

# ARIS REPORT SCRIPT CHANGES

VERSION 10.0 - SERVICE RELEASE 18  
MAY 2022

This document applies to ARIS Version 10.0 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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# 1 Changes from 10.0 SR16 to 10.0 SR18

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR16 and ARIS 10.0 SR18.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

## 1.1 Constants (10.0 SR16 to 10.0 SR18)

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>ARIS attribute types</b>				
AT_ABILITY_TO_INFLUENCE	x			
AT_ARCM_GUID	x			
AT_ARCM_ROLE	x			
AT_ARCM_ROLE_LEVEL	x			
AT_COMPLIANCE_MGMT_ATG	x			
AT_ESG	x			
AT_GRC_ASSESSMENT_DURATION	x			
AT_GRC_ASSESSMENT_END_DATE	x			
AT_GRC_ASSESSMENT_START_DATE	x			
AT_IMPACT_ON_ESG	x			
AT_REGULATION_ISSUER	x			
AT_REGULATION_IS_OUTDATED	x			
AT_REGULATION_VALID_FROM	x			
AT_REGULATION_VALID_UNTIL	x			
AT_REGULATION_VERSION	x			
AT_REGULATORY_MGMT	x			
AT_RELEVANCE_TO_BUSINESS	x			
AT_TYPE_OF_COMMITMENT	x			
<b>ARIS attribute value types</b>				
AVT_ARCM_ROLE_AUDITAUDITOR	x			
AVT_ARCM_ROLE_AUDITMANAGER	x			
AVT_ARCM_ROLE_AUDITOWNER	x			

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New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_ARCM_ROLE_AUDITREVIEWER	x			
AVT_ARCM_ROLE_AUDITSTEPOWNER	x			
AVT_ARCM_ROLE_CONTROLAUDITOR	x			
AVT_ARCM_ROLE_CONTROLEXECUTIONOWNER	x			
AVT_ARCM_ROLE_CONTROLMANAGER	x			
AVT_ARCM_ROLE_DEFICIENCYAUDITOR_L1	x			
AVT_ARCM_ROLE_DEFICIENCYAUDITOR_L2	x			
AVT_ARCM_ROLE_DEFICIENCYAUDITOR_L3	x			
AVT_ARCM_ROLE_DEFICIENCYMANAGER_L1	x			
AVT_ARCM_ROLE_DEFICIENCYMANAGER_L2	x			
AVT_ARCM_ROLE_DEFICIENCYMANAGER_L3	x			
AVT_ARCM_ROLE_HIERARCHYAUDITOR	x			
AVT_ARCM_ROLE_HIERARCHYMANAGER	x			
AVT_ARCM_ROLE_HIERARCHYOWNER	x			
AVT_ARCM_ROLE_INCIDENTAUDITOR	x			
AVT_ARCM_ROLE_INCIDENTMANAGER	x			
AVT_ARCM_ROLE_INCIDENTOWNER	x			
AVT_ARCM_ROLE_INCIDENTREVIEWER	x			
AVT_ARCM_ROLE_ISSUEAUDITOR	x			
AVT_ARCM_ROLE_ISSUEMANAGER	x			
AVT_ARCM_ROLE_LEVEL_CLIENT	x			
AVT_ARCM_ROLE_LEVEL_CROSSCLIENT	x			
AVT_ARCM_ROLE_LEVEL_OBJECT	x			
AVT_ARCM_ROLE_LOSSAUDITOR	x			
AVT_ARCM_ROLE_LOSSMANAGER	x			
AVT_ARCM_ROLE_LOSSOWNER	x			
AVT_ARCM_ROLE_LOSSREVIEWER	x			
AVT_ARCM_ROLE_POLICYADDRESSEE	x			
AVT_ARCM_ROLE_POLICYAPPROVER	x			
AVT_ARCM_ROLE_POLICYAUDITOR	x			
AVT_ARCM_ROLE_POLICYMANAGER	x			
AVT_ARCM_ROLE_POLICYOWNER	x			
AVT_ARCM_ROLE_QUESTIONNAIREOWNER	x			
AVT_ARCM_ROLE_REGULATIONAUDITOR	x			

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New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_ARCM_ROLE_REGULATIONMANAGER	x			
AVT_ARCM_ROLE_REGULATIONOWNER	x			
AVT_ARCM_ROLE_REGULATIONREVIEWER	x			
AVT_ARCM_ROLE_RISKAUDITOR	x			
AVT_ARCM_ROLE_RISKMANAGER	x			
AVT_ARCM_ROLE_RISKOWNER	x			
AVT_ARCM_ROLE_RISKREVIEWER	x			
AVT_ARCM_ROLE_SIGNOFFMANAGER	x			
AVT_ARCM_ROLE_SIGNOFFOWNER	x			
AVT_ARCM_ROLE_SIGNOFFREVIEWER	x			
AVT_ARCM_ROLE_SURVEYAUDITOR	x			
AVT_ARCM_ROLE_SURVEYMANAGER	x			
AVT_ARCM_ROLE_SURVEYREVIEWER	x			
AVT_ARCM_ROLE_TESTAUDITOR	x			
AVT_ARCM_ROLE_TESTAUDITOREXTERNAL	x			
AVT_ARCM_ROLE_TESTER	x			
AVT_ARCM_ROLE_TESTMANAGER	x			
AVT_ARCM_ROLE_TESTREVIEWER	x			
AVT_MODERATE	x			
AVT_RATHER_LOW	x			
AVT_SLIGHTLY_HIGH	x			
AVT_VOLONTARY	x			
<b>Model types</b>				
MT_REGULATION_ALLOCATION_DIAG	x			
MT_REGULATION_MODEL	x			
<b>Object types</b>				
OT_COMPLIANCE_ASSESSMENT_DEF	x			
OT_REGULATION	x			
OT_REGULATION_CATEGORY	x			
OT_REGULATION_CHAPTER	x			
OT_REGULATION_CLAUSE	x			
OT_REGULATION_REVIEW_SCHEDULER	x			
<b>Symbol types</b>				
ST_COMPLIANCE_ASSESSMENT_DEF	x			

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New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_REGULATION	x			
ST_REGULATION_CATEGORY	x			
ST_REGULATION_CHAPTER	x			
ST_REGULATION_CLAUSE	x			
ST_REGULATION_REVIEW_SCHEDULER	x			
ST_REGULATORY_REQUIREMENT	x			
<b>Reports</b>				
<b>New action after a report is finished</b>				
ACTION_CLEAR_MODEL_INFOTIPS	x			
<b>Report context property for hiding a report result in the results panel</b>				
PROPERTY_SHOW_IN_RESULT_PANEL	x			
<b>Miscellaneous constants</b>				
VARIANT_MANAGEMENT_ATTRIBUTE_NOT_SUPPORTED_BY_FILTER	x			



## 1.2 Methods (10.0 SR16 to 10.0 SR18)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ARIS document storage</b>				
ADSRepository.deleteStakeHolder(ADSDocument,ADSDocumentStakeHolder) -> boolean	x			
ADSRepository.getStakeHolder(ADSDocument) -> Collection	x			
<b>ARIS Risk and Compliance</b>				
ARCM.getLicensedComponentsForUser(String,int) -> List	x			
ARCMAccess.getLicensedComponentsForUser(String,int) -> List	x			
ARCMComponent.getLicensedComponentsForUser(String,int) -> List	x			
ARCMQuery.setIncludeDeactivatedObjects(boolean) -> void	x			
ARCMQueryRestrictionFactory.innerJoin(String,ARCMQueryRestriction) -> ARCMQueryJoin	x			
ARCMQueryRestrictionFactory.innerJoin(String,String,ARCMQueryRestriction) -> ARCMQueryJoin	x			
ARCMQueryRestrictionFactory.leftJoin(String,String,ARCMQueryRestriction) -> ARCMQueryJoin	x			
<b>ARIS standard report API</b>				
Context.addInfoMark(ArisObject,int,String,String) -> void	x			
Database.FindOIDs(String[]) -> ArisObject[]	x			
<b>Dialog AriaLabel support</b>				
DialogTemplate.ComboBox(int,int,int,int,String[],String,int,String) -> void	x			
DialogTemplate.DateChooser(int,int,int,int,String,String) -> void	x			
DialogTemplate.DropListBox(int,int,int,int,String[],String,int,String) -> void	x			
DialogTemplate.ListBox(int,int,int,int,String[],String,int,String) -> void	x			
DialogTemplate.Picture(int,int,int,int,String,String) -> void	x			
DialogTemplate.Table(int,int,int,int,String[],int[],String[],String,int,String) -> void	x			
DialogTemplate.TextBox(int,int,int,int,String,int,String) -> void	x			
DialogTemplate.Tree(int,int,int,int,String,int,String) -> void	x			
ExtendedOutputObject.OutputFormattedText(String,boolean) -> void	x			
ScriptInfo.getIncludeDerivedTypes(int) -> boolean	x			

<b>ARIS standard report API</b>				
<b>Report access to content type configuration</b>				
ArisData.getActiveContentConfiguration() -> ContentConfiguration	x			
ArisData.getContentConfigurations() -> ContentConfigurationInfo[]	x			
ContentConfiguration.getAllContentTypes() -> ContentType[]	x			
ContentConfiguration.getContentItemKind(int) -> ContentItemKind	x			
ContentConfiguration.getContentItemKinds() -> ContentItemKind[]	x			
ContentConfiguration.getContentTypeInfo(String) -> ContentTypeInfo	x			
ContentConfiguration.getDescription(int) -> String	x			
ContentConfiguration.getHierarchies(boolean) -> Hierarchy[]	x			
ContentConfiguration.getHierarchy(String) -> Hierarchy	x			
ContentConfiguration.getName(int) -> String	x			
ContentConfiguration.getTechnicalId() -> String	x			
ContentConfiguration.isActive() -> boolean	x			
ContentConfigurationInfo.getContentConfiguration() -> ContentConfiguration	x			
ContentConfigurationInfo.getDescription(int) -> String	x			
ContentConfigurationInfo.getName(int) -> String	x			
ContentConfigurationInfo.getTechnicalId() -> String	x			
ContentConfigurationInfo.isActive() -> boolean	x			
ContentItemKind.getContentTypes(boolean) -> ContentType[]	x			
ContentItemKind.getDefaultGroupings() -> PropertyGrouping[]	x			
ContentItemKind.getDefaultProperties() -> ContentProperty[]	x			
ContentItemKind.getDefaultProperty(String) -> ContentProperty	x			
ContentItemKind.getItemKind() -> int	x			
ContentType.getArisItems() -> ArisObject[]	x			
ContentType.getArisItems(ContentProperty[], ArisObject[]) -> ObjectAndProperties[]	x			
ContentType.getArisItemsByTechnicalIds(String[], ArisObject[]) -> ObjectAndProperties[]	x			
ContentType.getArisTypes() -> ArisType[]	x			
ContentType.getAttributeRestrictions() -> AttributeRestriction[]	x			
ContentType.getEditType() -> ArisType	x			
ContentType.getGroupPath() -> String	x			

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ContentType.getGroupPathLocale() -> int	x			
ContentType.getGrouping(String) -> PropertyGrouping	x			
ContentType.getGroupings(boolean,boolean) -> PropertyGrouping[]	x			
ContentType.getItemKind() -> ContentItemKind	x			
ContentType.getName(int) -> String	x			
ContentType.getProperties(boolean) -> ContentProperty[]	x			
ContentType.getProperty(String) -> ContentProperty	x			
ContentType.getTechnicalId() -> String	x			
ContentType.isDefault() -> boolean	x			
ContentProperty.getName(int) -> String	x			
ContentProperty.getOrderNum() -> int	x			
ContentProperty.getPropertyType() -> String	x			
ContentProperty.getTechnicalId() -> String	x			
ContributionCxnInfo.getCxnDirection() -> int	x			
ContributionCxnInfo.getCxnType() -> ArisType	x			
ContributionCxnInfo.getTargetObjType() -> ArisType	x			
ArisObjectAndContentType.getArisObject() -> ArisObject	x			
ArisObjectAndContentType.getContentTypeTechnicalId() -> String	x			
ArisType.getTypeGuid() -> String	x			
ArisType.getTypeNumber() -> int	x			
AttributeProperty.getAttributeType() -> ArisType	x			
AttributeProperty.getName(int) -> String	x			
AttributeProperty.getOrderNum() -> int	x			
AttributeProperty.getPropertyType() -> String	x			
AttributeProperty.getTechnicalId() -> String	x			
AttributeProperty.isEditInPortalAllowed() -> boolean	x			
AttributeProperty.isUseFormattingInPublication() -> boolean	x			
AttributeProperty.isUser() -> boolean	x			
AttrPropertyResult.getArisObject() -> Attr	x			
AttrPropertyResult.getPropertyTechnicalId() -> String	x			
AttrPropertyResult.isComplexResult() -> boolean	x			
ComplexProperty.getAsRelationProperty() -> RelationProperty	x			
ComplexProperty.getName(int) -> String	x			
ComplexProperty.getOrderNum() -> int	x			

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ComplexProperty.getPropertyType() -> String	x			
ComplexProperty.getTargetContentTypes() -> ContentType[]	x			
ComplexProperty.getTechnicalId() -> String	x			
ComplexProperty.isRelationProperty() -> boolean	x			
ComplexPropertyResult.getItems() -> ArisObjectAndContentType[]	x			
ComplexPropertyResult.getPropertyTechnicalId() -> String	x			
ComplexPropertyResult.isComplexResult() -> boolean	x			
AttributeRestriction.getAttributeType() -> ArisType	x			
AttributeRestriction.getLocale() -> int	x			
AttributeRestriction.getModifier() -> int	x			
AttributeRestriction.getValue() -> String	x			
ObjectAndProperties.getOid() -> String	x			
ObjectAndProperties.getPropertyValues() -> PropertyResult[]	x			
PropertyResult.getPropertyTechnicalId() -> String	x			
PropertyResult.isComplexResult() -> boolean	x			
ObjectContentType.getArisItems() -> ArisObject[]	x			
ObjectContentType.getArisItems(ContentProperty[], ArisObject[]) -> ObjectAndProperties[]	x			
ObjectContentType.getArisItemsByTechnicalIds(String[], ArisObject[]) -> ObjectAndProperties[]	x			
ObjectContentType.getArisTypes() -> ArisType[]	x			
ObjectContentType.getAttributeRestrictions() -> AttributeRestriction[]	x			
ObjectContentType.getEditType() -> ArisType	x			
ObjectContentType.getGroupPath() -> String	x			
ObjectContentType.getGroupPathLocale() -> int	x			
ObjectContentType.getGrouping(String) -> PropertyGrouping	x			
ObjectContentType.getGroupings(boolean, boolean) -> PropertyGrouping[]	x			
ObjectContentType.getItemKind() -> ContentItemKind	x			
ObjectContentType.getName(int) -> String	x			
ObjectContentType.getProperties(boolean) -> ContentProperty[]	x			
ObjectContentType.getProperty(String) -> ContentProperty	x			
ObjectContentType.getSymbolRestrictions() -> ArisType[]	x			
ObjectContentType.getTechnicalId() -> String	x			
ObjectContentType.isDefault() -> boolean	x			

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ObjectContentType.isReverseFilter() -> boolean	x			
PropertyGrouping.getName(int) -> String	x			
PropertyGrouping.getOrderNum(ContentType) -> int	x			
PropertyGrouping.getProperties() -> ContentProperty[]	x			
PropertyGrouping.getTechnicalId() -> String	x			
PropertyGrouping.isInherited() -> boolean	x			
RelationAssignmentSettings.getGroupPath() -> String	x			
RelationAssignmentSettings.getLocale() -> int	x			
RelationAssignmentSettings.getNamePattern() -> String	x			
RelationAssignmentSettings.isRelativePath() -> boolean	x			
RelationCxnInfo.getCxnDirection() -> int	x			
RelationCxnInfo.getCxnType() -> ArisType	x			
RelationProperty.getAssignedModelType() -> ArisType	x			
RelationProperty.getAssignmentSettings() -> RelationAssignmentSettings	x			
RelationProperty.getContributionObjAndCxnType() -> ContributionCxnInfo	x			
RelationProperty.getContributionSymbol() -> ArisType	x			
RelationProperty.getCxnInfo() -> RelationCxnInfo[]	x			
RelationProperty.getName(int) -> String	x			
RelationProperty.getOrderNum() -> int	x			
RelationProperty.getPropertyType() -> String	x			
RelationProperty.getRelationKind() -> int	x			
RelationProperty.getRelationKindForEdit() -> int	x			
RelationProperty.getSatelliteSettings() -> SatelliteSetting[]	x			
RelationProperty.getSymbolRestrictionsForCreation(int) -> RelationSymbolInfo	x			
RelationProperty.getSymbolRestrictionsForRead(int) -> RelationSymbolInfo	x			
RelationProperty.getTargetContentTypes() -> ObjectContentType[]	x			
RelationProperty.getTargetObjectTypes() -> ArisType[]	x			
RelationProperty.getTechnicalId() -> String	x			
RelationSymbolInfo.getObjType() -> ArisType	x			
RelationSymbolInfo.getSymbols() -> ArisType[]	x			
RelationSymbolInfo.isInverseFilter() -> boolean	x			

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SatelliteSetting.getCxnInfo() -> RelationCxnInfo	x			
SatelliteSetting.getSourceObjType() -> ArisType	x			
SatelliteSetting.getTargetObjType() -> ArisType	x			
Hierarchy.getHierarchyItems() -> HierarchyItem[]	x			
Hierarchy.getName(int) -> String	x			
Hierarchy.getRootItemGUIDs() -> String[]	x			
Hierarchy.getTechnicalId() -> String	x			
Hierarchy.isActive() -> boolean	x			
Hierarchy.isDisplayInCaseOfRootItemAbsence() -> boolean	x			
HierarchyItem.getChildProperties() -> ContentProperty[]	x			
HierarchyItem.getContentType() -> ContentType	x			
HierarchyItem.getLevel() -> int	x			
HierarchyItem.getParentProperty() -> ContentProperty	x			
<b>Report access to font handling</b>				
Context.getFontHandling() -> FontHandling	x			
FontHandling.getFontData(String) -> byte[]	x			
FontHandling.getFontInfos(int) -> FontInfo[]	x			
FontInfo.getFileNames() -> String[]	x			
FontInfo.getFont(int,float) -> Font	x			
FontInfo.getFontFamilyName() -> String	x			
FontInfo.getStyle() -> int	x			
<b>Semantic checks</b>				
AttributeRuleType.createCheck(String,Item[],Context) -> CheckRule	x			
AttributeRuleType.getDescription() -> String	x			
AttributeRuleType.getIdentifier() -> String	x			
AttributeRuleType.getModelSelectionText() -> String	x			
AttributeRuleType.getName() -> String	X			
AttributeRuleType.getObjectSelectionText() -> String	x			
AttributeRuleType.getRuleDescription(String) -> String	x			
AttributeRuleType.getRuleName(String) -> String	x			
AttributeRuleType.getRuleParameter(String,String) -> String	x			
AttributeRuleType.getRuleParameters(String) -> Map	x			
AttributeRuleType.isModelSelectionNeeded() -> boolean	x			
AttributeRuleType.isObjectSelectionNeeded() -> boolean	x			

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AttributeRuleType.performCheck(CheckRule,Context,int,String) -> CheckResult	x			
CheckResult.getErrorsToPrint() -> CheckResult\$IErrorOutput[]	x			
CheckResult.getHasError() -> boolean	x			
CheckRule.getDescription() -> String	x			
CheckRule.getName() -> String	x			
CheckRule.hasCheckableItems() -> boolean	x			
<b>ProfileSettings global object (available in a running profile script)</b>				
ProfileSettings.addImprovementProposal(Item,String) -> void	x			
ProfileSettings.getElements(ArisData,Context,int,boolean) -> ArisObject[]	x			
ProfileSettings.getMapRuleTypeNames() -> Map	x			
ProfileSettings.getMapStatistic() -> Map	x			
ProfileSettings.getRuleCount() -> int	x			
ProfileSettings.getRuleTypeConfiguration(String) -> SemanticCheckConfiguration	x			
ProfileSettings.getRuleTypes() -> String[]	x			
ProfileSettings.getSemCheckOccurrences(ConnectableDef) -> ConnectableOcc[]	x			
ProfileSettings.initStatistic(String,String,Item[]) -> void	x			
ProfileSettings.setCurrentRule(String,String) -> CurrentRule	x			
ProfileSettings.setInfoMark(ArisObject,String) -> void	x			
ProfileSettings.setStatistic(String,String,Item,int) -> void	x			
ProfileSettings.writeImprovementProposals(Context) -> void	x			
ProfileSettings.writeInfoMarks(ArisObject,String) -> boolean	x			
<b>Only used in generated profile scripts</b>				
CurrentRule.addError(ConnectableDef,Map,String) -> void => CurrentRule.addError(ConnectableDef,ConnectableOcc[],String) -> void		x		
CurrentRule.addInfoMark(ConnectableDef,Map,String) -> void => CurrentRule.addInfoMark(ConnectableDef,ConnectableOcc[],String) -> void		x		
SemanticCheck.addUsedStartElements(ArisObject[]) -> void			x	
SemanticCheck.setProcessedRule(String,String) -> CurrentRule			x	
SemanticCheck.writeInfoMarks(CurrentRule,ArisObject,String) -> void			x	

<b>DataQuery component (only removed from documentation)</b>				
QueryComponent.getConfig(String) -> QueryConfig			x	
QueryComponent.getConfigLocalized(String,int) -> QueryConfig			x	
QueryComponent.getQueryContext(Database) -> DataQueryContext			x	
QueryComponent.getQueryContext(Database,List) -> DataQueryContext			x	
QueryComponent.getQueryContext(Database,byte[]) -> DataQueryContext			x	
QueryComponent.hasDeltaConfiguration(String) -> boolean			x	
QueryConfig.getAllHierarchyDefinitions() -> Set			x	
QueryConfig.getAllItemTypeDefinitions() -> Set			x	
QueryConfig.getHierachyDefinition(String) -> HierarchyDefinition			x	
QueryConfig.getItemTypeDefinition(String) -> ItemTypeDefinition			x	
DataQuery.addCondition(String,ConditionComperator) -> void			x	
DataQuery.addCondition(String,ConditionComperator,Date) -> void			x	
DataQuery.addCondition(String,ConditionComperator,Date,int) -> void			x	
DataQuery.addCondition(String,ConditionComperator,String) -> void			x	
DataQuery.addCondition(String,ConditionComperator,String,int) -> void			x	
DataQuery.addCondition(String,ConditionComperator,String[]) -> void			x	
DataQuery.execute() -> ResultList			x	
DataQuery.execute(Set) -> ResultList			x	
DataQuery.execute(String[]) -> ResultList			x	
DataQuery.getItemtype() -> String			x	
DataQueryContext.createQuery(String,String) -> DataQuery				
DataQueryContext.execute(String,String) -> ResultList			x	
DataQueryContext.execute(String,String,Set) -> ResultList			x	
DataQueryContext.getConfig() -> QueryConfig			x	
HierarchyDefinition.getName() -> String			x	
HierarchyDefinition.getStructure() -> List			x	
HierarchyStructure.getChildPropertyDefs() -> List			x	
HierarchyStructure.getItemTypeDefinition() -> ItemTypeDefinition			x	
HierarchyStructure.getParentPropertyDefs() -> List			x	
IProperty.getAttrTypeNum() -> Integer			x	



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IProperty.getLocalizedName() -> String			x	
IProperty.getName() -> String			x	
IProperty.getPropertyType() -> PropertyType			x	
IProperty.getTargetItemTypeDefintions() -> Set			x	
ItemTypeDefinition.getAllProperties() -> Map			x	
ItemTypeDefinition.getAllPropertiesWithoutReverse() -> Map			x	
ItemTypeDefinition.getAllPropertyNames() -> Set			x	
ItemTypeDefinition.getAllPropertyNamesWithoutReverse() -> Set			x	
ItemTypeDefinition.getItemKind() -> ItemType			x	
ItemTypeDefinition.getLocalizedName() -> String			x	
ItemTypeDefinition.getName() -> String			x	
ItemTypeDefinition.getPropertyDefs(String) -> Set			x	
ItemTypeDefinition.getTypeNums() -> Set			x	
Result.getAttrProperties() -> Collection			x	
Result.getAttrPropertyNames() -> Collection			x	
Result.getGuid() -> String			x	
Result.getId() -> String			x	
Result.getItemDefinition() -> ItemTypeDefinition			x	
Result.getItemIdentifier() -> ItemIdentifier			x	
Result.getName() -> String			x	
Result.getObject() -> ArisObject			x	
Result.getProperties() -> Collection			x	
Result.getProperty(String) -> ResultProperty			x	
Result.getPropertyNames() -> Collection			x	
Result.getResultListProperties() -> Collection			x	
Result.getResultListPropertyNames() -> Collection			x	
Result.loadAll() -> Result			x	
ResultList.forEach(Consumer) -> void			x	
ResultList.get(int) -> Result			x	
ResultList.getAll(String) -> ResultList			x	
ResultList.getAllIds() -> List			x	
ResultList.getAllResultsWithDuplicates(String) -> ResultList			x	
ResultList.getResults() -> List			x	
ResultList.iterator() -> Iterator			x	

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ResultList.loadAll() -> ResultList			x	
ResultList.releaseData() -> void			x	
ResultList.size() -> int			x	
ResultList.spliterator() -> Spliterator			x	
ResultProperty.getAttribute() -> Attr			x	
ResultProperty.getBoolean() -> Boolean			x	
ResultProperty.getDate() -> Date			x	
ResultProperty.getDouble() -> Double			x	
ResultProperty.getDuration() -> Duration			x	
ResultProperty.getInteger() -> Integer			x	
ResultProperty.getLocalizedPropertyName() -> String			x	
ResultProperty.getName() -> String			x	
ResultProperty.getResultList() -> ResultList			x	
ResultProperty.getString() -> String			x	
ResultProperty.getTime() -> Instant			x	
ResultProperty.getType() -> PropertyType			x	
ResultProperty.isResultList() -> boolean			x	
<b>DMN component</b>				
DmnBuiltinAggregator.describeConstable() -> Optional	x			
DmnDecisionTableOrientation.describeConstable() -> Optional	x			
DmnFeelDatatype.describeConstable() -> Optional	x			
DmnHitPolicy.describeConstable() -> Optional	x			
<b>Versioning component</b>				
Versioning.getArchivedModels(Database,int) -> String[]	x			

## 2 Changes from 10.0 SR14 to 10.0 SR16

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR14 and ARIS 10.0 SR16.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 2.1 Constants (10.0 SR14 to 10.0 SR16)

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>ARIS attribute types</b>				
AT_CONFIRMATION_ADDRESSEES	x			
AT_CONFIRMATION_ATTACHMENT	x			
AT_CONFIRMATION_ATTACHMENT_TITLE	x			
AT_CONFIRMATION_BUTTON_LABEL	x			
AT_CONFIRMATION_CREATOR	x			
AT_CONFIRMATION_DESC	x			
AT_CONFIRMATION_DURATION_1	x			
AT_CONFIRMATION_MGMT	x			
AT_CONFIRMATION_NAME	x			
AT_CONFIRMATION_TEXT_1	x			
AT_CONTROL_TYPES	x			
AT_COPYING_VALUES_ALLOWED	x			
AT_KEY_RISK	x			
AT_LAST_ROLL_IN_STATE_CHANGE	x			
AT_ORDER_NUM	x			
AT_REVIEWER_NOTES_ALLOWED	x			
AT_RISK_ASSESSMENT	x			
AT_ROLL_IN_DATA	x			
AT_ROLL_IN_STATE	x			
AT_SIMPLE_ASSESSMENT	x			
AT_START_DATE_CONFIRMATION_PROCESS	x			

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<b>ARIS attribute value types</b>				
AVT_REJECTED	x			
AVT_REQUESTED	x			
<b>ARIS Risk and Compliance</b>				
ARCM_ENUM_INITIATORS_CONTROLEXECUTION_CREATED	x			
ARCM_ENUM_INITIATORS_CONTROL_MANAGEMENT	x			
ARCM_ENUM_INITIATORS_TESTCASE_CREATED	x			
ARCM_ENUM_USERROLE_TYPE_CFMADMIN	x			
<b>Miscellaneous constants</b>				
EVENTID_GRAPHICAL_OBJECT_BEFORE_COPY_VETOABLE	x			
EVENTID_PREPARE_CREATE_GRAPHICAL_OBJECT	x			
EVENT_ARGUMENT_GRAPHICAL_OBJECT_TO_BE_CREATED	x			
EVENT_ARGUMENT_MODEL_IS_VISIBLE	x			
EVENT_ARGUMENT_VALUE_ELLIPSE_TO_BE_CREATED	x			
EVENT_ARGUMENT_VALUE_FREEFORM_TEXT_TO_BE_CREATED	x			
EVENT_ARGUMENT_VALUE_IMAGE_TO_BE_CREATED	x			
EVENT_ARGUMENT_VALUE_POLYGON_TO_BE_CREATED	x			
EVENT_ARGUMENT_VALUE_RECTANGLE_TO_BE_CREATED	x			
INITIATORS_CONTROLEXECUTION_CREATED	x			
INITIATORS_CONTROL_MANAGEMENT	x			
INITIATORS_TESTCASE_CREATED	x			
INSERT_KEEP_SOURCE_STYLES_AND_LANGUAGE	x			
MODEL_PRINT_FIXED_LANES	x			
USERROLE_TYPE_CFMADMIN	x			

## 2.2 Methods (10.0 SR14 to 10.0 SR16)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ARIS Risk and Compliance</b>				
ARCM.checkReadPrivileges(List) -> Map	x			
ARCM.getLicensedComponents(String) -> List	x			
ARCM.issueManagement() -> ARCMIssueManagement	x			
ARCMAccess.checkReadPrivileges(List) -> Map	x			
ARCMAccess.getLicensedComponents(String) -> List	x			
ARCMAccess.issueManagement() -> ARCMIssueManagement	x			
ARCMComponent.checkReadPrivileges(List) -> Map	x			
ARCMComponent.issueManagement() -> ARCMIssueManagement	x			
ARCMComponent.triggerGeneratorServerTask(String,String[]) -> void	x			
ARCMIssueData.addOwner(UmcUser) -> void	x			
ARCMIssueData.addRelatedObject(ARCMAAppObject) -> void	x			
ARCMIssueData.addRelatedObject(Item) -> void	x			
ARCMIssueData.addReviewer(UmcUser) -> void	x			
ARCMIssueData.getCategory() -> String	x			
ARCMIssueData.getCreator() -> UmcUser	x			
ARCMIssueData.getDescription() -> String	x			
ARCMIssueData.getImmediateMeasure() -> String	x			
ARCMIssueData.getName() -> String	x			
ARCMIssueData.getOwners() -> List	x			
ARCMIssueData.getPriority() -> String	x			
ARCMIssueData.getRelatedARCMObjects() -> List	x			
ARCMIssueData.getRelatedARISObjects() -> List	x			
ARCMIssueData.getRemediationDate() -> Date	x			
ARCMIssueData.getRemediationMeasure() -> String	x			
ARCMIssueData.getReviewers() -> List	x			
ARCMIssueData.setCategory(String) -> void	x			
ARCMIssueData.setCreator(UmcUser) -> void	x			
ARCMIssueData.setDescription(String) -> void	x			
ARCMIssueData.setImmediateMeasure(String) -> void	x			
ARCMIssueData.setPriority(String) -> void	x			
ARCMIssueData.setRemediationMeasure(String) -> void	x			
ARCMIssueManagement.createIssue(ARCMIssueData) -> void	x			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMIssueManagement.createIssueData(String,Date,UmcUser,UmcUser) -> ARCMIssueData	x			
Confirmation.createConfirmationScheduler(Item) -> ARCMAppObject	x			
<b>ARIS standard report API</b>				
<b>Report access to configuration and renamed items</b>				
ArisData.getConfiguration() -> ArisConfiguration	x			
ArisConfigItem.getDescription(int) -> String	x			
ArisConfigItem.getName(int) -> String	x			
ArisConfigItem.getOriginalTypeNum() -> int	x			
ArisConfigItem.getTypeGuid() -> String	x			
ArisConfigItem.getTypeNum() -> int	x			
ArisConfigItem.isModified() -> boolean	x			
ArisConfiguration.getAttributeGroupItem(String) -> ArisConfigAttrGroupItem	x			
ArisConfiguration.getAttributeGroupItem(int) -> ArisConfigAttrGroupItem	x			
ArisConfiguration.getAttributeItem(String) -> ArisConfigAttrItem	x			
ArisConfiguration.getAttributeItem(int) -> ArisConfigAttrItem	x			
ArisConfiguration.getCxnItem(int) -> ArisConfigCxnItem	x			
ArisConfiguration.getModelItem(String) -> ArisConfigModelItem	x			
ArisConfiguration.getModelItem(int) -> ArisConfigModelItem	x			
ArisConfiguration.getModifiedAttributeGroupItems() -> ArisConfigAttrGroupItem[]	x			
ArisConfiguration.getModifiedAttributeItems() -> ArisConfigAttrItem[]	x			
ArisConfiguration.getModifiedCxnItems() -> ArisConfigCxnItem[]	x			
ArisConfiguration.getModifiedModelItems(boolean) -> ArisConfigModelItem[]	x			
ArisConfiguration.getObjectItem(int) -> ArisConfigObjectItem ArisConfiguration.getModifiedObjectItems() -> ArisConfigObjectItem[]	x			
ArisConfiguration.getModifiedSymbolItems(boolean) -> ArisConfigSymbolItem[]	x			
ArisConfiguration.getObjectItem(int) -> ArisConfigObjectItem	x			
ArisConfiguration.getSymbolItem(String) -> ArisConfigSymbolItem	x			
ArisConfiguration.getSymbolItem(int) -> ArisConfigSymbolItem	x			

<b>Access script metadata</b>				
ScriptAdmin.createScript(int,String,int,String,String,Map,OutputFormat[] )] -> ScriptInfo	x			
ScriptInfo.getCategoryID() -> String	x			
ScriptInfo.getMetaData() -> ScriptMetaData	x			
ScriptInfo.getScript() -> byte[]	x			
ScriptInfo.hasConfigParameterSets() -> boolean	x			
ScriptInfo.saveMetaData(ScriptMetaData) -> void	x			
ScriptInfo.setAllowedInConnect(boolean) -> void	x			
ScriptInfo.setAvailableForUsers(boolean) -> void	x			
ScriptInfo.setContexts(Map,boolean) -> void	x			
ScriptInfo.setHasDbWriteAccess(boolean) -> void	x			
ScriptInfo.setHasDialogSupport(boolean) -> void	x			
ScriptInfo.setImports(String[]) -> void	x			
ScriptInfo.setRecoverable(boolean) -> void	x			
ScriptInfo.setScript(byte[]) -> void	x			
ScriptInfo.setSupportedOutputFormats(OutputFormat[]) -> void	x			
ScriptInfo.setVersion(String) -> void	x			
ScriptMetaData.addLanguage(int) -> void	x			
ScriptMetaData.addLanguageCopy(int,int) -> void	x			
ScriptMetaData.getAuthor(int) -> String	x			
ScriptMetaData.getCompany(int) -> String	x			
ScriptMetaData.getDescription(int) -> String	x			
ScriptMetaData.getLanguages() -> int[]	x			
ScriptMetaData.getName(int) -> String	x			
ScriptMetaData.getStringTable(int) -> StringTable	x			
ScriptMetaData.getSubject(int) -> String	x			
ScriptMetaData.removeLanguage(int) -> void	x			
ScriptMetaData.setAuthor(String,int) -> void	x			
ScriptMetaData.setCompany(String,int) -> void	x			
ScriptMetaData.setDescription(String,int) -> void	x			
ScriptMetaData.setName(String,int) -> void	x			
ScriptMetaData.setSubject(String,int) -> void	x			

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<b>Miscellaneous methods</b>				
ArisData.getGUILocale() -> Locale	x			
Database.CreateUser(String,String,String) -> User	x			
Database.CreateUser(String,String,int[],boolean,int,String) -> User	x			
DialogTemplate.setScrollbars(boolean) -> void	x			
MethodFilter.getSymbolColors(int) -> Color[]	x			
Picture.getSizeLOMETRIC() -> Point2D\$Double	x			
Picture.getSizePixels() -> Point	x			
XlsSheet.insertPicture(int,int,byte[],int,int,double,double,boolean) -> void	x			



### 3 Changes from 10.0 SR12 to 10.0 SR14

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR12 and ARIS 10.0 SR14.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

#### 3.1 Constants (10.0 SR12 to 10.0 SR14)

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>ARIS attribute types</b>				
AT_ALFA_SYNC_SETTINGS	x			
AT_GUIDS_CONCATENATED_MODELS	x			
AT_HTML_DOC	x			
AT_MINING_TRANSFER_CATEGORY	x			
AT_MINING_TRANSFER_LOG	x			
AT_SUBPROCESS_SUCCESSORS	x			
AT_USE_VARIANT_MANAGEMENT	x			
AT_VARIANT_MGMT	x			
<b>ARIS attribute value types</b>				
AVT_NEW	x			
<b>ARIS Risk and Compliance</b>				
APPROVAL_STATUS_COMPLETED	x			
ARCM_ENUM_APPROVAL_STATUS_COMPLETED	x			
ARCM_ENUM_INITIATORS_USERGROUP_CHANGED_BY_MANAGER	x			
ARCM_OBJ_CONNECTITEM	x			
CONNECTITEM	x			
FORMAT_DMN_13	x			
INITIATORS_USERGROUP_CHANGED_BY_MANAGER	x			
ARCM_ENUM_CONFIRMATION_FREQUENCY_UNSPECIFIED			x	
CONFIRMATION_FREQUENCY_UNSPECIFIED			x	
<b>ARIS Optimizer</b>				
BO_ADMINISTRATION			x	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
BO_ANALYSIS			x	
BO_DATAINPUT			x	
BO_DATAMANAGEMENT			x	
BO_EVALUATION			x	
BO_FULL_PERMISSION			x	
BO_NO_PERMISSION			x	
BO_NO_PERMISSION_RECORD_AVAILABLE			x	
BO_READ_PERMISSION			x	
BO_READ_WRITE_DELETE_PERMISSION			x	
BO_READ_WRITE_PERMISSION			x	
<b>Variants</b>				
VARIANTS_ERROR_CANCELED_BY_USER	x			
VARIANTS_ERROR_DATABASE_NOT_VERSIONABLE	x			
VARIANTS_ERROR_INVALID_ARGUMENT	x			
VARIANTS_ERROR_MASTER_MODEL_NOT_FOUND	x			
VARIANTS_ERROR_MODEL_VARIANT_NOT_FOUND	x			
VARIANTS_ERROR_NEW_MASTER_MODEL_ASN_DELETED	x			
VARIANTS_ERROR_NEW_MASTER_MODEL_ASN_NOT_SET	x			
VARIANTS_ERROR_NEW_MASTER_MODEL_NOT_FOUND	x			
VARIANTS_ERROR_NOT_ALL_CHANGES_PROCESSED	x			
VARIANTS_ERROR_NO_MASTER_MODEL_IN_WORKSPACE	x			
VARIANTS_ERROR_NO_PENDING_ROLL_OUT	x			
VARIANTS_ERROR_NO_WRITE_PERMISSION	x			
VARIANTS_ERROR_TARGET_GROUP_NOT_FOUN	x			
VARIANTS_ERROR_UNEXPECTED_ERROR	x			
VARIANTS_ERROR_VARIANT_MANAGEMENT_NOT_ENABLE	x			
<b>Symbol types</b>				
ST_SWITCH_OPERATOR	x			

## 3.2 Methods (10.0 SR12 to 10.0 SR14)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>Alafabet integration</b>				
AlfabetIntegration.doSynchronize(Database) -> Result	x			
AlfabetIntegration.doSynchronize(Database,int,int) -> Result	x			
<b>ARIS Risk and Compliance</b>				
ARCMQueryOrder.getAttributeTypeOfListElement() -> String	x			
ARCMQueryRestrictionFactory.createAscendingOrder(String,String) -> ARCMQueryOrder	x			
ARCMQueryRestrictionFactory.createDescendingOrder(String,String) -> ARCMQueryOrder	x			
<b>Merge</b>				
MergeBaseOptions.getSatelliteCxnDepth() -> short			x	
MergeBaseOptions.setSatelliteCxnDepth(short) -> void			x	
MergeScriptOptions.getSatelliteCxnDepth() -> short			x	
MergeScriptOptions.setSatelliteCxnDepth(short) -> void			x	
<b>Model comparison</b>				
ModelComparisonOptions.setObjectSatelliteRelations(boolean) -> void			x	
<b>Variants</b>				
Variants.createManagedVariants(ArisObject[],int,Group) -> CreateManagedVariantsResult	x			
Variants.enableVariantManagement(Database,boolean) -> void	x			
Variants.evaluateOldestRequiredASN(Database) -> int	x			
Variants.isVariantManagementEnabled(Database) -> boolean	x			
Variants.triggerRollOut(Model,String,Model[]) -> VariantsTriggerRollOutResult	x			
VariantsException.addSuppressed(Throwable) -> void	x			
VariantsException.fillInStackTrace() -> Throwable	x			
VariantsException.getCause() -> Throwable	x			
VariantsException.getErrorKind() -> VariantsErrorKind	x			
VariantsException.getLocalizedMessage() -> String	x			
VariantsException.getMessage() -> String	x			
VariantsException.getStackTrace() -> StackTraceElement[]	x			
VariantsException.getSuppressed() -> Throwable[]	x			
VariantsException.initCause(Throwable) -> Throwable	x			
VariantsException.printStackTrace() -> void	x			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
VariantsException.printStackTrace(PrintStream) -> void	x			
VariantsException.printStackTrace(PrintWriter) -> void	x			
VariantsException.setStackTrace(StackTraceElement[]) -> void	x			
VariantsException.toString() -> String	x			
VariantsModelIssue.getIssue() -> String	x			
VariantsModelIssue.getModel() -> Model	x			
VariantsTriggerRollOutResult.getMasterModelASN() -> int	x			
VariantsTriggerRollOutResult.getNotTriggeredModelVariants() -> VariantsScriptModelIssue[]	x			
VariantsTriggerRollOutResult.getTriggeredModelVariants() -> Model[]	x			
VariantsTriggerRollOutResult.getTriggeredModelVariantsWithWarnings() -> VariantsScriptModelIssue[]	x			
<b>Other components</b>				
HumanTaskWrapper.getCompletionPolicy() -> String	x			
RunResult.getResultType() -> RunResult\$ResultType	x			

## 4 Changes from 10.0 SR10 to 10.0 SR12

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR10 and ARIS 10.0 SR12.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 4.1 Constants (10.0 SR10 to 10.0 SR12)

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>ARIS attribute types</b>				
AT_ALFA_API_VERSION	X			
AT_BASE_MASTER_ASN	X			
AT_BASE_VARIANT_ASN	X			
AT_LAST_ROLL_OUT_STATE_CHANGE	X			
AT_NEW_MASTER_ASN	X			
AT_ROLL_OUT_STATE	X			
AT_MASTER_MODEL_VERSION			X	
<b>ARIS attribute value types</b>				
AVT_IN_PROGRESS	X			
AVT_PENDING	X			
<b>ARIS Risk and Compliance</b>				
ARCM_ENUM_CONFIRMATION_OWNER_STATE_REMOVED	X			
ARCM_ENUM_CONFIRMATION_PROCESS_OWNER_STATE_RETIRED	X			
ARCM_ENUM_INITIATORS_AUDIT_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_CHANGE_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_CONFIRMATIONPROCESS_CLOSED	X			
ARCM_ENUM_INITIATORS_CONFIRMATIONPROCESS_MONITORING	X			
ARCM_ENUM_INITIATORS_CONFIRMATION_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_INCIDENT_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_ISSUE_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_LOSS_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_POLICY_MANAGEMENT	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ARCM_ENUM_INITIATORS_RISK_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_SURVEY_MANAGEMENT	X			
ARCM_ENUM_INITIATORS_SYSTEM	X			
ARCM_ENUM_INITIATORS_TEST_MANAGEMENT	X			
ARCM_ENUM_POSSIBLE_ASSESSMENT_TYPE_NONE	X			
ARCM_ENUM_POSSIBLE_ASSESSMENT_TYPE_QUALITATIVE	X			
ARCM_ENUM_POSSIBLE_ASSESSMENT_TYPE_QUANTITATIVE	X			
ARCM_ENUM_REPORT_OUTPUT_FORMAT_ALL			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_DOC			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_DOCX			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_HTM			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_ODT			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_PDF			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_RTF			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_TXT			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_UNDEFINED			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_XLS			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_XLSX			X	
ARCM_ENUM_REPORT_OUTPUT_FORMAT_XML			X	
ARCM_ENUM_USERROLE_TYPE_NONE			X	
ARCM_OBJ_BOOKMARK			X	
ARCM_OBJ_REPORT			X	
ARCM_OBJ_USERPROFILE			X	
<b>Model types</b>				
MT_ABSTRACT_BPMN_PROCESS	X			
<b>Symbol types</b>				
ST_ARCHIMATE_ASSESSMENT_S	X			
ST_ARCHIMATE_CAPABILITY_S	X			
ST_ARCHIMATE_COURSE_OF_ACTION_S	X			
ST_ARCHIMATE_DIRECTED_ASSOCIATION	X			
ST_ARCHIMATE_DRIVER_S	X			
ST_ARCHIMATE_EQUIPMENT_S	X			
ST_ARCHIMATE_FACILITY_S	X			
ST_ARCHIMATE_GAP_S	X			

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New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_ARCHIMATE_GOAL_S	X			
ST_ARCHIMATE_LOCATION_S	X			
ST_ARCHIMATE_MATERIAL_S	X			
ST_ARCHIMATE_OUTCOME_S	X			
ST_ARCHIMATE_PLATEAU_S	X			
ST_ARCHIMATE_PRINCIPLE_S	X			
ST_ARCHIMATE_RESOURCE_S	X			
ST_ARCHIMATE_STAKEHOLDER_S	X			
ST_ARCHIMATE_VALUE_STREAM	X			
ST_ARCHIMATE_VALUE_STREAM_S	X			
<b>User profile</b>				
USERROLE_TYPE_NONE			X	
<b>Report</b>				
REPORT_OUTPUT_FORMAT_ALL			X	
REPORT_OUTPUT_FORMAT_DOC			X	
REPORT_OUTPUT_FORMAT_DOCX			X	
REPORT_OUTPUT_FORMAT_HTM			X	
REPORT_OUTPUT_FORMAT_ODT			X	
REPORT_OUTPUT_FORMAT_PDF			X	
REPORT_OUTPUT_FORMAT_RTF			X	
REPORT_OUTPUT_FORMAT_TXT			X	
REPORT_OUTPUT_FORMAT_UNDEFINED			X	
REPORT_OUTPUT_FORMAT_XLS			X	
REPORT_OUTPUT_FORMAT_XLSX			X	
REPORT_OUTPUT_FORMAT_XML			X	
<b>Bookmark</b>				
CONFIRMATION_OWNER_STATE_REMOVED	X			
CONFIRMATION_PROCESS_OWNER_STATE_RETIRED	X			
EVENTID_PREPARE_CXNDEF_CREATE_DEF	X			
INITIATORS_AUDIT_MANAGEMENT	X			
INITIATORS_CHANGE_MANAGEMENT	X			
INITIATORS_CONFIRMATIONPROCESS_CLOSED	X			
INITIATORS_CONFIRMATIONPROCESS_MONITORING	X			
INITIATORS_CONFIRMATION_MANAGEMENT	X			

REPORT SCRIPT CHANGES

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
INITIATORS_INCIDENT_MANAGEMENT	X			
INITIATORS_ISSUE_MANAGEMENT	X			
INITIATORS_LOSS_MANAGEMENT	X			
INITIATORS_POLICY_MANAGEMENT	X			
INITIATORS_RISK_MANAGEMENT	X			
INITIATORS_SURVEY_MANAGEMENT	X			
INITIATORS_SYSTEM	X			
INITIATORS_TEST_MANAGEMENT	X			
POSSIBLE_ASSESSMENT_TYPE_NONE	X			
POSSIBLE_ASSESSMENT_TYPE_QUALITATIVE	X			
POSSIBLE_ASSESSMENT_TYPE_QUANTITATIVE	X			



## 4.2 Methods (10.0 SR10 to 10.0 SR12)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>Alafabet integration</b>				
AlfabetIntegration.doImport(Group,String[]) -> Result	X			
AlfabetIntegration.doRemoveAll(Database,int) -> Result	X			
AlfabetIntegration.doSynchronize(Database,int) -> Result	X			
Result.getLog() -> LogEntry[]	X			
Result.getSuccess() -> boolean	X			
LogEntry.getMessage() -> String	X			
LogEntry.getSeverity() -> int	X			
LogEntry.getTimestamp() -> long	X			
AlfabetIntegration.importTables(Group,String[]) -> boolean				X
AlfabetIntegration.removeAll(Database,int) -> boolean				X
AlfabetIntegration.synchronize(Database,int) -> boolean				X
<b>ARIS standard Report API</b>				
ArisData.Unique(Object[],boolean) -> Object[]	X			
ArisData.getFilter(String) -> MethodFilter	X			
CxnAssign.setInventoryCxn(boolean) -> boolean	X			
CxnDef.setInventoryCxn(boolean) -> boolean	X			
MatrixCxnDef.setInventoryCxn(boolean) -> boolean	X			
Model.getFixedHeaderPoint() -> Point	X			
Model.getFixedHorizontalLane() -> Lane	X			
Model.getFixedVerticalLane() -> Lane	X			
Model.setFixedHeaderPoint(Point) -> boolean	X			
Model.setFixedHorizontalLane(Lane) -> boolean	X			
Model.setFixedVerticalLane(Lane) -> boolean	X			
ScriptInfo.isAllowedInConnect() -> boolean	X			
ScriptInfo.isRecoverable() -> boolean	X			
<b>Merge</b>				
MergeBaseOptions.getSatelliteCxnDepth() -> short	X			
MergeBaseOptions.setSatelliteCxnDepth(short) -> void	X			
MergeScriptOptions.getSatelliteCxnDepth() -> short	X			
MergeScriptOptions.setSatelliteCxnDepth(short) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>Model comparison</b>				
ModelComparisonOptions.setObjectSatelliteRelations(boolean) -> void	X			
<b>Versioning</b>				
VersioningOptions.getSatelliteCxnDepth() -> short	X			
VersioningOptions.setSatelliteCxnDepth(short) -> void	X			
<b>Visio import</b>				
VisioLoader.getFirstMatchingShapeProperty(VShape,String[]) -> String	X			
VisioLoader.getVisioShapeProperties(VShape) -> List	X			

## 5 Changes from 10.0 SR8 to 10.0 SR10

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR8 and ARIS 10.0 SR10.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 5.1 Constants (10.0 SR8 to 10.0 SR10)

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>ARIS attribute types</b>				
AT_ALFA_PASSWORD	X			
AT_ALFA_USER_NAME	X			
AT_CONFLICT_RESOLUTION_DATA	X			
AT_DISABLE_ABA_VARIANTS	X			
AT_DOCUMENT_UPLOAD_ALLOWED	X			
AT_IS_LIBRARY_GROUP	X			
AT_IS_START_MODEL	X			
AT_MASTER_MODEL_VERSION	X			
AT_NOTIFICATION	X			
AT_SM72_SAP_DIAGRAM_TYPE	X			
<b>ARIS attribute value types</b>				
AVT_SM72_COLLABORATION_DIAGRAM	X			
AVT_SM72_EXEC_SUCCESS_FACTOR_APPLICATION	X			
AVT_SM72_PROCESS_DIAGRAM	X			
<b>ARIS Risk and Compliance</b>				
ARCM_ENUM_CONFIRMATION_FREQUENCY_ALL	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_ANNUALLY	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_EVERYSECONDYEAR	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ARCM_ENUM_CONFIRMATION_FREQUENCY_ONEOFF	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_QUARTERLY	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_SEMIANNUALLY	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_UNSPECIFIED	X			
ARCM_ENUM_CONFIRMATION_OWNER_STATE_ACCEPTED	X			
ARCM_ENUM_CONFIRMATION_OWNER_STATE_ALL	X			
ARCM_ENUM_CONFIRMATION_OWNER_STATE_NOTCOMPLETED	X			
ARCM_ENUM_CONFIRMATION_OWNER_STATE_OPEN	X			
ARCM_ENUM_CONFIRMATION_PROCESS_OWNER_STATE_ACTIVE	X			
ARCM_ENUM_CONFIRMATION_PROCESS_OWNER_STATE_ALL	X			
ARCM_ENUM_CONFIRMATION_PROCESS_OWNER_STATE_FINISHED	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_CREATION_STATE_ACTIVATED	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_CREATION_STATE_ALL	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_CREATION_STATE_IN_PREPARATION	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_EXECUTION_STATE_ACTIVE	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_EXECUTION_STATE_ALL	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_EXECUTION_STATE_FINISHED	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_EXECUTION_STATE_UNSPECIFIED	X			
ARCM_ENUM_INITIATORS_CHECKOUT_FAILED	X			
ARCM_ENUM_INITIATORS_CONFIRMATION_CLOSED	X			
ARCM_ENUM_INITIATORS_CONFIRMATION_CREATED	X			
ARCM_ENUM_INITIATORS_CONFIRMATION_MONITORING	X			
ARCM_ENUM_INITIATORS_DELEGATION	X			
ARCM_ENUM_INITIATORS_EVENTENABLING_EVENTTYPE_MODIFIED	X			
ARCM_ENUM_INITIATORS_ISSUE_HANDOVER	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ARCM_ENUM_JOBS_ARISTRANSFERSIMULATIONJOB	X			
ARCM_ENUM_JOBS_BACKUPRESTORE	X			
ARCM_ENUM_JOBS_DATABASECONSISTENCYCHECKJO	X			
ARCM_ENUM_JOBS_INTEGRATION	X			
ARCM_ENUM_JOBS_MAINTENANCE	X			
ARCM_ENUM_JOBS_OFFLINEPROCESSING	X			
ARCM_ENUM_JOBS_TRANSACTIONDATA	X			
ARCM_ENUM_LICENSEDCOMPONENT_CONFIRMATION_MANAGEMENT	X			
ARCM_OBJ_CONFIRMATION	X			
ARCM_OBJ_CONFIRMATIONPROCESS	X			
ARCM_OBJ_CONFIRMATIONSCHEDULER	X			
ARCM_OBJ_UMCUSERGROUP	X			
<b>Others</b>				
BASE_GRAPHICAL_APPEARANCE_REMOVE_COLOR_BEHIND_TEXT	X			
CONFIRMATION	X			
CONFIRMATIONPROCESS	X			
CONFIRMATIONSCHEDULER	X			
CONFIRMATION_FREQUENCY_ALL	X			
CONFIRMATION_FREQUENCY_ANNUALLY	X			
CONFIRMATION_FREQUENCY_EVERYSECONDYEAR	X			
CONFIRMATION_FREQUENCY_ONEOFF	X			
CONFIRMATION_FREQUENCY_QUARTERLY	X			
CONFIRMATION_FREQUENCY_SEMIANNUALLY	X			
CONFIRMATION_FREQUENCY_UNSPECIFIED	X			
CONFIRMATION_OWNER_STATE_ACCEPTED	X			
CONFIRMATION_OWNER_STATE_ALL	X			
CONFIRMATION_OWNER_STATE_NOTCOMPLETED	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CONFIRMATION_OWNER_STATE_OPEN	X			
CONFIRMATION_PROCESS_OWNER_STATE_ACTIVE	X			
CONFIRMATION_PROCESS_OWNER_STATE_ALL	X			
CONFIRMATION_PROCESS_OWNER_STATE_FINISHED	X			
CONFIRMATION_SCHEDULER_CREATION_STATE_ACTIVATED	X			
CONFIRMATION_SCHEDULER_CREATION_STATE_ALL	X			
CONFIRMATION_SCHEDULER_CREATION_STATE_IN_PREPARATION	X			
CONFIRMATION_SCHEDULER_EXECUTION_STATE_ACTIVE	X			
CONFIRMATION_SCHEDULER_EXECUTION_STATE_ALL	X			
CONFIRMATION_SCHEDULER_EXECUTION_STATE_FINISHED	X			
CONFIRMATION_SCHEDULER_EXECUTION_STATE_UNSPECIFIED	X			
INITIATORS_CHECKOUT_FAILED	X			
INITIATORS_CONFIRMATION_CLOSED	X			
INITIATORS_CONFIRMATION_CREATED	X			
INITIATORS_CONFIRMATION_MONITORING	X			
INITIATORS_DELEGATION	X			
INITIATORS_EVENTENABLING_EVENTTYPE_MODIFIED	X			
INITIATORS_ISSUE_HANDOVER	X			
JOBS_ARISTRANSFERSIMULATIONJOB	X			
JOBS_BACKUPPRESTORE	X			
JOBS_DATABASECONSISTENCYCHECKJOB	X			
JOBS_INTEGRATION	X			
JOBS_MAINTENANCE	X			
JOBS_OFFLINEPROCESSING	X			
JOBS_TRANSACTIONDATA	X			
LICENSEDCOMPONENT_CONFIRMATION_MANAGEMENT	X			
OUTPUT_EBPMN	X			

REPORT SCRIPT CHANGES

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
REUSE_DEFINITIONS	X			
SEMANTIC_CHECK_ENABLED	X			
TRANSFORM_ALL_FAD_OBJECTS	X			
UMCUSERGROUP	X			

## 5.2 Methods (10.0 SR8 to 10.0 SR10)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ADS</b>				
CxnDef.isInventoryCxn() -> boolean	X			
ADSFolder.getPath() -> String	X			
ADSRepository.getRepository() -> ARepository	X			
<b>ARIS standard Report API</b>				
CxnDef.isInventoryCxn() -> boolean	X			
CxnAssign.isInventoryCxn() -> boolean	X			
MatrixCxnDef.isInventoryCxn() -> boolean	X			
CxnOcc.isRightAngled() -> boolean	X			
CxnOcc.setRightAngled(boolean) -> boolean	X			
ExtModelOptions.setModelGridSize(int) -> void	X			
ModelOptions.setModelGridSize(int) -> void	X			
MethodFilter.setMethodLocale(int) -> boolean	X			
ArisData.getExecutionState() -> ExecutionState	X			
<b>Process</b>				
HumanTaskWrapper.getDescription(int) -> String	X			
HumanTaskWrapper.getName(int) -> String	X			
<b>Others</b>				
ARCMComponent.synchronizeToARCM(ARCMClientRepresentation,byte [],boolean) -> ARCMJobResponse	X			
Merge.createVariant(ArisObject[],Group,boolean) -> MergeScriptResult	X			
ModellingContextItemWrapper.getName(int) -> String	X			
SM72.createOptions(Group,String) -> SM72ReportOptions	X			
SM72.createOptions(ObjDef,boolean) -> SM72ReportOptions	X			
SM72.synchronize(ObjDef,SM72ReportOptions) -> SM72Result	X			
SM72ReportOptions.setAddProjectRole(boolean) -> void	X			
SM72ReportOptions.setAddStructure(boolean) -> void	X			
SM72ReportOptions.setAddTCode(boolean) -> void	X			
SM72ReportOptions.setAttributeAdd(boolean) -> void	X			
SM72ReportOptions.setAttributeDelete(boolean) -> void	X			
SM72ReportOptions.setChangeDocumentKey(String) -> void	X			
SM72ReportOptions.setDeleteDocumentation(boolean) -> void	X			
SM72ReportOptions.setDeleteMasterData(boolean) -> void	X			



REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
SM72ReportOptions.setDeleteOrgUnits(boolean) -> void	X			
SM72ReportOptions.setDeleteProjectRole(boolean) -> void	X			
SM72ReportOptions.setDeleteShortcutAndSlaveWithMaster(boolean) -> void	X			
SM72ReportOptions.setDeleteStructure(boolean) -> void	X			
SM72ReportOptions.setDeleteTCode(boolean) -> void	X			
SM72ReportOptions.setDeleteWebLink(boolean) -> void	X			
SM72ReportOptions.setRecursive(boolean) -> void	X			
SM72ReportOptions.setRelayoutFad(boolean) -> void	X			
SM72ReportOptions.setRenameStructure(boolean) -> void	X			
SM72ReportOptions.setRoleTypes(int) -> void	X			
SM72ReportOptions.setSAPLogonLanguage(String) -> void	X			
SM72ReportOptions.setSAPLogonPassword(String) -> void	X			
SM72ReportOptions.setSAPLogonUser(String) -> void	X			
SM72ReportOptions.setSynchPoolRole(boolean) -> void	X			
SM72ReportOptions.setTemplateGuid(String) -> void	X			
SM72ReportOptions.setTransferDocumentation(boolean) -> void	X			
SM72ReportOptions.setTransferMasterData(boolean) -> void	X			
SM72ReportOptions.setTransferOrgUnits(boolean) -> void	X			
SM72ReportOptions.setTransferWebLink(boolean) -> void	X			
SM72ReportOptions.setWebLinkDocumentTypeKey(String) -> void	X			
SM72ReportOptions.setWebLinkPrefix(String) -> void	X			
SM72Result.getErrorMessage() -> String	X			
SM72Result.getLogFileName() -> String	X			
SM72Result.getResult() -> int	X			
UMC.getAllLicenseUsageMapByDay() -> Map			X	
UMC.getLicenseUsageMapByDay(Date,Date) -> Map			X	

## 6 Changes from 10.0 SR6 to 10.0 SR8

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR6 and ARIS 10.0 SR8.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 6.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE__SUBGROUPS	X			
DMN_BUILTIN_AGGREGATOR_SUM	X			
DMN_FEEL_DATATYPE_YEARS_AND_MONTHS_DURATION	X			
FORMAT_DMN_11	X			
FORMAT_DMN_12	X			
GROUP_GUID	X			
INCLUDE__SUBGROUPS	X			
CREATED_MODEL_OID_PROPERTY			X	
DMN_BUILTIN_AGGRAGATOR_SUM			X	
DMN_FEEL_DATATYPE_YEARS_AND_MONTS_DURATION			X	
LOG_PROPERTY			X	
<b>ARIS attribute types</b>				
AT_ACTUAL_USERS	X			
AT_AUTO_COMPLETE	X			
AT_CMMN_ATG	X			
AT_CMMN_DEFAULT_CTRL_ATG	X			
AT_CONTEXT_PARAMETERS	X			
AT_DEFINITION	X			
AT_FLOW_ID	X			
AT_FLOW_STATUS	X			
AT_FULL_ANNOTATION	X			
AT_MANUAL_ACTIVATION_RULE_EXPRESSION	X			
AT_MANUAL_ACTIVATION_RULE_NAME	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE_SUBGROUPS	X			
<b>AT_MEMBERS</b>	X			
AT_PROVIDER_REF	X			
AT_REPETITION_RULE_EXPRESSION	X			
AT_REPETITION_RULE_NAME	X			
AT_REQUIRED_RULE_EXPRESSION	X			
AT_REQUIRED_RULE_NAME	X			
AT_SHARED	X			
AT_SM72_INTERFACE_TECHNOLOGY	X			
AT_SM72_INTERFACE_TYPE	X			
AT_SM72_MIDDLEWARE_COMPONENT	X			
AT_SM72_RECEIVING_COMPONENT	X			
AT_SM72_SAP_SOLUTIONS	X			
AT_SM72_SENDING_COMPONENT	X			
AT_SM72_TESTCASE_ASSIGNMENT	X			
AT_STAGE_NAME	X			
AT_TEAMS	X			
AT_USERS	X			
AT_SAP_BW_COMPOUNDING			X	
AT_SAP_BW_TRANS_FUNC_ATG			X	
<b>ARIS attribute value types</b>				
AVT_SM72_APPL_LINK_ENABLING_IDOC	X			
AVT_SM72_BATCH_INPUT	X			
AVT_SM72_BUSINESS_DOCUMENTS	X			
AVT_SM72_COMPOSITE_INTERFACE	X			
AVT_SM72_DIRECT_INPUT	X			
AVT_SM72 EDI_USING_IDOCS	X			
AVT_SM72_GENERAL_FILE_BASED_INTERFACE	X			
AVT_SM72_HTTP_WEBSERVICE	X			
AVT_SM72_INTERFACE	X			
AVT_SM72_INTERFACE_FOLDER	X			
AVT_SM72_JAVA_MESSAGE_SERVICE	X			
AVT_SM72_OTHER	X			
AVT_SM72_PROCESS_INTEGRATION_ORCHESTRATION	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE_SUBGROUPS	X			
AVT_SM72_REMOTE_DB_ACCESS	X			
AVT_SM72_RFC	X			
AVT_SM72_SAP_WORKFLOW	X			
AVT_SM72_TESTCASE_ADDITIVE	X			
AVT_SM72_TESTCASE_EXCLUSIVE	X			
AVT_SM72_UNSPECIFIED	X			
<b>ARIS connection types</b>				
CT_CMMN_HAS_ITEM_CONTROL	X			
CT_ASSIGNS_TO			X	
CT_QUEUES			X	
<b>ARIS model types</b>				
MT_TASK_DEFINITION			x	
<b>ARIS object types</b>				
OT_CMMN_PLAN_ITEM_CONTROL	X			
OT_FLOW	X			
OT_TEAM	X			
OT_ENERGY			X	
<b>ARIS symbol types</b>				
ST_ATTENDED_SOFTWARE_ROBOT	X			
ST_CMMN_PLAN_ITEM_CONTROL	X			
ST_FLOW_1	X			
ST_ROBOT_OPERATING_PROCEDURE	X			
ST_SOFTWARE_ROBOT	X			
ST_TEAM	X			
ST_ENERGY			X	
ST_INFO_DOMAIN			X	
ST_SELECT_ITEM			X	
ST_TASK_ACTION			X	
ST_TASK_DEFINITION			X	
ST_TASK_EVENT			X	

## 6.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ADS</b>				
ADSDocument.getRepository() -> ADSRepository	X			
ADSFolder.getRepository() -> ADSRepository	X			
ADSRepository.getRepositoryName() -> String	X			
ADSRepository.setPermissions(ADSFolder,String[],String,String) -> boolean	X			
ADSRepository.setPermissions(ADSFolder,String[],String) -> boolean			X	
<b>ARIS standard Report API</b>				
ComObjOcc.getEmbeddedDocument() -> NamedFile	X			
LayoutParameters.getAllowCxnRoutingAcrossObjects() -> boolean	X			
LayoutParameters.setAllowCxnRoutingAcrossObjects(boolean) -> void	X			
LayoutParameters.getLeftMargin() -> int	X			
LayoutParameters.getTopMargin() -> int	X			
LayoutParameters.setLeftMargin(int) -> void	X			
LayoutParameters.setTopMargin(int) -> void	X			
DialogTemplate.DateChooser(int,int,int,int,String) -> void	X			
OutputObject.BeginTable(int,List,int,int,int,int,int) -> void (enable to define multiple repeated header rows for a cross table)	X			
OutputObject.BeginTable(int,int,int,int,int,int) -> void (enable to define multiple repeated header rows for a table)	X			
OutputObject.getBottomMargin() -> double	X			
OutputObject.getLeftMargin() -> double	X			
OutputObject.getRightMargin() -> double	X			
OutputObject.getTopMargin() -> double	X			
OutputObject.getPageHeight() -> double	X			
OutputObject.getPageWidth() -> double	X			
OutputObject.setBottomMargin(double) -> void	X			
OutputObject.setLeftMargin(double) -> void	X			
OutputObject.setRightMargin(double) -> void	X			
OutputObject.setTopMargin(double) -> void	X			
OutputObject.setPageHeight(double) -> void	X			
OutputObject.setPageWidth(double) -> void	X			
ExtendedOutputObject.InsertEmbeddedDocument(String,byte[]) -> boolean	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ExtendedOutputObject.getFormatDetails(String) -> FormatTemplate	X			
ExtendedOutputObject.getFormatDetails(int) -> FormatTemplate	X			
<b>Report runtime property "excel-formulas-allowed" (default=true/default in public cloud: false)</b>				
Context.setProperty("excel-formulas-allowed", false) //formulas are not allowed in subsequent calls	X			
Context.setProperty("excel-formulas-allowed", true) //formulas are allowed in subsequent calls	X			
<b>Decision Model and Notation (DMN)</b>				
DmnBuiltinAggregator.compareTo(Enum) -> int	X			
DmnBuiltinAggregator.compareTo(Object) -> int	X			
DmnBuiltinAggregator.equals(Object) -> boolean	X			
DmnBuiltinAggregator.getDeclaringClass() -> Class	X			
DmnBuiltinAggregator.getLocalizedName(Locale) -> String	X			
DmnBuiltinAggregator.getName() -> String	X			
DmnBuiltinAggregator.getOperator() -> char	X			
DmnBuiltinAggregator.hashCode() -> int	X			
DmnBuiltinAggregator.name() -> String	X			
DmnBuiltinAggregator.ordinal() -> int	X			
DmnBuiltinAggregator.toString() -> String	X			
DmnBuiltinAggregator.valueOf(Class,String) -> Enum	X			
DmnBuiltinAggregator.valueOf(String) -> DmnBuiltinAggregator	X			
DmnBuiltinAggregator.values() -> DmnBuiltinAggregator[]	X			
DmnDecisionTableOrientation.compareTo(Enum) -> int	X			
DmnDecisionTableOrientation.compareTo(Object) -> int	X			
DmnDecisionTableOrientation.equals(Object) -> boolean	X			
DmnDecisionTableOrientation.getDeclaringClass() -> Class	X			
DmnDecisionTableOrientation.getLocalizedName(Locale) -> String	X			
DmnDecisionTableOrientation.getName() -> String	X			
DmnDecisionTableOrientation.hashCode() -> int	X			
DmnDecisionTableOrientation.name() -> String	X			
DmnDecisionTableOrientation.ordinal() -> int	X			
DmnDecisionTableOrientation.toString() -> String	X			
DmnDecisionTableOrientation.valueOf(Class,String) -> Enum	X			
DmnDecisionTableOrientation.valueOf(String) -> DmnDecisionTableOrientation	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnDecisionTableOrientation.values() -> DmnDecisionTableOrientation[]	X			
DmnEnumerationType.getLocalizedName(Locale) -> String	X			
DmnEnumerationType.getName() -> String	X			
DmnFeelDatatype.compareTo(Enum) -> int	X			
DmnFeelDatatype.compareTo(Object) -> int	X			
DmnFeelDatatype.equals(Object) -> boolean	X			
DmnFeelDatatype.fromExternalName(String) -> DmnFeelDatatype	X			
DmnFeelDatatype.fromName(String) -> DmnFeelDatatype	X			
DmnFeelDatatype.fromQualifiedName(String) -> DmnFeelDatatype	X			
DmnFeelDatatype.getDeclaringClass() -> Class	X			
DmnFeelDatatype.getExternalName() -> String	X			
DmnFeelDatatype.getLocalizedName(Locale) -> String	X			
DmnFeelDatatype.getName() -> String	X			
DmnFeelDatatype.getQualifiedName() -> String	X			
DmnFeelDatatype.hashCode() -> int	X			
DmnFeelDatatype.name() -> String	X			
DmnFeelDatatype.ordinal() -> int	X			
DmnFeelDatatype.toString() -> String	X			
DmnFeelDatatype.valueOf(Class,String) -> Enum	X			
DmnFeelDatatype.valueOf(String) -> DmnFeelDatatype	X			
DmnFeelDatatype.values() -> DmnFeelDatatype[]	X			
DmnHitPolicy.compareTo(Enum) -> int	X			
DmnHitPolicy.compareTo(Object) -> int	X			
DmnHitPolicy.equals(Object) -> boolean	X			
DmnHitPolicy.getDeclaringClass() -> Class	X			
DmnHitPolicy.getIndicator() -> char	X			
DmnHitPolicy.getLocalizedName(Locale) -> String	X			
DmnHitPolicy.getName() -> String	X			
DmnHitPolicy.hashCode() -> int	X			
DmnHitPolicy.name() -> String	X			
DmnHitPolicy.ordinal() -> int	X			
DmnHitPolicy.toString() -> String	X			
DmnHitPolicy.valueOf(Class,String) -> Enum	X			
DmnHitPolicy.valueOf(String) -> DmnHitPolicy	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnHitPolicy.values() -> DmnHitPolicy[]	X			
DmnLocalizedString.getLocaleId() -> int	X			
DmnLocalizedString.getValue() -> String	X			
DmnLocalizedString.hasDatabaseLanguage() -> boolean	X			
ModelInterchange.startDmnExport(ModelExportOptions,int) -> ModelExportResult	X			
ModelInterchange.startDmnImport(ModelImportOptions,int) -> ModelImportResult	X			
<b>Semantic check</b>				
CurrentRule.getRuleDescription(int) -> String	X			
CurrentRule.getRuleName(int) -> String	X			
CurrentRule.getRuleParameterValue(String) -> String	X			
CurrentRule.getRuleParameters() -> String[]	X			
CurrentRule.getRuleUserDefinedType(int) -> String	X			
CurrentRule.getSeverity() -> int	X			
<b>Process</b>				
ArchivedInstanceFilter.getArchivedBy() -> String	X			
ArchivedInstanceFilter.getArchivingDateFrom() -> String	X			
ArchivedInstanceFilter.getArchivingDateTo() -> String	X			
ArchivedInstanceFilter.getCompletionDateFrom() -> String	X			
ArchivedInstanceFilter.getCompletionDateTo() -> String	X			
ArchivedInstanceFilter.getContextName() -> String	X			
ArchivedInstanceFilter.getInstanceId() -> String	X			
ArchivedInstanceFilter.getProcessId() -> String	X			
ArchivedInstanceFilter.getProcessName() -> String	X			
ArchivedInstanceFilter.getStartDateFrom() -> String	X			
ArchivedInstanceFilter.getStartDateTo() -> String	X			
ArchivedInstanceFilter.setArchivedBy(String) -> void	X			
ArchivedInstanceFilter.setArchivingDateFrom(String) -> void	X			
ArchivedInstanceFilter.setArchivingDateTo(String) -> void	X			
ArchivedInstanceFilter.setCompletionDateFrom(String) -> void	X			
ArchivedInstanceFilter.setCompletionDateTo(String) -> void	X			
ArchivedInstanceFilter.setContextName(String) -> void	X			
ArchivedInstanceFilter.setInstanceId(String) -> void	X			
ArchivedInstanceFilter.setProcessId(String) -> void	X			



REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ArchivedInstanceFilter.setProcessName(String) -> void	X			
ArchivedInstanceFilter.setStartDateFrom(String) -> void	X			
ArchivedInstanceFilter.setStartDateTo(String) -> void	X			
ArchivedInstanceWrapper.getArchivedSizeInBytes() -> int	X			
ArchivedInstanceWrapper.getArchivingDate() -> String	X			
ArchivedInstanceWrapper.getArchivingUser() -> String	X			
ArchivedInstanceWrapper.getCompletionDate() -> String	X			
ArchivedInstanceWrapper.getContextName() -> String	X			
ArchivedInstanceWrapper.getExecutor() -> String	X			
ArchivedInstanceWrapper.getId() -> String	X			
ArchivedInstanceWrapper.getProcessId() -> String	X			
ArchivedInstanceWrapper.getProcessName() -> String	X			
ArchivedInstanceWrapper.getStartDate() -> String	X			
Process.createArchivedInstanceFilter() -> ArchivedInstanceFilter	X			
Process.deleteArchivedInstances(List) -> OperationResult	X			
Process.deleteInstances(List) -> OperationResult	X			
Process.getArchivedInstances(ArchivedInstanceFilter) -> List	X			
Process.unarchiveInstances(List) -> OperationResult	X			
OperationResult.getErrors() -> List	X			
OperationResult.getState() -> boolean	X			

## 7 Changes from 10.0 SR4 to 10.0 SR6

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR4 and ARIS 10.0 SR6.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 7.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
DMN_BUILTIN_AGGREGATOR_SUM	X			
DMN_BUILTIN_AGGREGATOR_COUNT	X			
DMN_BUILTIN_AGGREGATOR_MAX	X			
DMN_BUILTIN_AGGREGATOR_MIN	X			
DMN_DECISION_TABLE_ORIENTATION_CROSS_TABLE	X			
DMN_DECISION_TABLE_ORIENTATION_RULE_AS_COLUMN	X			
DMN_DECISION_TABLE_ORIENTATION_RULE_AS_ROW	X			
DMN_FEEL_DATATYPE_BOOLEAN	X			
DMN_FEEL_DATATYPE_DATE_AND_TIME	X			
DMN_FEEL_DATATYPE_DAYS_AND_TIME_DURATION	X			
DMN_FEEL_DATATYPE_NUMBER	X			
DMN_FEEL_DATATYPE_STRING	X			
DMN_FEEL_DATATYPE_TIME	X			
DMN_FEEL_DATATYPE_YEARS_AND_MONTHS_DURATION	X			
DMN_HIT_POLICY_ANY	X			
DMN_HIT_POLICY_COLLECT	X			
DMN_HIT_POLICY_FIRST	X			
DMN_HIT_POLICY_OUTPUT_ORDER	X			
DMN_HIT_POLICY_PRIORITY	X			
DMN_HIT_POLICY_RULE_ORDER	X			
DMN_HIT_POLICY_UNIQUE	X			
INITIATORS_HANDOVER	X			
INSTANCE_STATUS_COMPLETED	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
INSTANCE_STATUS_FAILED	X			
INSTANCE_STATUS_IDLE	X			
INSTANCE_STATUS_RUNNING	X			
INSTANCE_STATUS_SUSPENDED	X			
INSTANCE_STATUS_TERMINATED	X			
LANGUAGE_ARABIC	X			
SEARCH_RESULT_TABLE	X			
USERROLE_TYPE_CONTROLAUDITOR	X			
<b>ARCM</b>				
ARCM_ENUM_CONTROLPERIOD_TWOYEARS	X			
ARCM_ENUM_INITIATORS_HANDOVER	X			
ARCM_ENUM_LANGUAGE_ARABIC	X			
ARCM_ENUM_USERROLE_TYPE_CONTROLAUDITOR	X			
CONTROLPERIOD_TWOYEARS	X			
<b>ARIS attribute types</b>				
AT_BASE_TYPE	X			
AT_DMN_ATG_2	X			
AT_ENTITY_CONTAINER	X			
AT_ENTITY_SET	X			
AT_ENTITY_TYPE	X			
AT_FEEL_DATA_TYPE	X			
AT_IS_COLLECTION	X			
AT_IS_KEY	X			
AT_IS_PRIMITIVE	X			
AT_JSON_SCHEMA_ENUM	X			
AT_JSON_SCHEMA_EXAMPLE	X			
AT_JSON_SCHEMA_FORMAT	X			
AT_JSON_SCHEMA_MAXIMUM	X			
AT_JSON_SCHEMA_MINIMUM	X			
AT_JSON_SCHEMA_PATTERN	X			
AT_JSON_SCHEMA_REQUIRED_ELEMS	X			
AT_MAXLENGTH	X			
AT_MIME_TYPE	X			
AT_ODATA_VERSION	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_OPERATION_REF	X			
AT_OPERATION_TYPE	X			
AT_PRECISION	X			
AT_REFERENCE	X			
AT_SAP_ENABLE_NOW_ATG	X			
AT_SCALE	X			
AT_SEN_ENABLE_NOW_LINK	X			
AT_SEN_ENABLE_NOW_RELEVANT	X			
AT_SM72_PROCESS_LINK	X			
AT_STRUCTURAL_KIND	X			
<b>ARIS attribute value types</b>				
AVT_FEEL_BOOLEAN	X			
AVT_FEEL_DATE_AND_TIME	X			
AVT_FEEL_DAYS_AND_TIME_DURATION	X			
AVT_FEEL_NUMBER	X			
AVT_FEEL_STRING	X			
AVT_FEEL_TIME	X			
AVT_FEEL_YEARS_AND_MONTHS_DURATION	X			
AVT_SM72_EXECUTABLES_FOLDER	X			
AVT_TWO_YEARS	X			
<b>ARIS connection types</b>				
CT_HAS_CALLBACK	X			
CT_HAS_EDM_OPERATION	X			
CT_HAS_EDM_OPERATIONIMPORT	X			
CT_HAS_EDM_PROPERTY	X			
CT_HAS_EDM_RETURNTYPE	X			
CT_HAS_FINANCIAL_FLOW_TO	X			
CT_HAS_HEADER	X			
CT_HAS_INFLUENCE_ON	X			
CT_HAS_INFORMATION_FLOW_TO	X			
CT_HAS_ITEM	X			
CT_HAS_MATERIAL_FLOW_TO	X			
CT_HAS_REQUEST_BODY	X			
CT_REFERENCES_EDM_OPERATION	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_REFERENCES_EDM_STRUCTURE	X			
CT_USES_METHOD	X			
<b>ARIS model types</b>				
MT_BUSINESS_ECOSYSTEM	X			
<b>ARIS object types</b>				
OT_CALLBACK	X			
OT_COMPONENT	X			
OT_EDM_OPERATION	X			
OT_EDM_OPERATIONIMPORT	X			
OT_EDM_PROPERTY	X			
OT_EDM_STRUCTURAL_TYPE	X			
OT_JSON_SCHEMA_TYPE	X			
OT_LINK	X			
OT_ODATA_SERVICE	X			
OT_REQUEST_BODY	X			
<b>ARIS lane types</b>				
LT_REQUIREMENT	X			
<b>ARIS symbol types</b>				
ST_CALLBACK	X			
ST_COMPONENT	X			
ST_EDM_OPERATION	X			
ST_EDM_OPERATIONIMPORT	X			
ST_EDM_PROPERTY	X			
ST_EDM_STRUCTURAL_TYPE	X			
ST_JSON_SCHEMA_TYPE	X			
ST_LINK	X			
ST_ODATA_SERVICE	X			
ST_REQUEST_BODY	X			
<b>Script constants: now also available in report scripts</b>				
EVENT_...	X			
EVENTID_...	X			
EVENT_ARGUMENTS_...	X			

## 7.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ResultProperty.getDuration() -> Duration	X			
ResultProperty.getTime() -> Instant	X			
<b>ADS</b>				
ADSDocumentMetaInfo.getOwner() -> UmcUser	X			
ADSDocumentMetaInfo.setOwner(UmcUser) -> void				
ADSRepository.createDocumentMetaInfo(String,String,String,ADSDocumentAttribute[],String[],UmcUser) -> ADSDocumentMetaInfo	X			
ADSRepository.moveFolder(ADSFolder,ADSFolder) -> ADSFolder	X			
ADSRepository.updateDocument(ADSDocument,ADSDocumentMetaInfo) -> ADSDocument	X			
ADSRepository.updateDocumentContent(ADSDocument,ADSDocumentMetaInfo,InputStream,String) -> ADSDocument	X			
<b>ARCM</b>				
ARCMAppObjectMetadata.getDataKind() -> String	X			
<b>Model export/import</b>				
ModelExportOptions.setLocale(int) -> void	X			
ModelExportOptions.setModelsToExport(Model) -> void	X			
ModelExportOptions.setModelsToExport(Model[]) -> void	X			
ModelExportResult.getDuration() -> long	X			
ModelExportResult.getFileResult() -> byte[]	X			
ModelExportResult.getMessages() -> String[]	X			
ModelExportResult.isSuccessful() -> boolean	X			
ModelImportOptions.mergeOnConflict(boolean) -> void	X			
ModelImportOptions.setFileInBytes(byte[]) -> void	X			
ModelImportOptions.setLocale(int) -> void	X			
ModelImportOptions.setTargetGroup(Group) -> void	X			
ModelImportResult.getDuration() -> long	X			
ModelImportResult.getImportedModelOIDs() -> OID[]	X			
ModelImportResult.getMessages() -> String[]	X			
ModelImportResult.isSuccessful() -> boolean	X			
ModelInterchange.createExportOptions() -> ModelExportOptions	X			
ModelInterchange.createImportOptions() -> ModelImportOptions	X			
ModelInterchange.startBpmnExport(ModelExportOptions) -> ModelExportResult	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ModelInterchange.startBpmnImport(ModelImportOptions) -> ModelImportResult	X			
ModelInterchange.validateBpmnDiagramForExport(Model) -> ModelValidationResult[]	X			
ModelValidationResult.getMessageLevel() -> int	X			
ModelValidationResult.getMessages() -> String[]	X			
ModelValidationResult.getOID() -> String	X			
<b>ARIS standard Report API</b>				
Output.OutGraphic(Picture,double,double,double) -> void (replaced int by double)		X		
Picture.GetSize() -> double[] (result type double instead of int)		X		
Picture.getHeight(int) -> double (result type double instead of int)		X		
Picture.getWidth(int) -> double (result type double instead of int)		X		
ExtendedOutputObject.getMetadata() -> Map	X			
XlsWorkbook.getMetadata() -> Map	X			
<b>Decision Model and Notation (DMN)</b>				
DMN.createDmnContext(Database) -> DmnContext	X			
DMN.getDecisionTable(Model,DmnContext) -> DmnDecisionTable	X			
DMN.getItemDefinition(ObjDef,DmnContext) -> DmnItemDefinition	X			
DMN.setDecisionTable(Model,DmnDecisionTable,Set) -> void	X			
DMN.setItemDefinition(ObjDef,DmnItemDefinition) -> void	X			
DmnArId.equals(Object) -> boolean	X			
DmnArId.getOid() -> OID	X			
DmnArId.getTemplId() -> Integer	X			
DmnArId.hashCode() -> int	X			
DmnArId.isTemporary() -> boolean	X			
DmnCompositeList.add(DmnElement) -> boolean	X			
DmnCompositeList.add(int,DmnElement) -> boolean	X			
DmnCompositeList.createElement() -> DmnElement	X			
DmnCompositeList.createElementAt(int) -> DmnElement	X			
DmnCompositeList.forEach(Consumer) -> void	X			
DmnCompositeList.get(int) -> DmnElement	X			
DmnCompositeList.getOwner() -> DmnElement	X			
DmnCompositeList.isReadOnly() -> boolean	X			
DmnCompositeList.iterator() -> Iterator	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnCompositeList.move(int,int) -> void	X			
DmnCompositeList.remove(DmnElement) -> boolean	X			
DmnCompositeList.removeAt(int) -> DmnElement	X			
DmnCompositeList.size() -> int	X			
DmnCompositeList.spliterator() -> Spliterator	X			
DmnContext.getDatabaseLocaleId() -> int	X			
DmnContext.getDefaultLocaleId() -> int	X			
DmnDecisionRule.getAllDescriptions() -> Map	X			
DmnDecisionRule.getAllExternallyReferencedElements(Class) -> Set	X			
DmnDecisionRule.getAllLabels() -> Map	X			
DmnDecisionRule.getAnnotationEntries() -> DmnCompositeList	X			
DmnDecisionRule.getContext() -> DmnContext	X			
DmnDecisionRule.getDecisionTable() -> DmnDecisionTable	X			
DmnDecisionRule.getDescription() -> DmnLocalizedString	X			
DmnDecisionRule.getDescription(int) -> String	X			
DmnDecisionRule.getExternalReference() -> DmnExternalReference	X			
DmnDecisionRule.getId() -> String	X			
DmnDecisionRule.getInputEntries() -> DmnCompositeList	X			
DmnDecisionRule.getLabel() -> DmnLocalizedString	X			
DmnDecisionRule.getLabel(int) -> String	X			
DmnDecisionRule.getOutputEntries() -> DmnCompositeList	X			
DmnDecisionRule.getOwner() -> DmnElement	X			
DmnDecisionRule.getOwningArisElement() -> DmnArisElement	X			
DmnDecisionRule.isDeleted() -> boolean	X			
DmnDecisionRule.isReadOnly() -> boolean	X			
DmnDecisionRule.setDescription(String) -> void	X			
DmnDecisionRule.setDescription(String,int) -> void	X			
DmnDecisionRule.setId(String) -> void	X			
DmnDecisionRule.setLabel(String) -> void	X			
DmnDecisionRule.setLabel(String,int) -> void	X			
DmnDecisionTable.getAggregation() -> DmnBuiltinAggregator	X			
DmnDecisionTable.getAllDescriptions() -> Map	X			
DmnDecisionTable.getAllExternallyReferencedElements(Class) -> Set	X			
DmnDecisionTable.getAllLabels() -> Map	X			



New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnDecisionTable.getAllNames() -> Map	X			
DmnDecisionTable.getAllOutputLabels() -> Map	X			
DmnDecisionTable.getAnnotations() -> DmnCompositeList	X			
DmnDecisionTable.getArisGroupld() -> OID	X			
DmnDecisionTable.getArisld() -> DmnArisld	X			
DmnDecisionTable.getArisItemKind() -> int	X			
DmnDecisionTable.getArisType() -> int	X			
DmnDecisionTable.getColumnCount() -> int	X			
DmnDecisionTable.getColumnWidth(int) -> int	X			
DmnDecisionTable.getContext() -> DmnContext	X			
DmnDecisionTable.getDatatype() -> DmnFeelDatatype	X			
DmnDecisionTable.getDecision() -> DmnDecision	X			
DmnDecisionTable.getDescription() -> DmnLocalizedString	X			
DmnDecisionTable.getDescription(int) -> String	X			
DmnDecisionTable.getElementsAt(int,int) -> List	X			
DmnDecisionTable.getExternalReference() -> DmnExternalReference	X			
DmnDecisionTable.getGuid() -> GUID	X			
DmnDecisionTable.getHitPolicy() -> DmnHitPolicy	X			
DmnDecisionTable.getId() -> String	X			
DmnDecisionTable.getInputs() -> DmnCompositeList	X			
DmnDecisionTable.getLabel() -> DmnLocalizedString	X			
DmnDecisionTable.getLabel(int) -> String	X			
DmnDecisionTable.getName() -> DmnLocalizedString	X			
DmnDecisionTable.getName(int) -> String	X			
DmnDecisionTable.getOutputLabel() -> DmnLocalizedString	X			
DmnDecisionTable.getOutputLabel(int) -> String	X			
DmnDecisionTable.getOutputs() -> DmnCompositeList	X			
DmnDecisionTable.getOwner() -> DmnElement	X			
DmnDecisionTable.getOwningArisElement() -> DmnArisElement	X			
DmnDecisionTable.getPreferredOrientation() -> DmnDecisionTableOrientation	X			
DmnDecisionTable.getRowCount() -> int	X			
DmnDecisionTable.getRules() -> DmnCompositeList	X			
DmnDecisionTable.getType() -> DmnItemDefinition	X			
DmnDecisionTable.getTypeRef() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnDecisionTable.isDeleted() -> boolean	X			
DmnDecisionTable.isModified() -> boolean	X			
DmnDecisionTable.isNew() -> boolean	X			
DmnDecisionTable.isReadOnly() -> boolean	X			
DmnDecisionTable.setAggregation(DmnBuiltinAggregator) -> void	X			
DmnDecisionTable.setColumnWidth(int,int) -> void	X			
DmnDecisionTable.setDatatype(DmnFeelDatatype) -> void	X			
DmnDecisionTable.setDescription(String) -> void	X			
DmnDecisionTable.setDescription(String,int) -> void	X			
DmnDecisionTable.setHitPolicy(DmnHitPolicy) -> void	X			
DmnDecisionTable.setId(String) -> void	X			
DmnDecisionTable.setLabel(String) -> void	X			
DmnDecisionTable.setLabel(String,int) -> void	X			
DmnDecisionTable.setName(String) -> void	X			
DmnDecisionTable.setName(String,int) -> void	X			
DmnDecisionTable.setOutputLabel(String) -> void	X			
DmnDecisionTable.setOutputLabel(String,int) -> void	X			
DmnDecisionTable.setPreferredOrientation(DmnDecisionTableOrientation) -> void	X			
DmnDecisionTable.setType(DmnItemDefinition) -> void	X			
DmnDecisionTable.setTypeRef(String) -> void	X			
DmnElement.getAllDescriptions() -> Map	X			
DmnElement.getAllExternallyReferencedElements(Class) -> Set	X			
DmnElement.getAllLabels() -> Map	X			
DmnElement.getContext() -> DmnContext	X			
DmnElement.getDescription() -> DmnLocalizedString	X			
DmnElement.getDescription(int) -> String	X			
DmnElement.getExternalReference() -> DmnExternalReference	X			
DmnElement.getId() -> String	X			
DmnElement.getLabel() -> DmnLocalizedString	X			
DmnElement.getLabel(int) -> String	X			
DmnElement.getOwner() -> DmnElement	X			
DmnElement.getOwningArisElement() -> DmnArisElement	X			
DmnElement.isDeleted() -> boolean	X			
DmnElement.isReadOnly() -> boolean	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnElement.setDescription(String) -> void	X			
DmnElement.setDescription(String,int) -> void	X			
DmnElement.setId(String) -> void	X			
DmnElement.setLabel(String) -> void	X			
DmnElement.setLabel(String,int) -> void	X			
DmnElementList.add(DmnElement) -> boolean	X			
DmnElementList.add(int,DmnElement) -> boolean	X			
DmnElementList.forEach(Consumer) -> void	X			
DmnElementList.get(int) -> DmnElement	X			
DmnElementList.getOwner() -> DmnElement	X			
DmnElementList.isReadOnly() -> boolean	X			
DmnElementList.iterator() -> Iterator	X			
DmnElementList.move(int,int) -> void	X			
DmnElementList.remove(DmnElement) -> boolean	X			
DmnElementList.removeAt(int) -> DmnElement	X			
DmnElementList.size() -> int	X			
DmnElementList.spliterator() -> Spliterator	X			
DmnExpression.getAllDescriptions() -> Map	X			
DmnExpression.getAllExternallyReferencedElements(Class) -> Set	X			
DmnExpression.getAllLabels() -> Map	X			
DmnExpression.getContext() -> DmnContext	X			
DmnExpression.getDatatype() -> DmnFeelDatatype	X			
DmnExpression.getDecision() -> DmnDecision	X			
DmnExpression.getDescription() -> DmnLocalizedString	X			
DmnExpression.getDescription(int) -> String	X			
DmnExpression.getExternalReference() -> DmnExternalReference	X			
DmnExpression.getId() -> String	X			
DmnExpression.getLabel() -> DmnLocalizedString	X			
DmnExpression.getLabel(int) -> String	X			
DmnExpression.getOwner() -> DmnElement	X			
DmnExpression.getOwningArisElement() -> DmnArisElement	X			
DmnExpression.getType() -> DmnItemDefinition	X			
DmnExpression.getTypeRef() -> String	X			
DmnExpression.isDeleted() -> boolean	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnExpression.isReadOnly() -> boolean	X			
DmnExpression.setDatatype(DmnFeelDatatype) -> void	X			
DmnExpression.setDescription(String) -> void	X			
DmnExpression.setDescription(String,int) -> void	X			
DmnExpression.setId(String) -> void	X			
DmnExpression.setLabel(String) -> void	X			
DmnExpression.setLabel(String,int) -> void	X			
DmnExpression.setType(DmnItemDefinition) -> void	X			
DmnExpression.setTypeRef(String) -> void	X			
DmnImport.getAllDescriptions() -> Map	X			
DmnImport.getAllExternallyReferencedElements(Class) -> Set	X			
DmnImport.getAllLabels() -> Map	X			
DmnImport.getAllNames() -> Map	X			
DmnImport.getContext() -> DmnContext	X			
DmnImport.getDescription() -> DmnLocalizedString	X			
DmnImport.getDescription(int) -> String	X			
DmnImport.getExternalReference() -> DmnExternalReference	X			
DmnImport.getId() -> String	X			
DmnImport.getImportType() -> String	X			
DmnImport.getLabel() -> DmnLocalizedString	X			
DmnImport.getLabel(int) -> String	X			
DmnImport.getLocationUri() -> String	X			
DmnImport.getName() -> DmnLocalizedString	X			
DmnImport.getName(int) -> String	X			
DmnImport.getNamespace() -> String	X			
DmnImport.getOwner() -> DmnElement	X			
DmnImport.getOwningArisElement() -> DmnArisElement	X			
DmnImport.isDeleted() -> boolean	X			
DmnImport.isReadOnly() -> boolean	X			
DmnImport.setDescription(String) -> void	X			
DmnImport.setDescription(String,int) -> void	X			
DmnImport.setId(String) -> void	X			
DmnImport.setImportType(String) -> void	X			
DmnImport.setLabel(String) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnImport.setLabel(String,int) -> void	X			
DmnImport.setLocationUri(String) -> void	X			
DmnImport.setName(String) -> void	X			
DmnImport.setName(String,int) -> void	X			
DmnImport.setNamespace(String) -> void	X			
DmnImportedValues.getAllDescriptions() -> Map	X			
DmnImportedValues.getAllExternallyReferencedElements(Class) -> Set	X			
DmnImportedValues.getAllLabels() -> Map	X			
DmnImportedValues.getAllNames() -> Map	X			
DmnImportedValues.getContext() -> DmnContext	X			
DmnImportedValues.getDescription() -> DmnLocalizedString	X			
DmnImportedValues.getDescription(int) -> String	X			
DmnImportedValues.getExpressionLanguage() -> String	X			
DmnImportedValues.getExternalReference() -> DmnExternalReference	X			
DmnImportedValues.getId() -> String	X			
DmnImportedValues.getImportType() -> String	X			
DmnImportedValues.getImportedElement() -> String	X			
DmnImportedValues.getLabel() -> DmnLocalizedString	X			
DmnImportedValues.getLabel(int) -> String	X			
DmnImportedValues.getLocationUri() -> String	X			
DmnImportedValues.getName() -> DmnLocalizedString	X			
DmnImportedValues.getName(int) -> String	X			
DmnImportedValues.getNamespace() -> String	X			
DmnImportedValues.getOwner() -> DmnElement	X			
DmnImportedValues.getOwningArisElement() -> DmnArisElement	X			
DmnImportedValues.isDeleted() -> boolean	X			
DmnImportedValues.isReadOnly() -> boolean	X			
DmnImportedValues.setDescription(String) -> void	X			
DmnImportedValues.setDescription(String,int) -> void	X			
DmnImportedValues.setExpressionLanguage(String) -> void	X			
DmnImportedValues.setId(String) -> void	X			
DmnImportedValues.setImportType(String) -> void	X			
DmnImportedValues.setImportedElement(String) -> void	X			
DmnImportedValues.setLabel(String) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnImportedValues.setLabel(String,int) -> void	X			
DmnImportedValues.setLocationUri(String) -> void	X			
DmnImportedValues.setName(String) -> void	X			
DmnImportedValues.setName(String,int) -> void	X			
DmnImportedValues.setNamespace(String) -> void	X			
DmnInputClause.createInputExpression() -> DmnLiteralExpression	X			
DmnInputClause.createInputValues() -> DmnUnaryTests	X			
DmnInputClause.getAllDescriptions() -> Map	X			
DmnInputClause.getAllExternallyReferencedElements(Class) -> Set	X			
DmnInputClause.getAllLabels() -> Map	X			
DmnInputClause.getContext() -> DmnContext	X			
DmnInputClause.getDescription() -> DmnLocalizedString	X			
DmnInputClause.getDescription(int) -> String	X			
DmnInputClause.getExternalReference() -> DmnExternalReference	X			
DmnInputClause.getId() -> String	X			
DmnInputClause.getInputExpression() -> DmnLiteralExpression	X			
DmnInputClause.getInputValues() -> DmnUnaryTests	X			
DmnInputClause.getLabel() -> DmnLocalizedString	X			
DmnInputClause.getLabel(int) -> String	X			
DmnInputClause.getOwner() -> DmnElement	X			
DmnInputClause.getOwningArisElement() -> DmnArisElement	X			
DmnInputClause.isDeleted() -> boolean	X			
DmnInputClause.isReadOnly() -> boolean	X			
DmnInputClause.setDescription(String) -> void	X			
DmnInputClause.setDescription(String,int) -> void	X			
DmnInputClause.setId(String) -> void	X			
DmnInputClause.setInputExpression(DmnLiteralExpression) -> void	X			
DmnInputClause.setInputValues(DmnUnaryTests) -> void	X			
DmnInputClause.setLabel(String) -> void	X			
DmnInputClause.setLabel(String,int) -> void	X			
DmnItemDefinition.createAllowedValues() -> DmnUnaryTests	X			
DmnItemDefinition.getAllDescriptions() -> Map	X			
DmnItemDefinition.getAllExternallyReferencedElements(Class) -> Set	X			
DmnItemDefinition.getAllLabels() -> Map	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnItemDefinition.getAllNames() -> Map	X			
DmnItemDefinition.getAllowedValues() -> DmnUnaryTests	X			
DmnItemDefinition.getArisGroupId() -> OID	X			
DmnItemDefinition.getArisId() -> DmnArisId	X			
DmnItemDefinition.getArisItemKind() -> int	X			
DmnItemDefinition.getArisType() -> int	X			
DmnItemDefinition.getContext() -> DmnContext	X			
DmnItemDefinition.getDatatype() -> DmnFeelDatatype	X			
DmnItemDefinition.getDescription() -> DmnLocalizedString	X			
DmnItemDefinition.getDescription(int) -> String	X			
DmnItemDefinition.getExternalReference() -> DmnExternalReference	X			
DmnItemDefinition.getGuid() -> GUID	X			
DmnItemDefinition.getId() -> String	X			
DmnItemDefinition.getItemComponents() -> DmnCompositeList	X			
DmnItemDefinition.getLabel() -> DmnLocalizedString	X			
DmnItemDefinition.getLabel(int) -> String	X			
DmnItemDefinition.getName() -> DmnLocalizedString	X			
DmnItemDefinition.getName(int) -> String	X			
DmnItemDefinition.getOwner() -> DmnElement	X			
DmnItemDefinition.getOwningArisElement() -> DmnArisElement	X			
DmnItemDefinition.getQualifiedName() -> String	X			
DmnItemDefinition.getQualifiedName(int) -> String	X			
DmnItemDefinition.getTypeLanguage() -> String	X			
DmnItemDefinition.getTypeRef() -> String	X			
DmnItemDefinition.isCollection() -> boolean	X			
DmnItemDefinition.isDeleted() -> boolean	X			
DmnItemDefinition.isModified() -> boolean	X			
DmnItemDefinition.isNew() -> boolean	X			
DmnItemDefinition.isReadOnly() -> boolean	X			
DmnItemDefinition.setAllowedValues(DmnUnaryTests) -> void	X			
DmnItemDefinition.setDatatype(DmnFeelDatatype) -> void	X			
DmnItemDefinition.setDescription(String) -> void	X			
DmnItemDefinition.setDescription(String,int) -> void	X			
DmnItemDefinition.setId(String) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnItemDefinition.setIsCollection(boolean) -> void	X			
DmnItemDefinition.setLabel(String) -> void	X			
DmnItemDefinition.setLabel(String,int) -> void	X			
DmnItemDefinition.setName(String) -> void	X			
DmnItemDefinition.setName(String,int) -> void	X			
DmnItemDefinition.setTypeLanguage(String) -> void	X			
DmnItemDefinition.setTypeRef(String) -> void	X			
DmnLiteralExpression.createImportedValues() -> DmnImportedValues	X			
DmnLiteralExpression.getAllDescriptions() -> Map	X			
DmnLiteralExpression.getAllExternallyReferencedElements(Class) -> Set	X			
DmnLiteralExpression.getAllLabels() -> Map	X			
DmnLiteralExpression.getAllTexts() -> Map	X			
DmnLiteralExpression.getContext() -> DmnContext	X			
DmnLiteralExpression.getDatatype() -> DmnFeelDatatype	X			
DmnLiteralExpression.getDecision() -> DmnDecision	X			
DmnLiteralExpression.getDescription() -> DmnLocalizedString	X			
DmnLiteralExpression.getDescription(int) -> String	X			
DmnLiteralExpression.getExpressionLanguage() -> String	X			
DmnLiteralExpression.getExternalReference() -> DmnExternalReference	X			
DmnLiteralExpression.getId() -> String	X			
DmnLiteralExpression.getImportedValues() -> DmnImportedValues	X			
DmnLiteralExpression.getLabel() -> DmnLocalizedString	X			
DmnLiteralExpression.getLabel(int) -> String	X			
DmnLiteralExpression.getOwner() -> DmnElement	X			
DmnLiteralExpression.getOwningArisElement() -> DmnArisElement	X			
DmnLiteralExpression.getText() -> DmnLocalizedString	X			
DmnLiteralExpression.getText(int) -> String	X			
DmnLiteralExpression.getType() -> DmnItemDefinition	X			
DmnLiteralExpression.getTypeRef() -> String	X			
DmnLiteralExpression.isDeleted() -> boolean	X			
DmnLiteralExpression.isReadOnly() -> boolean	X			
DmnLiteralExpression.setDatatype(DmnFeelDatatype) -> void	X			
DmnLiteralExpression.setDescription(String) -> void	X			



New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnLiteralExpression.setDescription(String,int) -> void	X			
DmnLiteralExpression.setExpressionLanguage(String) -> void	X			
DmnLiteralExpression.setId(String) -> void	X			
DmnLiteralExpression.setImportedValues(DmnImportedValues) -> void	X			
DmnLiteralExpression.setLabel(String) -> void	X			
DmnLiteralExpression.setLabel(String,int) -> void	X			
DmnLiteralExpression.setText(String) -> void	X			
DmnLiteralExpression.setText(String,int) -> void	X			
DmnLiteralExpression.setType(DmnItemDefinition) -> void	X			
DmnLiteralExpression.setTypeRef(String) -> void	X			
DmnNamedElement.getAllDescriptions() -> Map	X			
DmnNamedElement.getAllExternallyReferencedElements(Class) -> Set	X			
DmnNamedElement.getAllLabels() -> Map	X			
DmnNamedElement.getAllNames() -> Map	X			
DmnNamedElement.getContext() -> DmnContext	X			
DmnNamedElement.getDescription() -> DmnLocalizedString	X			
DmnNamedElement.getDescription(int) -> String	X			
DmnNamedElement.getExternalReference() -> DmnExternalReference	X			
DmnNamedElement.getId() -> String	X			
DmnNamedElement.getLabel() -> DmnLocalizedString	X			
DmnNamedElement.getLabel(int) -> String	X			
DmnNamedElement.getName() -> DmnLocalizedString	X			
DmnNamedElement.getName(int) -> String	X			
DmnNamedElement.getOwner() -> DmnElement	X			
DmnNamedElement.getOwningArisElement() -> DmnArisElement	X			
DmnNamedElement.isDeleted() -> boolean	X			
DmnNamedElement.isReadOnly() -> boolean	X			
DmnNamedElement.setDescription(String) -> void	X			
DmnNamedElement.setDescription(String,int) -> void	X			
DmnNamedElement.setId(String) -> void	X			
DmnNamedElement.setLabel(String) -> void	X			
DmnNamedElement.setLabel(String,int) -> void	X			
DmnNamedElement.setName(String) -> void	X			
DmnNamedElement.setName(String,int) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnOutputClause.createDefaultOutputEntry() -> DmnLiteralExpression	X			
DmnOutputClause.createOutputValues() -> DmnUnaryTests	X			
DmnOutputClause.getAllDescriptions() -> Map	X			
DmnOutputClause.getAllExternallyReferencedElements(Class) -> Set	X			
DmnOutputClause.getAllLabels() -> Map	X			
DmnOutputClause.getAllNames() -> Map	X			
DmnOutputClause.getContext() -> DmnContext	X			
DmnOutputClause.getDefaultOutputEntry() -> DmnLiteralExpression	X			
DmnOutputClause.getDescription() -> DmnLocalizedString	X			
DmnOutputClause.getDescription(int) -> String	X			
DmnOutputClause.getExternalReference() -> DmnExternalReference	X			
DmnOutputClause.getId() -> String	X			
DmnOutputClause.getLabel() -> DmnLocalizedString	X			
DmnOutputClause.getLabel(int) -> String	X			
DmnOutputClause.getName() -> DmnLocalizedString	X			
DmnOutputClause.getName(int) -> String	X			
DmnOutputClause.getOutputDefinition() -> DmnItemDefinition	X			
DmnOutputClause.getOutputType() -> DmnFeelDatatype	X			
DmnOutputClause.getOutputValues() -> DmnUnaryTests	X			
DmnOutputClause.getOwner() -> DmnElement	X			
DmnOutputClause.getOwningArisElement() -> DmnArisElement	X			
DmnOutputClause.getTypeRef() -> String	X			
DmnOutputClause.isDeleted() -> boolean	X			
DmnOutputClause.isReadOnly() -> boolean	X			
DmnOutputClause.setDefaultOutputEntry(DmnLiteralExpression) -> void	X			
DmnOutputClause.setDescription(String) -> void	X			
DmnOutputClause.setDescription(String,int) -> void	X			
DmnOutputClause.setId(String) -> void	X			
DmnOutputClause.setLabel(String) -> void	X			
DmnOutputClause.setLabel(String,int) -> void	X			
DmnOutputClause.setName(String) -> void	X			
DmnOutputClause.setName(String,int) -> void	X			
DmnOutputClause.setOutputDefinition(DmnItemDefinition) -> void	X			
DmnOutputClause.setOutputType(DmnFeelDatatype) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnOutputClause.setOutputValues(DmnUnaryTests) -> void	X			
DmnOutputClause.setTypeRef(String) -> void	X			
DmnRuleAnnotation.getAllDescriptions() -> Map	X			
DmnRuleAnnotation.getAllExternallyReferencedElements(Class) -> Set	X			
DmnRuleAnnotation.getAllLabels() -> Map	X			
DmnRuleAnnotation.getAllTexts() -> Map	X			
DmnRuleAnnotation.getContext() -> DmnContext	X			
DmnRuleAnnotation.getDescription() -> DmnLocalizedString	X			
DmnRuleAnnotation.getDescription(int) -> String	X			
DmnRuleAnnotation.getExternalReference() -> DmnExternalReference	X			
DmnRuleAnnotation.getId() -> String	X			
DmnRuleAnnotation.getLabel() -> DmnLocalizedString	X			
DmnRuleAnnotation.getLabel(int) -> String	X			
DmnRuleAnnotation.getOwner() -> DmnElement	X			
DmnRuleAnnotation.getOwningArisElement() -> DmnArisElement	X			
DmnRuleAnnotation.getText() -> DmnLocalizedString	X			
DmnRuleAnnotation.getText(int) -> String	X			
DmnRuleAnnotation.isDeleted() -> boolean	X			
DmnRuleAnnotation.isReadOnly() -> boolean	X			
DmnRuleAnnotation.setDescription(String) -> void	X			
DmnRuleAnnotation.setDescription(String,int) -> void	X			
DmnRuleAnnotation.setId(String) -> void	X			
DmnRuleAnnotation.setLabel(String) -> void	X			
DmnRuleAnnotation.setLabel(String,int) -> void	X			
DmnRuleAnnotation.setText(String) -> void	X			
DmnRuleAnnotation.setText(String,int) -> void	X			
DmnRuleAnnotationClause.getAllDescriptions() -> Map	X			
DmnRuleAnnotationClause.getAllExternallyReferencedElements(Class) -> Set	X			
DmnRuleAnnotationClause.getAllLabels() -> Map	X			
DmnRuleAnnotationClause.getAllNames() -> Map	X			
DmnRuleAnnotationClause.getContext() -> DmnContext	X			
DmnRuleAnnotationClause.getDescription() -> DmnLocalizedString	X			
DmnRuleAnnotationClause.getDescription(int) -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnRuleAnnotationClause.getExternalReference() -> DmnExternalReference	X			
DmnRuleAnnotationClause.getId() -> String	X			
DmnRuleAnnotationClause.getLabel() -> DmnLocalizedString	X			
DmnRuleAnnotationClause.getLabel(int) -> String	X			
DmnRuleAnnotationClause.getName() -> DmnLocalizedString	X			
DmnRuleAnnotationClause.getName(int) -> String	X			
DmnRuleAnnotationClause.getOwner() -> DmnElement	X			
DmnRuleAnnotationClause.getOwningArisElement() -> DmnArisElement	X			
DmnRuleAnnotationClause.isDeleted() -> boolean	X			
DmnRuleAnnotationClause.isReadOnly() -> boolean	X			
DmnRuleAnnotationClause.setDescription(String) -> void	X			
DmnRuleAnnotationClause.setDescription(String,int) -> void	X			
DmnRuleAnnotationClause.setId(String) -> void	X			
DmnRuleAnnotationClause.setLabel(String) -> void	X			
DmnRuleAnnotationClause.setLabel(String,int) -> void	X			
DmnRuleAnnotationClause.setName(String) -> void	X			
DmnRuleAnnotationClause.setName(String,int) -> void	X			
DmnTable.getAllDescriptions() -> Map	X			
DmnTable.getAllExternallyReferencedElements(Class) -> Set	X			
DmnTable.getAllLabels() -> Map	X			
DmnTable.getColumnCount() -> int	X			
DmnTable.getColumnWidth(int) -> int	X			
DmnTable.getContext() -> DmnContext	X			
DmnTable.getDescription() -> DmnLocalizedString	X			
DmnTable.getDescription(int) -> String	X			
DmnTable.getElementsAt(int,int) -> List	X			
DmnTable.getExternalReference() -> DmnExternalReference	X			
DmnTable.getId() -> String	X			
DmnTable.getLabel() -> DmnLocalizedString	X			
DmnTable.getLabel(int) -> String	X			
DmnTable.getOwner() -> DmnElement	X			
DmnTable.getOwningArisElement() -> DmnArisElement	X			
DmnTable.getRowCount() -> int	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnTable.isDeleted() -> boolean	X			
DmnTable.isReadOnly() -> boolean	X			
DmnTable.setColumnWidth(int,int) -> void	X			
DmnTable.setDescription(String) -> void	X			
DmnTable.setDescription(String,int) -> void	X			
DmnTable.setId(String) -> void	X			
DmnTable.setLabel(String) -> void	X			
DmnTable.setLabel(String,int) -> void	X			
DmnUnaryTests.getAllDescriptions() -> Map	X			
DmnUnaryTests.getAllExternallyReferencedElements(Class) -> Set	X			
DmnUnaryTests.getAllLabels() -> Map	X			
DmnUnaryTests.getAllTexts() -> Map	X			
DmnUnaryTests.getContext() -> DmnContext	X			
DmnUnaryTests.getDescription() -> DmnLocalizedString	X			
DmnUnaryTests.getDescription(int) -> String	X			
DmnUnaryTests.getExpressionLanguage() -> String	X			
DmnUnaryTests.getExternalReference() -> DmnExternalReference	X			
DmnUnaryTests.getId() -> String	X			
DmnUnaryTests.getLabel() -> DmnLocalizedString	X			
DmnUnaryTests.getLabel(int) -> String	X			
DmnUnaryTests.getOwner() -> DmnElement	X			
DmnUnaryTests.getOwningArisElement() -> DmnArisElement	X			
DmnUnaryTests.getRuleInput() -> DmnDecisionRule	X			
DmnUnaryTests.getText() -> DmnLocalizedString	X			
DmnUnaryTests.getText(int) -> String	X			
DmnUnaryTests.isDeleted() -> boolean	X			
DmnUnaryTests.isReadOnly() -> boolean	X			
DmnUnaryTests.setDescription(String) -> void	X			
DmnUnaryTests.setDescription(String,int) -> void	X			
DmnUnaryTests.setExpressionLanguage(String) -> void	X			
DmnUnaryTests.setId(String) -> void	X			
DmnUnaryTests.setLabel(String) -> void	X			
DmnUnaryTests.setLabel(String,int) -> void	X			
DmnUnaryTests.setText(String) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DmnUnaryTests.setText(String,int) -> void	X			
<b>Process</b>				
Process.archiveInstances(List) -> ArchivingResult	X			
<b>User Management</b>				
UMC.getAllLicenseRuleViolations() -> Map				X
UMC.getAllLicenseUsageMapByDay() -> Map				X
UMC.getLicenseMonitoringActivationTime() -> Date				X
UMC.getLicenseMonitoringInterval() -> String				X
UMC.getLicenseRule() -> LicenseRule				X
UMC.getLicenseRuleViolations(Date,Date) -> Map				X
UMC.getLicenseUsageMapByDay(Date,Date) -> Map				X
UMC.isLicenseMonitoringActive() -> boolean				X
<b>Versioning</b>				
ArchivingResult.getArchivedInstances() -> List	X			
ArchivingResult.getErrors() -> List	X			
ArchivingResult.getState() -> boolean	X			

## 8 Changes from 10.0 SR2 to 10.0 SR4

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 SR2 and ARIS 10.0 SR4.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 8.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
QUERY_PROPERTYTYPE_COMBINED	X			
SHOW_RESULTS_WITHOUT_CALLBACK	X			
SILENT_MODE	X			
<b>ARCM</b>				
ARCM_ENUM_AUDITSTEPSTATUS_IN_EXECUTION	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_ALL	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_EXTREMELYSENSITIVE	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_HIGHLYSENSITIVE	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_PLEASE_SELECT	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_PUBLICDATA	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_SENSITIVE	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_VERYSENSITIVE	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_ALL	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_CONFIDENTIALDATA	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_PERSONALDATA	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_PLEASE_SELECT	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_SENSITIVEPERSONALDATA	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_UNRESTRICTED	X			
ARCM_ENUM_HIERARCHY_TYPE_DATACLUSTER	X			
ARCM_ENUM_JOBS_ARISTRANSFERJOB	X			
ARCM_ENUM_JOBS_BACKUPRUNNABLEJOB	X			
ARCM_ENUM_JOBS_RESTORERUNNABLEJOB	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ARCM_ENUM_LICENSEDCOMPONENT_DATA_PROTECTION_MANAGEMENT	X			
ARCM_ENUM_OBJ_ORIGIN_ARCHITECT	X			
ARCM_ENUM_OBJ_ORIGIN_ARCM	X			
ARCM_ENUM_SURVEY_DEPENDENCY_VISUALIZATION_ACTIVATED	X			
ARCM_ENUM_SURVEY_DEPENDENCY_VISUALIZATION_TRIGGERS	X			
ARCM_ENUM_SURVEY_DEPENDENT_VISIBLE_DEPENDENT_INVISIBLE	X			
ARCM_ENUM_SURVEY_DEPENDENT_VISIBLE_DEPENDENT_VISIBLE	X			
ARCM_ENUM_SURVEY_DEPENDENT_VISIBLE_NOT_DEPENDENT_INVISIBLE	X			
ARCM_ENUM_SURVEY_DEPENDENT_VISIBLE_NOT_DEPENDENT_VISIBLE	X			
AUDITSTEPSTATUS_IN_EXECUTION	X			
GDPR_DATASENSITIVITY_ALL	X			
GDPR_DATASENSITIVITY_EXTREMELYSENSITIVE	X			
GDPR_DATASENSITIVITY_HIGHLYSENSITIVE	X			
GDPR_DATASENSITIVITY_PLEASE_SELECT	X			
GDPR_DATASENSITIVITY_PUBLICDATA	X			
GDPR_DATASENSITIVITY_SENSITIVE	X			
GDPR_DATASENSITIVITY_VERYSENSITIVE	X			
GDPR_RESTRICTIONLEVEL_ALL	X			
GDPR_RESTRICTIONLEVEL_CONFIDENTIALDATA	X			
GDPR_RESTRICTIONLEVEL_PERSONALDATA	X			
GDPR_RESTRICTIONLEVEL_PLEASE_SELECT	X			
GDPR_RESTRICTIONLEVEL_SENSITIVEPERSONALDATA	X			
GDPR_RESTRICTIONLEVEL_UNRESTRICTED	X			
GREATER_EQUALS	X			
GREATER_THAN	X			
LOWER_EQUALS	X			
LOWER_THAN	X			
HIERARCHY_TYPE_DATACLUSTER	X			
INITIATORS_QUESTIONNAIRE_CREATED	X			
JOBS_ARISTRANSFERJOB	X			
JOBS_BACKUPRUNNABLEJOB	X			
JOBS_RESTORERUNNABLEJOB	X			



New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
LICENSEDCOMPONENT_DATA_PROTECTION_MANAGEMENT	X			
OBJ_ORIGIN_ARCHITECT	X			
OBJ_ORIGIN_ARCM	X			
ARCM_ENUM_SURVEY_CONTROL_PERIOD_DAY		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_MONTH		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_QUARTER		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_SEMIANNUAL		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_UNSPECIFIED		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_WEEK		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_YEAR		X		
SURVEY_DEPENDENCY_VISUALIZATION_ACTIVATED	X			
SURVEY_DEPENDENCY_VISUALIZATION_TRIGGERS	X			
SURVEY_DEPENDENT_VISIBLE_DEPENDENT_INVISIBLE	X			
SURVEY_DEPENDENT_VISIBLE_DEPENDENT_VISIBLE	X			
SURVEY_DEPENDENT_VISIBLE_NOT_DEPENDENT_INVISIBLE	X			
SURVEY_DEPENDENT_VISIBLE_NOT_DEPENDENT_VISIBLE	X			
SURVEY_CONTROL_PERIOD_DAY		X		
SURVEY_CONTROL_PERIOD_MONTH		X		
SURVEY_CONTROL_PERIOD_QUARTER		X		
SURVEY_CONTROL_PERIOD_SEMIANNUAL		X		
SURVEY_CONTROL_PERIOD_UNSPECIFIED		X		
SURVEY_CONTROL_PERIOD_WEEK		X		
SURVEY_CONTROL_PERIOD_YEAR		X		
<b>ARIS attribute types</b>				
AVT_ARCHIMATE_ACTIVE	X			
AVT_ARCHIMATE_APPLICATION	X			
AVT_ARCHIMATE_BEHAVIOR	X			
AVT_ARCHIMATE_BUSINESS	X			
AVT_ARCHIMATE_COHERENCE	X			
AVT_ARCHIMATE_COMPOSITE	X			
AVT_ARCHIMATE_DECIDING	X			
AVT_ARCHIMATE_DESIGNING	X			
AVT_ARCHIMATE_DETAILS	X			
AVT_ARCHIMATE_IMPLEMENTATION_AND_MIGRATION	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_ARCHIMATE_INFORMING	X			
AVT_ARCHIMATE_MOTIVATION	X			
AVT_ARCHIMATE_OTHER	X			
AVT_ARCHIMATE_OVERVIEW	X			
AVT_ARCHIMATE_PASSIVE	X			
AVT_ARCHIMATE_PHYSICAL	X			
AVT_ARCHIMATE_STRATEGY	X			
AVT_ARCHIMATE_STRUCTURE	X			
AVT_ARCHIMATE_TECHNOLOGY	X			
AVT_CMMN_ADD_CHILD	X			
AVT_CMMN_ADD_REFERENCE	X			
AVT_CMMN_CLOSE	X			
AVT_CMMN_COMPLETE	X			
AVT_CMMN_CREATE	X			
AVT_CMMN_DELETE	X			
AVT_CMMN_DISABLE	X			
AVT_CMMN_ENABLE	X			
AVT_CMMN_EXIT	X			
AVT_CMMN_FAULT	X			
AVT_CMMN_MANUAL_START	X			
AVT_CMMN_OCCUR	X			
AVT_CMMN_PARENT_RESUME	X			
AVT_CMMN_PARENT_SUSPRND	X			
AVT_CMMN_PARENT_TERMINATE	X			
AVT_CMMN_REACTIVATE	X			
AVT_CMMN_REENABLE	X			
AVT_CMMN_REMOVE_CHILD	X			
AVT_CMMN_REMOVE_REFERENCE	X			
AVT_CMMN_REPLACE	X			
AVT_CMMN_RESUME	X			
AVT_CMMN_START	X			
AVT_CMMN_SUSPEND	X			
AVT_CMMN_TERMINATE	X			
AVT_CMMN_UPDATE	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_DAILY_1	X			
AVT_MONTHLY_1	X			
AVT_WEEKLY_1	X			
<b>ARIS model types</b>				
MT_ARIS_TEST_MODEL	X			
MT_ARIS_TEST_MODEL_2	X			
MT_CMMN_CONTEXT_DIAGRAM	X			
MT_CMMN_DIAGRAM	X			
MT_DMN_DECISION_TABLE	X			
<b>ARIS object types</b>				
OT_ARIS_TEST_OBJ	X			
OT_ARIS_TEST_OBJ_2	X			
OT_CMMN_PLANNING_TABLE	X			
OT_DMN_ITEM_DEFINITION	X			
OT_MASHUP	X			
OT_PLATFORM	X			
OT_REPORT	X			
OT_SCOPE	X			
<b>ARIS symbol types</b>				
ST_API_MASHUP	X			
ST_API_PLATFORM	X			
ST_ARIS_TEST_SYM	X			
ST_ARIS_TEST_SYM_2	X			
ST_BPMN_BUSINESS_RULE_TASK_OCC	X			
ST_BPMN_EVENT_SUBPROCESS_COLLAPSED_OCC	X			
ST_BPMN_EVENT_SUBPROCESS_OCC	X			
ST_BPMN_MANUAL_TASK_OCC	X			
ST_BPMN_RECEIVE_TASK_OCC	X			
ST_BPMN_SCRIPT_TASK_OCC	X			
ST_BPMN_SEND_TASK_OCC	X			
ST_BPMN_SERVICE_TASK_OCC	X			
ST_BPMN_SUBPROCESS_OCC	X			
ST_BPMN_SUB_PROCESS_COLLAPSED_OCC	X			
ST_BPMN_TASK_OCC	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_BPMN_TRANSACTION_COLLAPSED_OCC	X			
ST_BPMN_TRANSACTION_OCC	X			
ST_BPMN_USER_TASK_OCC	X			
ST_CMMN_APPLICABILITY_RULE	X			
ST_CMMN_CASE	X			
ST_CMMN_CASE_FILE	X			
ST_CMMN_CASE_FILE_ITEM	X			
ST_CMMN_CASE_PLAN_MODEL	X			
ST_CMMN_CASE_ROLE	X			
ST_CMMN_CASE_TASK	X			
ST_CMMN_CASE_TASK_COLLAPSED	X			
ST_CMMN_DECISION_TASK	X			
ST_CMMN_DECISION_TASK_COLLAPSED	X			
ST_CMMN_DISCRETIONARY_CASE_TASK	X			
ST_CMMN_DISCRETIONARY_CASE_TASK_COLLAPSED	X			
ST_CMMN_DISCRETIONARY_DECISION_TASK	X			
ST_CMMN_DECISION_TASK_COLLAPSED	X			
GDPR_DATASENSITIVITY_EXTREMELYSENSITIVE	X			
GDPR_DATASENSITIVITY_HIGHLYSENSITIVE	X			
GDPR_DATASENSITIVITY_PLEASE_SELECT	X			
GDPR_DATASENSITIVITY_PUBLICDATA	X			
GDPR_DATASENSITIVITY_SENSITIVE	X			
GDPR_DATASENSITIVITY_VERYSENSITIVE	X			
GDPR_RESTRICTIONLEVEL_ALL	X			
GDPR_RESTRICTIONLEVEL_CONFIDENTIALDATA	X			
GDPR_RESTRICTIONLEVEL_PERSONALDATA	X			
GDPR_RESTRICTIONLEVEL_PLEASE_SELECT	X			
GDPR_RESTRICTIONLEVEL_SENSITIVEPERSONALDATA	X			
GDPR_RESTRICTIONLEVEL_UNRESTRICTED	X			
GREATER_EQUALS	X			
GREATER_THAN	X			
LOWER_EQUALS	X			
LOWER_THAN	X			
HIERARCHY_TYPE_DATACLUSTER	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
INITIATORS_QUESTIONNAIRE_CREATED	X			
JOBS_ARISTRANSFERJOB	X			
JOBS_BACKUPRUNNABLEJOB	X			
JOBS_RESTORERUNNABLEJOB	X			
LICENSEDCOMPONENT_DATA_PROTECTION_MANAGEMENT	X			
OBJ_ORIGIN_ARCHITECT	X			
OBJ_ORIGIN_ARCM	X			
ST_CMMN_DISCRETIONARY_CASE_TASK	X			
ST_CMMN_DISCRETIONARY_CASE_TASK_COLLAPSED	X			
ST_CMMN_DISCRETIONARY_DECISION_TASK	X			
ST_CMMN_DISCRETIONARY_DECISION_TASK_COLLAPSED	X			
ST_CMMN_DISCRETIONARY_HUMAN_TASK	X			
ST_CMMN_DISCRETIONARY_HUMAN_TASK_BLOCKING	X			
ST_CMMN_DISCRETIONARY_PROCESS_TASK	X			
ST_CMMN_DISCRETIONARY_PROCESS_TASK_COLLAPSED	X			
ST_CMMN_DISCRETIONARY_STAGE	X			
ST_CMMN_DISCRETIONARY_STAGE_COLLAPSED	X			
ST_CMMN_DISCRETIONARY_TASK	X			
ST_CMMN_ENTRY_CRITERION	X			
ST_CMMN_EVENT_LISTENER	X			
ST_CMMN_EXIT_CRITERION	X			
ST_CMMN_HUMAN_TASK	X			
ST_CMMN_HUMAN_TASK_BLOCKING	X			
ST_CMMN_MILESTONE	X			
ST_CMMN_PLANNING_TABLE	X			
ST_CMMN_PLANNING_TABLE_COLLAPSED	X			
ST_CMMN_PLAN_FRAGMENT	X			
ST_CMMN_PLAN_FRAGMENT_COLLAPSED	X			
ST_CMMN_PROCESS_TASK	X			

## 8.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Process.getSystemVariables() -> List	X			
InstanceWrapper.getVariables() -> List	X			
<b>ADS</b>				
ADSDocument.getDocumentContent() -> InputStream	X			
ADSReportComponent.getDocumentByHyperlink(String) -> ADSDocument	X			
<b>ARCM</b>				
ADSDocument.getDocumentContent() -> InputStream	X			
ARCM.findByGUID(String,String,int) -> List	X			
ARCMAccess.createQuery(String,int) -> ARCMQuery	X			
ARCMAccess.findByGUID(String,String,int) -> List	X			
ARCMAccess.findByOVID(String,int) -> ARCMAppObject	X			
ARCMAccess.getArisModelFromHierarchyObject (ArisData,ARCMAppObject,int) -> Item	X			
ARCMAccess.getArisObject(ArisData,ARCMAppObject,int) -> Item	X			
ARCMAccess.getCurrentUser() -> ARCMUser	X			
ARCMClientRepresentation.getArisDatabase() -> String	X			
ARCMComponent.createQuery(String,int) -> ARCMQuery	X			
ARCMComponent.findByGUID(String,String,int) -> List	X			
ARCMComponent.findByOVID(String,int) -> ARCMAppObject	X			
ARCMComponent.getArisModelFromHierarchyObject (ArisData,ARCMAppObject,int) -> Item	X			
ARCMComponent.getArisObject(ArisData,ARCMAppObject,int) -> Item	X			
ARCMComponent.getCurrentUser() -> ARCMUser	X			
ARCMComponent.getQueryRestrictionFactory() -> ARCMQueryRestrictionFactory	X			
ARCMComponent.transferDataToARCM (ARCMClientRepresentation,byte[]) -> ARCMJobResponse		X		
ARCMComponent.synchronizeToARCM (ARCMClientRepresentation,byte[]) -> ARCMJobResponse	X			
<b>Data Query</b>				
QueryComponent.getConfig(String) -> QueryConfig	X			
QueryComponent.getConfigLocalized(String,int) -> QueryConfig	X			
QueryComponent.getQueryContext(Database) -> DataQueryContext	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
QueryComponent.getQueryContext(Database,List) -> DataQueryContext	X			
QueryComponent.getQueryContext(Database,byte[]) -> DataQueryContext	X			
QueryComponent.hasDeltaConfiguration(String) -> boolean	X			
DataQuery.addCondition(String,ConditionComperator,Date) -> void	X			
DataQuery.addCondition(String,ConditionComperator,Date,int) -> void	X			
DataQueryFactory.getConfig(String) -> QueryConfig		X		
DataQueryFactory.getConfig(String,DatabaseId) -> QueryConfig		X		
DataQueryFactory.getConfigLocalized(String,int) -> QueryConfig		X		
DataQueryFactory.getDeltaConfigLocalized(String,DatabaseId,int) -> QueryConfig		X		
DataQueryFactory.getQueryContext(ArisDbSession) -> DataQueryContext		X		
DataQueryFactory.getQueryContext(ArisDbSession,List) -> DataQueryContext		X		
DataQueryFactory.getQueryContext(ArisDbSession,byte[]) -> DataQueryContext		X		
DataQueryFactory.getQueryContext(Database) -> DataQueryContext		X		
DataQueryFactory.getQueryContext(Database,List) -> DataQueryContext		X		
DataQueryFactory.getQueryContext(Database,byte[]) -> DataQueryContext		X		
DataQueryFactory.hasDeltaConfiguration(String) -> boolean		X		
DataQueryFactory.hasDeltaConfiguration(String,DatabaseId) -> boolean		X		
Result.getItemIdentifier() -> ItemIdentifier	X			
<b>ARIS standard Report API</b>				
BarChart.setShaded(int,int) -> void	X			
LineChart.setShaded(int,int) -> void	X			
XYChart.setShaded(int,int) -> void	X			
ArisBarChart.setShaded(int,int) -> void	X			
ArisLineChart.setShaded(int,int) -> void	X			
ArisXYChart.setShaded(int,int) -> void	X			
StyledValue.getMergedFormatting(String,int,int,int,boolean) -> StyledValue	X			
XlsCellStyle.getQuoteFormulas() -> boolean	X			
XlsCellStyle.setQuoteFormulas(boolean) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>Semantic check</b>				
ADSDocument.getDocumentContent() -> InputStream	X			
SemanticCheck.addUsedStartElement(ArisObject[]) -> void	X			
SemanticCheck.writeInfoMarks(CurrentRule,ArisObject,String) -> void	X			
SemanticCheckConfiguration.getDescription() -> String	X			
SemanticCheckConfiguration.getModelSelectionText() -> String	X			
SemanticCheckConfiguration.getName() -> String	X			
SemanticCheckConfiguration.getObjectSelectionText() -> String	X			
SemanticCheckConfiguration.isModelSelectionNeeded() -> boolean	X			
SemanticCheckConfiguration.isObjectSelectionNeeded() -> boolean	X			
CurrentRule.addInfoMark(Model, String)	X			
CurrentRule.addInfoMark(ConnectableOcc, String)	X			
CurrentRule.addInfoMark(ConnectableDef, Map<String, ConnectableOcc>, String)	X			
CurrentRule.addError(Model, String)	X			
CurrentRule.addError(ConnectableOcc, String)	X			
CurrentRule.addError(ConnectableDef, Map<String, ConnectableOcc>, String)	X			
CurrentRule.addWarning(Model, String)	X			
CurrentRule.addWarning(ConnectableOcc, String)	X			
CurrentRule.addInformation(Model, String)	X			
CurrentRule.addInformation(ConnectableOcc, String)	X			
<b>ARIS Merge</b>				
ADSDocument.getDocumentContent() -> InputStream	X			
MergeBaseOptions.getAssignmentDepth() -> short	X			
MergeBaseOptions.isFontSourceWins() -> boolean	X			
MergeBaseOptions.isMixAttributes() -> boolean	X			
MergeBaseOptions.isMixUserRelations() -> boolean	X			
MergeBaseOptions.isModelSourceWins() -> boolean	X			
MergeBaseOptions.isObjDefSourceWins() -> boolean	X			
MergeBaseOptions.isUserGroupSourceWins() -> boolean	X			
MergeBaseOptions.isUserSourceWins() -> boolean	X			
MergeBaseOptions.setAssignmentDepth(short) -> void	X			
MergeBaseOptions.setConsiderBorderAssignment(boolean) -> void	X			
MergeBaseOptions.setConsiderBorderCxnDefs(boolean) -> void	X			



New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
MergeBaseOptions.setConsiderSourceGroupPath(boolean) -> void	X			
MergeBaseOptions.setCxnDefSourceWins(boolean) -> void	X			
MergeBaseOptions.setFontSourceWins(boolean) -> void	X			
MergeBaseOptions.setInheritAccessRightsForNewGroups(boolean) -> void	X			
MergeBaseOptions.setMixAttributes(boolean) -> void	X			
MergeBaseOptions.setMixUserRelations(boolean) -> void	X			
MergeBaseOptions.setModelSourceWins(boolean) -> void	X			
MergeBaseOptions.setObjDefSourceWins(boolean) -> void	X			
MergeBaseOptions.setSynchronizeAssignments(boolean) -> void	X			
MergeBaseOptions.setUserGroupSourceWins(boolean) -> void	X			
MergeBaseOptions.setUserSourceWins(boolean) -> void	X			
MergeBaseOptions.shouldConsiderBorderAssignments() -> boolean	X			
MergeBaseOptions.shouldConsiderBorderCxnDefs() -> boolean	X			
MergeBaseOptions.shouldConsiderSourceGroupPath() -> boolean	X			
MergeBaseOptions.shouldInheritAccessRightsForNewGroups() -> boolean	X			
MergeBaseOptions.shouldSynchronizeAssignments() -> boolean	X			
<b>ModelGeneration</b>				
ModelGenerationOptions.setUseOfModelDepthForProcessInterface-AndStartEndEvent(short) -> void	X			
<b>User Management</b>				
UMC.getAssignedUsergroupNamesForUser(UmcUser) -> List	X			
UMC.getAssignedUsergroupNamesForUserName(String) -> List	X			
<b>Versioning</b>				
VersionWrapper.getVariables() -> List	X			

## 9 Changes from 10.0 to 10.0 SR2

This chapter describes how the constants and methods for report scripts have changed between version ARIS 10.0 and ARIS 10.0 SR2.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 9.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_AGE	X			
AT_ANY_ATTRIBUTES	X			
AT_CUMULOCITY_ATG	X			
AT_CUMULOCITY_TYPE	X			
AT_DESC_IMAGE_LINK_1	X			
AT_DESC_IMAGE_LINK_2	X			
AT_DESC_IMAGE_LINK_3	X			
AT_DESC_IMAGE_TITLE_1	X			
AT_DESC_IMAGE_TITLE_2	X			
AT_DESC_IMAGE_TITLE_3	X			
AT_EXTENSION_ELEMENTS	X			
AT_FAMILY_STATUS	X			
AT_FRUSTRATIONS	X			
AT_GOALS	X			
AT_IMPLEMENT_AS	X			
AT_INFLUENCE_MODIFIER	X			
AT_INTERACTION_TYPE	X			
AT_IOT_OBJECT_TYPE	X			
AT_JOB_TITLE	X			
AT_LAST_CUMULOCITY_SYNCH	X			
AT_LOCATION	X			
AT_NO_OF_DEPLOYED_DEVICES	X			
AT_PERSONALITY	X			
AT_PORTRAIT_IMAGE_LINK	X			
AT_PORTRAIT_IMAGE_TITLE	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_QUOTE	X			
AVT_ACTOR_STANDALONE	X			
AVT_DEVELOPMENT_BOARD	X			
AVT_EDGE	X			
AVT_EMBEDDED_COMPUTER	X			
AVT_GATEWAY	X			
AVT_IMPLEMENT_AS_MANUAL_TASK	X			
AVT_IMPLEMENT_AS_SERVICE_TASK	X			
AVT_IMPLEMENT_AS_USER_TASK	X			
AVT_MOBILE_DEVICE	X			
AVT_PROXIMITY_BEACON	X			
AVT_PULL	X			
AVT_PUSH	X			
AVT_SENSOR_STANDALONE	X			
AVT_WEARABLE	X			
LT_EMOTION	X			
LT_OCCURS_AT	X			
LT_SUPERIOR_CUSTOMER_SEGMENT	X			
OT_EMOTION	X			
OT_PERSONA	X			
ST_EMOTION	X			
ST_IOT_CONNECTIVITY	X			
ST_IOT_DATA_PROTOCOL	X			
ST_IOT_SECURITY	X			
ST_ORGUNIT_TYPE_LANE	X			
ST_PERSONA	X			
ARCM_ENUM_INITIATORS_QUESTIONNAIRE_CREATED	X			
CREATED_MODEL_OID_PROPERTY	X			
INTERNAL_CALL	X			
LOG_PROPERTY	X			
TARGET_GROUP_OID	X			
TARGET_MODEL_NAME	X			

## 9.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ARCM</b>				
ARCMAppObject.getCompositeAttribute(String) -> ARCMCompositeAttribute	X			
ARCMAppObject.isCompositeAttributeType(String) -> boolean	X			
ARCMAppObjectMetadata.getGroups(boolean) -> List	X			
ARCMAttribute.isEmpty() -> boolean	X			
ARCMCompositeAttribute.getAllAttributeTypes() -> List	X			
ARCMCompositeAttribute.getAttributeType() -> String	X			
ARCMCompositeAttribute.getName() -> String	X			
ARCMCompositeAttribute.getNumberOfChildren() -> int	X			
ARCMCompositeAttribute.getUiValue() -> String	X			
ARCMCompositeAttribute.isEmpty() -> boolean	X			
ARCMCompositeAttribute.isVisible() -> boolean	X			
ARCMDateRangeAttribute.getAllAttributeTypes() -> List	X			
ARCMDateRangeAttribute.getAttributeType() -> String	X			
ARCMDateRangeAttribute.getFromDate() -> Date	X			
ARCMDateRangeAttribute.getFromUiValue() -> String	X			
ARCMDateRangeAttribute.getName() -> String	X			
ARCMDateRangeAttribute.getNumberOfChildren() -> int	X			
ARCMDateRangeAttribute.getToDate() -> Date	X			
ARCMDateRangeAttribute.getToUiValue() -> String	X			
ARCMDateRangeAttribute.getUiValue() -> String	X			
ARCMDateRangeAttribute.isEmpty() -> boolean	X			
ARCMDateRangeAttribute.isVisible() -> boolean	X			
ARCMEditorAttribute.getAllAttributeTypes() -> List	X			
ARCMEditorAttribute.getAttributeType() -> String	X			
ARCMEditorAttribute.getName() -> String	X			
ARCMEditorAttribute.getNumberOfChildren() -> int	X			
ARCMEditorAttribute.getSubstituteRawValue() -> ARCMAppObject	X			
ARCMEditorAttribute.getSubstituteUiValue() -> String	X			
ARCMEditorAttribute.getUiValue() -> String	X			
ARCMEditorAttribute.getUserRawValue() -> ARCMAppObject	X			
ARCMEditorAttribute.getUserUiValue() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMEditorAttribute.isEmpty() -> boolean	X			
ARCMEditorAttribute.isVisible() -> boolean	X			
ARCMEEnumAttribute.isEmpty() -> boolean	X			
ARCMMGroup.getGroupId() -> String	X			
ARCMMGroup.getGroupLevel() -> int	X			
ARCMMGroup.getGroups() -> List	X			
ARCMMGroup.isTopLevelGroup() -> boolean	X			
ARCMListAttribute.isEmpty() -> boolean	X			
ARCMPProgressAttribute.getActualRawValue() -> long	X			
ARCMPProgressAttribute.getActualUiValue() -> String	X			
ARCMPProgressAttribute.getAllAttributeTypes() -> List	X			
ARCMPProgressAttribute.getAttributeType() -> String	X			
ARCMPProgressAttribute.getName() -> String	X			
ARCMPProgressAttribute.getNumberOfChildren() -> int	X			
ARCMPProgressAttribute.getTotalRawValue() -> long	X			
ARCMPProgressAttribute.getTotalUiValue() -> String	X			
ARCMPProgressAttribute.getUiValue() -> String	X			
ARCMPProgressAttribute.isEmpty() -> boolean	X			
ARCMPProgressAttribute.isVisible() -> boolean	X			
ARCMMValueAttribute.isEmpty() -> boolean	X			
<b>BPMN 2 report support</b>				
Designer.getBPMNSupport(Model) -> Bpmn2ReportServices	X			
Bpmn2ReportServices.createBpmnObject(ObjDef,ObjOcc,int) -> ObjOcc	X			
Bpmn2ReportServices.getBpmnParent(ObjOcc) -> ObjOcc	X			
Bpmn2ReportServices.getBpmnPredecessors(ObjOcc) -> ObjOcc[]	X			
Bpmn2ReportServices.getBpmnSuccessors(ObjOcc) -> ObjOcc[]	X			
Bpmn2ReportServices.isHorizontal(ObjOcc) -> boolean	X			
Bpmn2ReportServices.setBpmnParent(ObjOcc,ObjOcc) -> void	X			
Bpmn2ReportServices.setBpmnSuccessor(ObjOcc,ObjOcc) -> CxnOcc	X			
ContextItemWrapper.getId() -> String	X			
ContextItemWrapper.getType() -> String	X			
DocumentContextItemWrapper.getId() -> String	X			
DocumentContextItemWrapper.getType() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ModellingContextItemWrapper.getDatabase() -> String	X			
ModellingContextItemWrapper.getId() -> String	X			
ModellingContextItemWrapper.getName() -> String	X			
ModellingContextItemWrapper.getServer() -> String	X			
ModellingContextItemWrapper.getType() -> String	X			
Locking.unlock(Group[],boolean,int,boolean) -> LockResult	X			
<b>UMC (former result was displayed as User/Usergroup/Privilege/-Wrapper)</b>				
UMC.getCurrentUser() -> UmcUser		X		
UMC.getUserById(String) -> UmcUser		X		
UMC.getUserByName(String) -> UmcUser		X		
UMC.getUsergroupById(String) -> UmcUsergroup		X		
UMC.getUsergroupByName(String) -> UmcUsergroup		X		
UmcLicense.getPrivilege() -> UmcPrivilege		X		
UmcLicense.getProduct() -> UmcProduct		X		
UmcProduct.getParent() -> UmcProduct		X		
XMLImportResultWrapper.getImportedModelOIDs() -> String[]	X			
XlsFont.getBoldweight() -> int (instead of short, irrelevant in JS)		X		
XlsFont.setBold(boolean) -> void (new)		X		
XlsFont.setBoldweight(int) -> void (int instead of short, irrelevant in JS)		X		
ArisData.addAdditionalData(String,ArisObject) -> void (semantic check support)	X			
Context.getClientTimeZone() -> TimeZone	X			

## 10 Changes from 9.8 SR6 to 10.0

This chapter describes how the constants and methods for report scripts have changed between version ARIS 9.8 SR6 and ARIS 10.0.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 10.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ACCEPTEDINCIDENT			X	
ACCOUNTASSERTION			X	
ALL_NEWSMESSAGES			X	
AT_BPEL_ABSTRACT_PROCES			X	
AT_BPEL_ATG			X	
AT_BPEL_CONDITION_EXPRESSION			X	
AT_BPEL_CREATE_INSTANCE			X	
AT_BPEL_DEFAULT			X	
AT_BPEL_DEFINES_PROC_PARTNERLINK			X	
AT_BPEL_EXPRESSION_LANGUAGE			X	
AT_BPEL_EXTENSION_XML			X	
AT_BPEL_FROM_EXPRESSION			X	
AT_BPEL_FROM_LITERAL			X	
AT_BPEL_IMPORTED			X	
AT_BPEL_INITIATE			X	
AT_BPEL_INSTANCE_COMPENSATION			X	
AT_BPEL_IS_OF_PARTNER_LINK_TYPE			X	
AT_BPEL_JOIN_CONDITION			X	
AT_BPEL_NMS_URI			X	
AT_BPEL_OPAQUE			X	
AT_BPEL_PATTERN			X	
AT_BPEL_PROCESS_TYPE			X	
AT_BPEL_QUERY_EXPRESSION			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_BPEL_QUERY_LANGUAGE			X	
AT_BPEL_ROLE_TYPE			X	
AT_BPEL_SEQ_ORDER			X	
AT_BPEL_SUPPRESS_JOIN_FAILURE			X	
AT_BPEL_TRANSITION_CONDITION			X	
AT_BPEL_TYPE_1			X	
AT_BPEL_VARI_ACCESS_SERIALIZABLE			X	
AT_DB_BACKUP	X			
AT_DB_REORG	X			
AT_DMN_ALLOWED_ANSWERS	X			
AT_DMN_ATG	X			
AT_DMN_BUILTIN_AGGREGATOR	X			
AT_DMN_HIT_POLICY	X			
AT_DMN_QUESTION	X			
AT_DOCUMENT_DESC_1	X			
AT_DOCUMENT_DESC_2	X			
AT_DOCUMENT_DESC_3	X			
AT_DOCUMENT_DESC_4	X			
AT_DOCUMENT_DESC_5	X			
AT_DOCUMENT_LINK_1	X			
AT_DOCUMENT_LINK_2	X			
AT_DOCUMENT_LINK_3	X			
AT_DOCUMENT_LINK_4	X			
AT_DOCUMENT_LINK_5	X			
AT_DOCUMENT_TITL1	X			
AT_DOCUMENT_TITL2	X			
AT_DOCUMENT_TITL3	X			
AT_DOCUMENT_TITL4	X			
AT_DOCUMENT_TITL5	X			
AT_EXT_PAGE_DESC_1	X			
AT_EXT_PAGE_DESC_2	X			
AT_EXT_PAGE_DESC_3	X			
AT_EXT_PAGE_DESC_4	X			
AT_EXT_PAGE_DESC_5	X			



REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_EXT_PAGE_LINK_1	X			
AT_EXT_PAGE_LINK_2	X			
AT_EXT_PAGE_LINK_3	X			
AT_EXT_PAGE_LINK_4	X			
AT_EXT_PAGE_LINK_5	X			
AT_EXT_PAGE_TITL1	X			
AT_EXT_PAGE_TITL2	X			
AT_EXT_PAGE_TITL3	X			
AT_EXT_PAGE_TITL4	X			
AT_EXT_PAGE_TITL5	X			
AT_IMAGE_DESC_1	X			
AT_IMAGE_DESC_2	X			
AT_IMAGE_DESC_3	X			
AT_IMAGE_DESC_4	X			
AT_IMAGE_DESC_5	X			
AT_IMAGE_LINK_1	X			
AT_IMAGE_LINK_2	X			
AT_IMAGE_LINK_3	X			
AT_IMAGE_LINK_4	X			
AT_IMAGE_LINK_5	X			
AT_IMAGE_TITL1	X			
AT_IMAGE_TITL2	X			
AT_IMAGE_TITL3	X			
AT_IMAGE_TITL4	X			
AT_IMAGE_TITL5	X			
AT_IOT_ATG	X			
AT_IOT_EVT_SEQ_NUM	X			
AT_IOT_IS_GATEWAY	X			
AT_IOT_TIME_WINDOW	X			
AT_LOYALTY	X			
AT_MEDIA_TYPE_1	X			
AT_MULTI_MEDIA_AT	X			
AT_RELEVANCE	X			
AT_SYSTEM_VERSION	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_TEXT_ANNOTATIONS	X			
AT_VERSION_FAMILY_REF	X			
AT_VIDEO_DESC_1	X			
AT_VIDEO_DESC_2	X			
AT_VIDEO_DESC_3	X			
AT_VIDEO_DESC_4	X			
AT_VIDEO_DESC_5	X			
AT_VIDEO_LINK_1	X			
AT_VIDEO_LINK_2	X			
AT_VIDEO_LINK_3	X			
AT_VIDEO_LINK_4	X			
AT_VIDEO_LINK_5	X			
AT_VIDEO_TITL1	X			
AT_VIDEO_TITL2	X			
AT_VIDEO_TITL3	X			
AT_VIDEO_TITL4	X			
AT_VIDEO_TITL5	X			
AUDIT2INCIDENTS			X	
AUDITGANTTCHART			X	
AUDITPLAN			X	
AUDITSCOPE	X			
AUDITSTEPPROCESSINGTIMECHART			X	
AUDITSTEP	X			
AUDITSTEPTEMPLATE	X			
AUDITSTEP_OWNER			X	
AUDITSTEP_STATISTIC_PER_HIERARCHY			X	
AUDITTEMPLATEGANTTCHART			X	
AUDITTEMPLATEPLAN			X	
AUDIT_OWNER			X	
AUDIT_REVIEWER			X	
AUDIT_STATISTIC_AUDIT			X	
AUDIT_STATISTIC_AUDIT_STEP			X	
AUDIT_STATISTIC_PER_HIERARCHY			X	
AUDIT_STEP			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AUDIT_STEP_TEMPLATE			X	
AUDIT_TEMPLATE			X	
AVT_ALMOST_IRRELEVANT	X			
AVT_ANALOG	X			
AVT_DIGITAL	X			
AVT_DMN_HIT_POLICY_ANY	X			
AVT_DMN_HIT_POLICY_COLLECT	X			
AVT_DMN_HIT_POLICY_FIRST	X			
AVT_DMN_HIT_POLICY_OUTPUT_ORDER	X			
AVT_DMN_HIT_POLICY_PRIOR	X			
AVT_DMN_HIT_POLICY_RULE_ORDER	X			
AVT_DMN_HIT_POLICY_UNIQUE	X			
AVT_DMN_RULE_COUNT	X			
AVT_DMN_RULE_MAX	X			
AVT_DMN_RULE_MIN	X			
AVT_DMN_RULE_SUM	X			
AVT_LESS_RELEVANT	X			
AVT_MEDIUM_1	X			
AVT_RELEVANT	X			
AVT_SM72_EXEC_EXTRA_NAVIGATION	X			
AVT_SM72_EXEC_FIORI	X			
AVT_SM72_EXEC_WEBDYNPRO_ABAP_APPL_CONFIG	X			
AVT_VERY_RELEVANT	X			
BOOKMARK	X			
CHANGEMANAGEMENT			X	
CHANGEREVIEWOWNER			X	
CHARTCONTROLTRENDANALYSIS			X	
CHARTPOLICYAPPROVALPROGRESS			X	
CHARTPOLICYCONFIRMATIONPROGRESS			X	
CHARTPOLICYTESTCASESTATUS			X	
CHARTQUALRISKMATRIX			X	
CHARTQUANRISKMATRIX			X	
CHARTRISKEXPTECTEDIMPACTQUALITATIVE			X	
CHARTRISKTRENDAMAGEQUALITATIVE			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CHARTRISKTRENDAMAGEQUANTITATIVE			X	
CHARTRISKTRENDEXPECTEDLOSS			X	
CHARTRISKTRENDFREQUENCYQUALITATIVE			X	
CHARTRISKTRENDFREQUENCYQUANTITATIV			X	
CLIENT2LINKTYPE_SEL			X	
CLIENT2SUBSCRIPTIONS			X	
CLIENT2USERGROUP_REFS			X	
CLIENT2USER_REFS			X	
CONNECTION			X	
CONTROL2CONTROLEXECUTION			X	
CONTROL2CONTROLEXECUTIONTASK			X	
CONTROL2CONTROLEXECUTIONTASK_SEL			X	
CONTROL2INCIDENTS			X	
CONTROL2QUESTIONNAIRES			X	
CONTROL2QUESTIONNAIRESFORWARDLIST			X	
CONTROL2QUESTIONNAIRESTATISTICLIST			X	
CONTROL2RISK_REV_SEL			X	
CONTROL2SURVEYS			X	
CONTROL2SURVEYSFORWARDLIST			X	
CONTROL2TESTACTION			X	
CONTROLEFFECT_CORRECTIVE	X			
CONTROLEXECUTIONTASK2CONTROL			X	
CONTROLEXECUTIONTASK2CONTROLEXECUTION			X	
CONTROLEXECUTION_STATISTIC			X	
CONTROL_ADD2RISK_REFS			X	
CONTROL_ADD2TESTDEFINITIONS_REFS			X	
CONTROL_TESTDEFINITION_SEL			X	
CREATEDAUDITS			X	
CREATEDCHANGEREVIEWS			X	
CREATEDPOLICIES			X	
CREATEDPOLICIES_AUDITOR			X	
CREATEDPOLICYREVIEWS			X	
CREATEDQUESTIONNAIRES			X	
CREATEDSURVEYS			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATEDTESTACTIONS			X	
CROSSAUDITGANTTCHART			X	
CT_APPL			X	
CT_ARCHIMATE_INFLUENCES	X			
CT_ARCHIMATE_IS_SPECIALIZATION_OF	X			
CT_ARCHIMATE_SERVES	X			
CT_BPEL_ALIAS			X	
CT_BPEL_CASE			X	
CT_BPEL_CATCHES			X	
CT_BPEL_CATCH_ALL			X	
CT_BPEL_COMPENSATES			X	
CT_BPEL_CONTAINS			X	
CT_BPEL_CORRELATES			X	
CT_BPEL_DEFINES			X	
CT_BPEL_DEFINES_COMPENSATION			X	
CT_BPEL_HAS_OUTPUT			X	
CT_BPEL_IS_INPUT			X	
CT_BPEL_LINKS			X	
CT_BPEL_STARTS_WITH			X	
CT_BPEL_THROWS			X	
CT_BPEL_USES			X	
CT_DENOTE			X	
CT_DMN_ALLOWS_ENTRY	X			
CT_DMN_AUTHORITY_REQ	X			
CT_DMN_CALLS	X			
CT_DMN_CONCERNS	X			
CT_DMN_HAS_AS_OUTPUT	X			
CT_DMN_HAS_PARAMETER	X			
CT_DMN_INFO_REQ	X			
CT_DMN_IS_ASSIGNED_TO	X			
CT_DMN_IS_BOUND_TO	X			
CT_DMN_IS_DECISION_MAKER	X			
CT_DMN_IS_DECISION_OWNER	X			
CT_DMN_IS_INPUT_DECISION_OF	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_DMN_IS_INPUT_FOR	X			
CT_DMN_IS_OUTPUT_DECISION_OF	X			
CT_DMN_IS_OUTPUT_ENTRY_USED_BY	X			
CT_DMN_IS_REQUIRED_FOR	X			
CT_DMN_IS_USED_BY	X			
CT_DMN_KNOWLEDGE_REQ	X			
CT_DMN_SETS	X			
CT_DMN_USES_INPUT_ENTRY	X			
CT_EXPERIENCES	X			
CT_INFO_FLOW			X	
CT_IOT_ENCOMPASSES	X			
CT_IOT_INPUT_EVT	X			
CT_IOT_OUTPUT_EVT	X			
CT_IS_CRITICAL			X	
CT_IS_TAKEN			X	
CT_MAT_FLOW			X	
CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT		X		
CT_RESPONSIBILITY_2nd_LEVEL_SUPPORT		X		
CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT		X		
CT_RESPONSIBILITY_APPLICATION		X		
CT_RESPONSIBILITY_FACILITY_OPERATOR		X		
CT_RESPONSIBILITY_HOTLINE_SUPPORT		X		
CT_RESPONSIBILITY_OPERATING		X		
CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING		X		
CT_RESPONSIBILITY_SYSTEM		X		
CT_RESPONSIBILITY_SYSTEM_INTEGRATION		X		
CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_2ND_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_APPLICATION	X			
CT_RESPONSIBILITY_FACILITY_OPERATOR	X			
CT_RESPONSIBILITY_HOTLINE_SUPPORT	X			
CT_RESPONSIBILITY_OPERATING	X			
CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_RESPONSIBILITY_SYSTEM	X			
CT_RESPONSIBILITY_SYSTEM_INTEGRATION	X			
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING		X		
CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM		X		
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING	X			
CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM	X			
DASHBOARDCONNECTION	X			
DEFICIENCYSTATISTIC			X	
DEFICIENCY_COMPCTRL_SEL_L1			X	
DEFICIENCY_COMPCTRL_SEL_L2			X	
DEFICIENCY_COMPCTRL_SEL_L3			X	
DEFICIENCY_REMEDIATIONCTRL_SEL			X	
DESCRIPTION			X	
DOCUMENTLINKTYPE	X			
EVALUATION			X	
EVALUATION_LIST_LOSSES_SPECIAL_PERIOD			X	
EVALUATION_LIST_RISK_INCURRED_LOSSES			X	
FOLLOWUP			X	
FORECAST_QUESTIONNAIRE			X	
FORECAST_RISKASSESSMENT			X	
FORECAST_TESTCASE			X	
GROUP2USER_REFS			X	
GROUP2USER_SEL			X	
GROUP2USER_SEL2			X	
HIERARCHIE_CHILDS_REFS			X	
HIERARCHIE_PARENT_REFS			X	
HIERARCHY2AUDITS			X	
HIERARCHY2AUDITSTEPS			X	
HIERARCHY2CHANGEREVIEWS			X	
HIERARCHY2CONTROL_REFS			X	
HIERARCHY2INCIDENTS			X	
HIERARCHY2LOSSES			X	
HIERARCHY2PARENT_REV_SEL			X	
HIERARCHY2POLICIES			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
HIERARCHY2QUESTIONNAIRES_REFS			X	
HIERARCHY2RISKASSESSMENTS			X	
HIERARCHY2RISK_REFS			X	
HIERARCHY2SURVEYS_REFS			X	
HIERARCHY2TESTACTION_REFS			X	
HIERARCHY2TESTDEFINITION_REFS			X	
HIERARCHYRELATEDISSUES			X	
HIERARCHY_CHILD_SEL			X	
HIERARCHY_TESTER_SEL			X	
INCIDENT2AUDITS			X	
INCIDENT2AUDITS_SEL			X	
INCIDENT2CONTROLS			X	
INCIDENT2CONTROLS_SEL			X	
INCIDENT2HIERARCHIES_APPLICATIONSYSTEMTYPE			X	
INCIDENT2HIERARCHIES_APPLICATIONSYSTEMTYPE_SEL			X	
INCIDENT2HIERARCHIES_CATEGORY			X	
INCIDENT2HIERARCHIES_CATEGORY_SEL			X	
INCIDENT2HIERARCHIES_FINANCIALACCOUNT			X	
INCIDENT2HIERARCHIES_FINANCIALACCOUNT_SEL			X	
INCIDENT2HIERARCHIES_ORGUNIT			X	
INCIDENT2HIERARCHIES_ORGUNIT_SEL			X	
INCIDENT2HIERARCHIES_PROCESS			X	
INCIDENT2HIERARCHIES_PROCESS_SEL			X	
INCIDENT2LOSSES			X	
INCIDENT2POLICIES			X	
INCIDENT2POLICIES_SEL			X	
INCIDENT2RISKS_SEL			X	
INCIDENTOWNER			X	
INCIDENTPIECHARTHIERARCHY			X	
INCIDENTPIECHARTPERAUDIT			X	
INCIDENTPIECHARTPERCONTROL			X	
INCIDENTPIECHARTPERPOLICY			X	
INCIDENTPIECHARTPERRISK			X	
INCIDENTREVIEWER			X	



REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
INCIDENTS			X	
INCIDENTSPERAUDIT			X	
INCIDENTSPERCONTROL			X	
INCIDENTSPERPOLICY			X	
INCIDENTSPERRISK			X	
INCIDENTSTATISTIC			X	
INCIDENTS_EVALUATION			X	
INTERNALMESSAGES			X	
ISSUEOWNER			X	
ISSUEOWNERSELECTION			X	
ISSUERELVANTOBJECTSELECTION			X	
ISSUEREVIEWER			X	
ISSUEREVIEWERSELECTION			X	
ISSUES			X	
ISSUERELVANTOBJECT	X			
JOBENDSTATE_ALL			X	
JOBENDSTATE_CANCELED			X	
JOBENDSTATE_FAILED			X	
JOBENDSTATE_SUCCESS			X	
JOBENDSTATE_UNDEFINED			X	
JOBENDSTATE_WARNINGS			X	
JOBS_ASYNDEFAULTREPORTJOB			X	
JOBS_JOBLISTCLEANINGJOB			X	
JOBS_XMLEXPORTJOB			X	
JOBRESULTSTATE_ALL	X			
JOBRESULTSTATE_CANCELED	X			
JOBRESULTSTATE_FAILED	X			
JOBRESULTSTATE_SUCCESS	X			
JOBRESULTSTATE_UNDEFINED	X			
JOBRESULTSTATE_WARNINGS	X			
JOBSTATE_ALL	X			
JOBSTATE_FINISHED	X			
JOBSTATE_PENDING	X			
JOBSTATE_RUNNING	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
JOBSTATE_UNDEFINED	X			
JOBS_REPORTREMOVEJOB	X			
LIST			X	
LOSS2INCIDENT_SEL			X	
LOSS2RISK_SEL			X	
LOSSDB_CHART_LOSSESPERHIERARCHY			X	
LOSSDB_CHART_LOSSES_OVERALL			X	
LOSSDB_CHART_LOSSES_SPECIAL_PERIOD			X	
LOSSDB_CHART_RISK_INCURRED_LOSSES			X	
LOSSES			X	
LOSSESPERRISK			X	
LOSSES_EVALUATION			X	
LOSSOWNER			X	
LOSSREVIEWER			X	
LOSSSTATISTIC			X	
LT_AUTO			X	
LT_BUSI_AREA			X	
LT_CLM2			X	
LT_CUST			X	
LT_DATA_2			X	
LT_DEPT_JOB			X	
LT_DMN_ASSIGNMENT	X			
LT_DMN_BINDING	X			
LT_DMN_BINDING_EXPRESSIONS	X			
LT_DMN_EXPECTED_ENTRIES	X			
LT_DMN_HEADER	X			
LT_DMN_INFO_ITEM	X			
LT_DMN_INPUT	X			
LT_DMN_INVOKED_EXPRESSION	X			
LT_DMN_OUTPUT	X			
LT_DMN_PARAMETERS	X			
LT_DMN_RULE	X			
LT_EXPRESSIONS	X			
LT_INT_EXT			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
LT_OWNER			X	
LT_PRODUCTS_SERVICES	X			
LT_REVENUE	X			
LT_TIME_LINE			X	
LT_VARIABLES	X			
MEASURE_AUDITSTEP_ISSUE	X			
MEASURE_AUDITSTEP_NOISSUE	X			
MEASURE_AUDITSTEP_UNSPECIFIED	X			
MESSAGETEMPLATE			X	
MESSAGETEMPLATES	X			
MT_ARCHIMATE_3	X			
MT_BPEL_ALLOCATION_DIAGRAM			X	
MT_BPEL_PROCESS			X	
MT_CUSTOMER_SEGMENTATION_MAP	X			
MT_DMN_BOXED_FUNCTION	X			
MT_DMN_CONTEXT_DIAGRAM	X			
MT_DMN_DECISION_REQUIREMENTS_DIAGRAM	X			
MT_DMN_DECISION_TABLE_MODEL	X			
MT_DMN_INVOCATION_MODEL	X			
MT_IOT_OBJECT_CONTEXT	X			
MT_IOT_OBJECT_DEFINITION	X			
MT_LLOVC			X	
MT_PLOVC			X	
MYCREATEDISSUES			X	
MYCREATEDOPENISSUES			X	
MYDASHBOARDS			X	
MYISSUERELEVANTOBJECTS			X	
MYOPE			X	
MYTASKS			X	
NEWSMESSAGES_ADD2CLIENT_SEL			X	
NEWSMESSAGES_ADD2_REFS			X	
OFFLINEPROCESSINGENTRY	X			
OPE			X	
OPENPOLICIES			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
OPENPOLICYREVIEWS			X	
ORGANISATION			X	
OT_APPLICATION_COLLABORATION	X			
OT_ASSUM			X	
OT_BPEL_PARTNER			X	
OT_CUSTOMER_SEGMENT	X			
OT_DELIVERABLE	X			
OT_EQUIPMENT	X			
OT_FACILITY	X			
OT_IOT_OBJECT	X			
OT_MAT			X	
OT_MATU_RAT			X	
OT_MEASURE			X	
OT_OPPORTUN			X	
OT_PROBLEM_AREA			X	
OT_SYSTEM_SOFTWARE	X			
OT_TECHNOLOGY_SERVICE	X			
PAGE_1			X	
POLICY2EXCEPTIONS			X	
POLICY2EXCEPTIONS_SEL			X	
POLICY2INCIDENTS			X	
POLICY2POLICYAPPROVALS_REFS			X	
POLICY2POLICYCONFIRMATIONS_REFS			X	
POLICY2POLICYREVIEWS			X	
POLICY2RISKS			X	
POLICY2RISKS_SEL			X	
POLICY2TESTCASES			X	
POLICYAPPROVALS			X	
POLICYCONFIRMATIONS			X	
POLICYDEFINITION2POLICIES_REFS			X	
POLICYDEFINITION2RISKS			X	
POLICYDEFINITION2RISKS_SEL			X	
POLICYREVIEW2EXCEPTIONS			X	
POLICYREVIEW2INCIDENTS			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
POLICYREVIEW2POLICYCONFIRMATIONS			X	
POLICYREVIEW2POLICYISSUES			X	
POLICYREVIEW2TESTCASES			X	
POLICY_DEFINITION			X	
QUERY_CONFIG_MODEL	X			
QUERY_CONFIG_OBJECT	X			
QUERY_PROPERTYTYPE_ADSLINK	X			
QUERY_PROPERTYTYPE_BOOLEAN	X			
QUERY_PROPERTYTYPE_DATE	X			
QUERY_PROPERTYTYPE_DOUBLE	X			
QUERY_PROPERTYTYPE_INTEGER	X			
QUERY_PROPERTYTYPE_ITEMLIST	X			
QUERY_PROPERTYTYPE_LINK	X			
QUERY_PROPERTYTYPE_LINKADS	X			
QUERY_PROPERTYTYPE_MARKUP	X			
QUERY_PROPERTYTYPE_STRING	X			
QUERY_PROPERTYTYPE_VALUE	X			
QUESTIONNAIREPIECHART			X	
QUESTIONNAIRESTATISTIC_LINKEDQUESTIONNAIRES			X	
QUESTIONNAIRESTATISTIC_LINKEDSURVEYS			X	
QUESTIONNAIRES_OWNER			X	
QUESTIONNAIRES_REVIEWER			X	
QUESTIONNAIRETEMPLATEPREVIEW			X	
QUESTIONNAIRETEMPLATE_CROSSTABULATION			X	
QUESTIONNAIRETEMPLATE_EXCELREPORT_ANSWERDETAIL			X	
QUESTIONNAIRETEMPLATE_EXCELREPORT_SCOREDETAIL			X	
QUESTIONNAIRETEMPLATE_RESULT_SUMMARY			X	
QUESTIONNAIRETEMPLATE_SCORE			X	
QUESTIONNAIRETEMPLATE_SCORECOMPARISON			X	
QUESTIONNAIRE_CROSSTABULATION			X	
QUESTIONNAIRE_EXCELREPORT_ANSWERDETAIL			X	
QUESTIONNAIRE_EXCELREPORT_SCOREDETAIL			X	
QUESTIONNAIRE_SCORE			X	
QUESTIONNAIRE_TEMPLATE2QUESTIONNAIRES_REV_REFS			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
QUESTIONNAIRE_TEMPLATE2SURVEYS_REV_REFS			X	
QUESTIONNAIRE_TEMPLATES_WORKINGCOPIES			X	
QUESTIONNAIRE_TIMELINE			X	
QUESTION_OPTIONS_SEL			X	
RATEOFAUDITPERSONALUTILIZATION			X	
RA_IMPACTTYPES			X	
RECENTREPORTS			X	
RECENTREPORTS			X	
RELATEDAUDITS			X	
RELATEDISSUES			X	
RA_IMPACTTYPE	X			
REPORT	X			
REPORT_OUTPUT_FORMAT_XLSX	X			
REPORT_STATUS_WAIT_FOR_RUNNING	X			
RISK2INCIDENTS			X	
RISK2LOSSES			X	
RISK2POLICIES			X	
RISK2QUESTIONNAIRES			X	
RISK2QUESTIONNAIRESFORWARDLIST			X	
RISK2QUESTIONNAIRESTATISTICLIST			X	
RISK2RISKASSESSMENT_REV_REFS			X	
RISK2SURVEYS			X	
RISK2SURVEYSFORWARDLIST			X	
RISK2TESTACTION			X	
RISK2TESTDEFINITION			X	
RISKASSESSMENT2CONTROL			X	
RISKASSESSMENT2INCIDENTS			X	
RISKASSESSMENT2ISSUES			X	
RISKASSESSMENT2LOSSES			X	
RISKASSESSMENT2LOSSESPOPOP			X	
RISKASSESSMENT2POLICIES			X	
RISKASSESSMENT2QUESTIONNAIRES			X	
RISKASSESSMENT2SURVEYS			X	
RISKASSESSMENT2TESTCASE			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
RISKASSESSMENT2TESTDEFINITIONS			X	
RISKASSESSMENTSTATISTIC			X	
RISKASSESSMENTSTATISTICIMPACTTYPE			X	
RISKASSESSMENT_OWNER			X	
RISKASSESSMENT_REVIEWER			X	
RISKS_ADD2CONTROLS_REFS			X	
RISK_CONTROL_SEL			X	
SCOPE2CHARTQUALRISKMATRIX			X	
SCOPE2CHARTQUANRISKMATRIX			X	
SCOPE2CONTROL_REFS			X	
SCOPE2DEFICIENCY_LINKEDDEFICIENCIES			X	
SCOPE2DEFICIENCY_STATISTIC			X	
SCOPE2INCIDENT_REFS			X	
SCOPE2ISSUE_REFS			X	
SCOPE2LOSS_REFS			X	
SCOPE2LOSS_STATISTIC			X	
SCOPE2POLICIES			X	
SCOPE2POLICY_STATISTIC			X	
SCOPE2QUESTIONNAIRE_REFS			X	
SCOPE2QUESTIONNAIRE_STATISTIC			X	
SCOPE2RISKASSESSMENT_REFS			X	
SCOPE2RISKASSESSMENT_STATISTIC			X	
SCOPE2RISK_REFS			X	
SCOPE2SURVEY_REFS			X	
SCOPE2TESTCASE_REFS			X	
SCOPE2TESTCASE_STATISTIC			X	
SCOPING			X	
SCRIPT_ID	X			
SECTION_QUESTION_SEL			X	
SIGNOFFSTATISTICTESTCASES			X	
SIGNOFF_DEFICIENCY_STATISTIC_LINK			X	
SIGNOFF_ELEMENT_SEL			X	
SOOWNER			X	
SOPROCESS2TESTACTION_REFS			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
SOPROCESSDEFICIENCYSTATISTIC			X	
SOPROCESSTESTCASESTATISTIC			X	
SOREVIEWER			X	
STATE			X	
STATISTICAPPROVALPERPOLICY			X	
STATISTICCONFIRMATIONPERPOLICY			X	
STATISTICDEFICIENCIES			X	
STATISTICINCIDENTS			X	
STATISTICPIECHART			X	
STATISTICPOLICYAPPROVALS			X	
STATISTICPOLICYCONFIRMATIONS			X	
STATISTICPOLICYLIST			X	
STATISTICPOLICYPERDEFINITION			X	
STATISTICRISKASSESSMENTSASSESSMENTS			X	
STATISTICRISKASSESSMENTSRRISKS			X	
STATISTICRISKASSESSMENTSRRISKSBYIMPACTTYPE			X	
STATISTICTESTCASEPERPOLICY			X	
STATISTICTESTCASES			X	
STATISTICTESTCASESPERPOLICY			X	
STATISTIC_LINKED_AUDITS			X	
STATISTIC_LINKED_AUDITSTEPS_PER_HIERARCHY			X	
STATISTIC_LINKED_AUDITS_PER_HIERARCHY			X	
STATISTIC_LINKED_CONTROLEXECUTIONS			X	
STRUCTURE			X	
ST_AIRPLANE			X	
ST_ARCHIMATE_APPLICATION_EVENT	X			
ST_ARCHIMATE_APPLICATION_PROCESS	X			
ST_ARCHIMATE_CAPABILITY	X			
ST_ARCHIMATE_CONSTRAINT	X			
ST_ARCHIMATE_COURSE_OF_ACTION	X			
ST_ARCHIMATE_DELIVERABLE	X			
ST_ARCHIMATE_DISTRIBUTION_NETWORK	X			
ST_ARCHIMATE_DRIVER	X			
ST_ARCHIMATE_EQUIPMENT	X			



REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_ARCHIMATE_FACILITY	X			
ST_ARCHIMATE_GAP	X			
ST_ARCHIMATE_GOAL	X			
ST_ARCHIMATE_GROUP	X			
ST_ARCHIMATE_IMPLEMENTATION_EVENT	X			
ST_ARCHIMATE_INFRASTRUCTURE_INTERFACE			X	
ST_ARCHIMATE_INFRASTRUCTURE_SERVICE			X	
ST_ARCHIMATE_LOCATION	X			
ST_ARCHIMATE_MATERIAL	X			
ST_ARCHIMATE_OR_JUNCTION	X			
ST_ARCHIMATE_OUTCOME	X			
ST_ARCHIMATE_PLATEAU	X			
ST_ARCHIMATE_PRINCIPLE	X			
ST_ARCHIMATE_REQUIREMENT	X			
ST_ARCHIMATE_RESOURCE	X			
ST_ARCHIMATE_STAKEHOLDER	X			
ST_ARCHIMATE_TECHNOLOGY_COLLABORATION	X			
ST_ARCHIMATE_TECHNOLOGY_EVENT	X			
ST_ARCHIMATE_TECHNOLOGY_FUNCTION	X			
ST_ARCHIMATE_TECHNOLOGY_INTERACTION	X			
ST_ARCHIMATE_TECHNOLOGY_INTERFACE	X			
ST_ARCHIMATE_TECHNOLOGY_PROCESS	X			
ST_ARCHIMATE_TECHNOLOGY_SERVICE	X			
ST_ARCHIMATE_WORK_PACKAGE	X			
ST_ASSUM			X	
ST_BAR_CODE			X	
ST_BPEL_ASSIGN			X	
ST_BPEL_CATCH			X	
ST_BPEL_COMPENSATE			X	
ST_BPEL_COPY			X	
ST_BPEL_CORRELATION_SET			X	
ST_BPEL_EMPTY			X	
ST_BPEL_FAULT			X	
ST_BPEL_FLOW			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_BPEL_INVOKE			X	
ST_BPEL_NAMESPACE			X	
ST_BPEL_ON_ALARM			X	
ST_BPEL_ON_MESSAGE			X	
ST_BPEL_PARAMETER			X	
ST_BPEL_PARTNER			X	
ST_BPEL_PARTNER_LINK			X	
ST_BPEL_PARTNER_LINK_TYPE			X	
ST_BPEL_PICK			X	
ST_BPEL_PROC_END			X	
ST_BPEL_PROC_START			X	
ST_BPEL_PROPERTY			X	
ST_BPEL_RECEIVE			X	
ST_BPEL_REPLY			X	
ST_BPEL_SCOPE_END			X	
ST_BPEL_SCOPE_START			X	
ST_BPEL_SEQUENCE			X	
ST_BPEL_SWITCH			X	
ST_BPEL_TERMINATE			X	
ST_BPEL_THROW			X	
ST_BPEL_VARIABLE			X	
ST_BPEL_WAIT			X	
ST_BPEL_WHILE			X	
ST_BPEL_XSD_ELEMENT			X	
ST_BPEL_XSD_TYPE			X	
ST_BUS_AREA			X	
ST_CRITIC_MEASURE			X	
ST_CUST_ACTIV			X	
ST_CUST_PRCS			X	
ST_CUSTOMER_SEGMENT_1	X			
ST_DISKETTE			X	
ST_DMN_BINDING_EXPRESSION	X			
ST_DMN_BUSINESS_KNOWLEDGE_MOD	X			
ST_DMN_CASE	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_DMN_DECISION	X			
ST_DMN_DECISION_SERVICE	X			
ST_DMN_DEFAULT_OUTPUT_ENTRY	X			
ST_DMN_EXPRESSION	X			
ST_DMN_EXPRESSION_1	X			
ST_DMN_GENERIC_DECISION_SERVICE	X			
ST_DMN_INPUT_DATA	X			
ST_DMN_INPUT_ENTRY	X			
ST_DMN_INPUT_EXPRESSION	X			
ST_DMN_INPUT_OUTPUT_DECISION_SERVICE	X			
ST_DMN_INPUT_STATE	X			
ST_DMN_KNOWLEDGE_SOURCE	X			
ST_DMN_OUTPUT_COMPONENT	X			
ST_DMN_OUTPUT_ENTRY	X			
ST_DMN_OUTPUT_STATE	X			
ST_DMN_PARAMETER	X			
ST_DMN_RULE_INPUT_STATE	X			
ST_DMN_RULE_OUTPUT_STATE	X			
ST_DMN_VARIABLE	X			
ST_DOC_1			X	
ST_DOC_STORAGE			X	
ST_EDI			X	
ST_ELECTRONIC_DOC			X	
ST_ELECTRONIC_FOLDER			X	
ST_EMAIL			X	
ST_EXPERT			X	
ST_FAX_1			X	
ST_FILE_1			X	
ST_FOLDER			X	
ST_FORK_LIFT_TRUCK			X	
ST_GOTO_CONNEC			X	
ST_HAPPY_CUSTOMER			X	
ST_HARD_DISK			X	
ST_INTERNET			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_IOT_ACTUATOR_COMP	X			
ST_IOT_OBJECT	X			
ST_IOT_SENSOR_COMP	X			
ST_IS_GATEWAY	X			
ST_LAN			X	
ST_MAGNET_TAPE			X	
ST_MAIL			X	
ST_MARKED			X	
ST_MATERIAL			X	
ST_MAT_RATE			X	
ST_MESSAGE_PART			X	
ST_MESSAGE_TYPE			X	
ST_MICROFICHE_1			X	
ST_OFFICE_SYSTEM			X	
ST_OPP_AREA			X	
ST_ORACLE_BPEL_ABSTRACT_ACTIVITY			X	
ST_ORACLE_BPEL_BUSINESS_RULES			X	
ST_ORACLE_BPEL_HUMAN_TASK			X	
ST_ORACLE_BPEL_NOTIFICATION			X	
ST_ORACLE_FLOW_N			X	
ST_PERSON			X	
ST_POLICY			X	
ST_PRINTER			X	
ST_PROBLEM_AREA			X	
ST_REVENUE_1	X			
ST_SCREEN			X	
ST_SERVICE_OPERATION			X	
ST_SERVICE_PORT_TYPE			X	
ST_STRATEGY			X	
ST_TELEPHONE			X	
ST_TRUCK			X	
ST_UNHAPPY_CUSTOMER			X	
ST_WASTE_BIN			X	
SUBSTITUTE2USER_REFS			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
SUBSTITUTE2USER_SEL			X	
SURVEY2QUESTIONNAIRES_REV_REFS			X	
SURVEYANDQUESTIONNAIREPIECHARTPERCONTROL			X	
SURVEYANDQUESTIONNAIREPIECHARTPERRISK			X	
SURVEYANDQUESTIONNAIREPIECHARTPERTESTDEFINITION			X	
SURVEYPIECHART			X	
SURVEYREVIEWER_SURVEYS			X	
SURVEYSUMMARYANSWERRESULT			X	
SURVEYSUMMARYREVIEWEDRESULT			X	
SURVEYTASK2QUESTIONNAIRES_REV_REFS			X	
SURVEYTASK2SURVEYS_REV_REFS			X	
SURVEYTASK_CROSSTABULATION			X	
SURVEYTASK_EXCELREPORT_ANSWERDETAIL			X	
SURVEYTASK_EXCELREPORT_SCOREDETAIL			X	
SURVEYTASK_RESULT_SUMMARY			X	
SURVEYTASK_SCORE			X	
SURVEYTASK_SCORECOMPARISON			X	
SURVEY_CROSSTABULATION			X	
SURVEY_EXCELREPORT_ANSWERDETAIL			X	
SURVEY_EXCELREPORT_SCOREDETAIL			X	
SURVEY_RESULT_SUMMARY			X	
SURVEY_SCORE			X	
SURVEY_SCORECOMPARISON			X	
TASKITEM	X			
TESTACTION2DEFICIENCY_REFS			X	
TESTACTION2RECOMMENDATIONS_SEL			X	
TESTACTIONEXTERNALAUDITOR			X	
TESTACTIONREVIEWER			X	
TESTACTIONTESTER			X	
TESTCASE2CONTROLEXECUTIONS			X	
TESTCASE2QUESTIONNAIRES			X	
TESTCASE2SURVEYS			X	
TESTDEFINITION2CONTROL			X	
TESTDEFINITION2QUESTIONNAIRESTATISTICLIST			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
TESTDEFINITION2RISK			X	
TESTDEFINITION2TESTACTION			X	
TESTDEFINITION_OWNERGROUP_SEL			X	
TEST_DEFINITION2QUESTIONNAIRES			X	
TEST_DEFINITION2QUESTIONNAIRESFORWARDLIST			X	
UPDATEABLETESTACTIONS			X	
USER2USERGROUP_REV_REFS			X	
USER2USERGROUP_REV_SEL			X	
USERGROUP_RELATIONS			X	
USERPROFILE	X			
USERROLE_TYPE_SUBSCRIPTIONMANAGER	X			
XL_INSERT_PICTURE_EXPAND_COLUMN	X			
XL_INSERT_PICTURE_EXPAND_ROW	X			
XL_INSERT_PICTURE_EXPAND_ROW_AND_COLUMN	X			
XL_INSERT_PICTURE_OVERLAY	X			

## 10.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ADS repository</b>				
.addStakeHolder(ADSDocument,ADSDocumentStakeHolder) -> boolean	X			
.createCustomizedAttributes (ADSCustomAttribute) -> boolean	X			
.deleteCustomizedAttributes(ADSCustomAttribute) -> boolean	X			
.getAllDocuments(ADSFolder) -> ADSDocument[]	X			
.getDocumentById(String) -> ADSDocument	X			
.getDocumentByLink(String) -> ADSDocumen	X			
.lockDocument(ADSDocument) -> boolean	X			
.moveDocument(ADSDocument,ADSFolder) -> ADSDocument	X			
.setPermissions(ADSFolder,String[],AFolderAuthorizationType) -> boolean	X			
.unlockDocument(ADSDocument) -> boolean	X			
<b>ARCM</b>				
.createQuery(String,int) -> ARCMQuery	X			
.findByOVID(String,int) -> ARCMAppObject	X			
.getArisModelFromHierarchyObject(ArisData,ARCMAppObject,int) -> Item	X			
.getArisObject(ArisData,ARCMAppObject,int) -> Item	X			
.getCurrentUser() -> ARCMUser	X			
.getQueryRestrictionFactory() -> ARCMQueryRestrictionFactory	X			
.getSelectedObjs(int) -> List	X			
ARCMAppObject	X			
ARCMAttribute	X			
ARCMCxnObject	X			
ARCMEnumAttribute	X			
ARCMEnumItem	X			
ARCMGroup	X			
ARCMIcon	X			
ARCMListAttribute	X			
ARCMQuery	X			
ARCMQueryLogicalExpression	X			
ARCMQueryOrder	X			
ARCMQueryRestrictionFactory	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMUser	X			
ARCMValueAttribute	X			
AppObject			X	
AppObjectAttribute			X	
AppObjectDataSource			X	
ArisMetaModel.getItemTypeDescription(int,int) -> String (also available in Publisher)	X			
ArisMetaModel.getItemTypeName(int,int) -> String (also available in Publisher)	X			
ArisTypeValue	X			
BooleanValue	X			
ChartDataSource			X	
DataQuery		X		
DataQueryFactory		X		
Database.FindGUID(String[]) -> Item[]	X			
DeprecatedOutputMethods.Init(int) -> void				X
DeprecatedOutputMethods.SetTOCFormat(int,String,int,int,int,int,int,int,int,int,int) -> void				X
DeprecatedOutputMethods.WriteReport(String) -> void				X
DeprecatedOutputMethods.WriteReport(String,String) -> void				X
DialogObject.DialogControlXYZ_cellEdited(int,int) -> void	X			
DoubleValue	X			
EvaluationDataSource			X	
ExtModelOptions.exportOptions() -> byte[]			X	
ExtModelOptions.importOptions(byte[]) -> boolean			X	
Group.GetDefaultSymbolNum() -> int (also available in Publisher)			X	
GroupInfo			X	
GuidValue	X			
HierarchyDefinition	X			
HierarchyStructure	X			
HumanTaskAssignmentFilter	X			
HumanTaskAssignmentWrapper	X			
HumanTaskFilter	X			
HumanTaskWrapper	X			
IProperty	X			



REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
InstanceFilter	X			
InstanceWrapper	X			
IntegerValue	X			
HeaderCell			X	
HeaderInfo			X	
ItemTypeDefinition	X			
ListDataSource			X	
ListValue	X			
ListViewObject			X	
Matrix.canWrite(boolean) -> boolean	X			
MethodFilter.getItemTypeDescription(int,int) -> String (also available in Publisher)	X			
MethodFilter.getItemTypeName(int,int) -> String (also available in Publisher)	X			
Model.canWrite(boolean) -> boolean	X			
ObjDef.GetDefaultSymbolNum() -> int (also available in Publisher)			X	
Output.Init(int) -> void				X
Output.SetTOCFormat(int,String,int,int,int,int,int,int,int,int) -> void				X
Output.WriteReport(String) -> void				X
Output.WriteReport(String,String) -> void				X
PrimitiveValue	X			
Process		X		
ProcessFilter	X			
ProcessWrapper	X			
PropertyPathValue	X			
QueryConfig	X			
QueryTree			X	
ReportDataSource			X	
ReportFilterableDataSource			X	
ReportIcon			X	
ReportService			X	
ReportValue			X	
Result		X		
ResultList	X			
ResultProperty	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ResultTree			X	
ScriptInfo.getAuthor() -> String	X			
ScriptInfo.getCompany() -> String	X			
ScriptInfo.getContextItemKinds() -> int[]	X			
ScriptInfo.getContexts() -> Map	X			
ScriptInfo.getSubject() -> String	X			
ScriptInfo.getSupportedOutputFormats() -> OutputFormat[]	X			
ScriptInfo.getVersion() -> String	X			
ScriptInfo.hasDbWriteAccess() -> boolean	X			
ScriptInfo.hasDialogSupport() -> boolean	X			
ScriptInfo.isAvailableForUsers() -> boolean	X			
SemanticCheck.getProfileDetails(SemanticCheckProfile) -> SemanticCheckProfileDetails	X			
SemanticCheck.getProfiles(int) -> SemanticCheckProfile[]	X			
SemanticCheckProfile.getContexts() -> int[]	X			
SemanticCheckProfile.getDescription() -> String	X			
SemanticCheckProfile.getGuid() -> String	X			
SemanticCheckProfile.getName() -> String	X			
SemanticCheckProfileDetails.getCountRuleTypesUsed() -> int	X			
SemanticCheckProfileDetails.getUsedRuleTypeGuid(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeModelSelectionOptionTitle(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeName(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeObjectSelectionOptionTitle(int) -> String	X			
SemanticCheckProfileDetails.hasUsedRuleTypeModelSelectionOption(int) -> boolean	X			
SemanticCheckProfileDetails.hasUsedRuleTypeObjectSelectionOption(int) -> boolean	X			
SingleValue	X			
Spreadsheet.exportToExcel(Model,String) -> byte[]	X			
Spreadsheet.exportToExcelBySheetID(Model,String,String) -> byte[]	X			
Spreadsheet.exportToExcelBySheetName(Model,String,String) -> byte[]	X			
StringValue	X			
Tree.getItem(int) -> TreeItem	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UserInfo	X			
VersionFilter	X		X	
VersionWrapper	X			
XlsFont.getColorRGB() -> int	X			
XlsFont.setColor(Color) -> void	X			
XlsSheet.insertCellPicture(int,int,byte[],int,double,double) -> void	X			
XlsSheet.insertPicture(int,int,byte[],int,int,double,double) -> void	X			
XlsSheet.rowIterator() -> Iterator			X	
XlsSheet.setPicture(byte[],int,int,int,int,int) -> void				X
XlsSheet.setPicture(byte[],int,int,int,int,int,int,int,int,int) -> void				X
Context.getParameterValueAccess() -> ConfigParameterValueAccess (also available in Publisher)	X			

## 11 Changes from 9.8 SR7 to 9.8 SR8

This chapter describes how the constants and methods for report scripts have changed between version ARIS 9.8 SR7 and ARIS 9.8 SR8.

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>Missing access right constants added</b>				
AR_COLLABORATE	X			
AR_READ_COLLABORATE	X			
AR_READ_SUBMIT_COLLABORATE	X			
<b>Other new constant</b>				
OMF_ANY_OBJECT_TYPE	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>Now the methods globally available in report and macro scripts are documented</b>				
Help: see "Globally available script methods"	X			
enableCancellation(boolean) -> boolean	X			
getConfiguration(String) -> SemanticCheckConfiguration	X			
getString(String) -> String	X			
getString(String,Locale) -> String	X			
getString(String,String) -> String	X			
setDispatchEvents(boolean) -> boolean	X			
strictMode(boolean) -> boolean	X			
<b>Other new method</b>				
XlsSheet.insertCellPicture(int,int,byte[],int,double,double) -> void	X			

## 12 Changes from 9.8 SR6 to 9.8 SR7

This chapter describes how the constants and methods for report scripts have changed between version ARIS 9.8 SR6 and ARIS 9.8 SR7 .

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

### 12.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<b>Missing access right</b>				
AT_DMN_BUILTIN_AGGREGATOR	X			
AT_DMN_HIT_POLICY	X			
AT_TEXT_ANNOTATIONS	X			
AVT_DMN_HIT_POLICY_ANY	X			
AVT_DMN_HIT_POLICY_COLLECT	X			
AVT_DMN_HIT_POLICY_FIRST	X			
AVT_DMN_HIT_POLICY_OUTPUT_ORDER	X			
AVT_DMN_HIT_POLICY_PRIO	X			
AVT_DMN_HIT_POLICY_RULE_ORDER	X			
AVT_DMN_HIT_POLICY_UNIQUE	X			
AVT_DMN_RULE_COUNT	X			
AVT_DMN_RULE_MAX	X			
AVT_DMN_RULE_MIN	X			
AVT_DMN_RULE_SUM	X			
AVT_SM72_EXEC_EXTRA_NAVIGATION	X			
AVT_SM72_EXEC_FIORI	X			
AVT_SM72_EXEC_WEBDYNPRO_ABAP_APPL_CONFIG	X			
<b>Connection type</b>				
CT_DMN_ALLOWS_ENTRY	X			
CT_DMN_AUTHORITY_REQ	X			
CT_DMN_CALLS	X			
CT_DMN_HAS_AS_OUTPUT	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_DMN_HAS_PARAMETER	X			
CT_DMN_INFO_REQ	X			
CT_DMN_IS_BOUND_TO	X			
CT_DMN_IS_DERIVED_BY	X			
CT_DMN_IS_INPUT_DECISION_OF	X			
CT_DMN_IS_INPUT_FOR	X			
CT_DMN_IS_OUTPUT_DECISION_OF	X			
CT_DMN_IS_OUTPUT_ENTRY_USED_BY	X			
CT_DMN_IS_REQUIRED_FOR	X			
CT_DMN_IS_USED_BY	X			
CT_DMN_KNOWLEDGE_REQ	X			
CT_DMN_SETS	X			
CT_DMN_USES_INPUT_ENTRY	X			
CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT			X	
CT_RESPONSIBILITY_2nd_LEVEL_SUPPORT			X	
CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT			X	
CT_RESPONSIBILITY_APPLICATION			X	
CT_RESPONSIBILITY_FACILITY_OPERATOR			X	
CT_RESPONSIBILITY_HOTLINE_SUPPORT			X	
CT_RESPONSIBILITY_OPERATING			X	
CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING			X	
CT_RESPONSIBILITY_SYSTEM			X	
CT_RESPONSIBILITY_SYSTEM_INTEGRATION			X	
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING			X	
CT_SUBSTITUTE_RESPONSIBILITY_SYSTE			X	
CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_2ND_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_APPLICATION	X			
CT_RESPONSIBILITY_FACILITY_OPERATOR	X			
CT_RESPONSIBILITY_HOTLINE_SUPPORT	X			
CT_RESPONSIBILITY_OPERATING	X			
CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING	X			
CT_RESPONSIBILITY_SYSTEM	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_RESPONSIBILITY_SYSTEM_INTEGRATION	X			
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING	X			
CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM	X			
<b>Lane type</b>				
LT_DMN_BINDING	X			
LT_DMN_BINDING_EXPRESSIONS	X			
LT_DMN_DERIVATION	X			
LT_DMN_EXPECTED_ENTRIES	X			
LT_DMN_HEADER	X			
LT_DMN_INFO_ITEM	X			
LT_DMN_INPUT	X			
LT_DMN_INVOKED_EXPRESSION	X			
LT_DMN_OUTPUT	X			
LT_DMN_PARAMETERS	X			
LT_DMN_RULE	X			
<b>Model type</b>				
MT_DMN_CALLED_FUNCTION	X			
MT_DMN_CONTEXT_DIAGRAM	X			
MT_DMN_DECISION_REQUIREMENTS_DIAGRAM	X			
MT_DMN_DECISION_TABLE_MODEL	X			
MT_DMN_INVOCATION_MODEL	X			
<b>Symbol type</b>				
ST_DMN_ABSTRACT_STATE	X			
ST_DMN_BINDING_EXPRESSION	X			
ST_DMN_BUSINESS_KNOWLEDGE_MOD	X			
ST_DMN_CASE	X			
ST_DMN_DECISION	X			
ST_DMN_DECISION_SERVICE	X			
ST_DMN_DEFAULT_OUTPUT_ENTRY	X			
ST_DMN_EXPRESSION	X			
ST_DMN_EXPRESSION_1	X			
ST_DMN_GENERIC_DECISION_SERVICE	X			
ST_DMN_INPUT_CONCRETE_STATE	X			
ST_DMN_INPUT_DATA	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ST_DMN_INPUT_ENTRY	X			
ST_DMN_INPUT_EXPRESSION	X			
ST_DMN_INPUT_OUTPUT_DECISION_SERVICE	X			
ST_DMN_KNOWLEDGE_SOURCE	X			
ST_DMN_OUTPUT_COMPONENT	X			
ST_DMN_OUTPUT_CONCRETE_STATE	X			
ST_DMN_OUTPUT_ENTRY	X			
ST_DMN_PARAMETER	X			



## 12.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
AppObjectDataSource.getIcon(String) -> ReportIcon	X			
AppObjectDataSource.getIcons() -> Map	X			
AppObjectDataSource.getReportTitle() -> String	X			
AppObjectDataSource.getUserInfo() -> UserInfo	X			
ChartDataSource.getFilterTitles() -> List	X			
ChartDataSource.getFilterValues() -> List	X			
ChartDataSource.getFilters() -> Map	X			
ChartDataSource.getIcon(String) -> ReportIcon	X			
ChartDataSource.getIcons() -> Map	X			
ChartDataSource.getReportTitle() -> String	X			
ChartDataSource.getUserInfo() -> UserInfo	X			
EvaluationDataSource.getFilterTitles() -> List	X			
EvaluationDataSource.getFilterValues() -> List	X			
EvaluationDataSource.getFilters() -> Map	X			
EvaluationDataSource.getIcon(String) -> ReportIcon	X			
EvaluationDataSource.getIcons() -> Map	X			
EvaluationDataSource.getReportTitle() -> String	X			
EvaluationDataSource.getUserInfo() -> UserInfo	X			
ListDataSource.getFilterTitles() -> List	X			
ListDataSource.getFilterValues() -> List	X			
ListDataSource.getFilters() -> Map	X			
ListDataSource.getIcon(String) -> ReportIcon	X			
ListDataSource.getIcons() -> Map	X			
ListDataSource.getReportTitle() -> String	X			
ListDataSource.getUserInfo() -> UserInfo	X			
ReportFilterableDataSource.getIcon(String) -> ReportIcon	X			
ReportFilterableDataSource.getIcons() -> Map	X			
ReportFilterableDataSource.getReportTitle() -> String	X			
ReportFilterableDataSource.getUserInfo() -> UserInfo	X			
ReportService.getAppObjDataSource(ReportObjectRequest, AUserToken) -> ReportDataSource			X	
ReportService.getApproach(AUserToken) -> String	X			
ReportService.getContextData(String, AUserToken) ->	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ContextResponse				
ReportService.getDebugData(String,String,AUserToken,Locale,int) -> DebugResponse	X			
ReportService. getEvaluationDataSource(ReportEvaluationRequest,AUserToken) -> ReportDataSource			X	
ReportService.getListDataSource(ReportListRequest,AUserToken) -> ReportDataSource			X	
ReportService.getLogDataSource(ReportObjectRequest,AUserToken) -> ReportDataSource			X	
Matrix.canWrite(boolean) -> boolean	X			
Model.canWrite(boolean) -> boolean	X			
Spreadsheet.exportToExcel(Model,String) -> byte[]	X			
Spreadsheet.exportToExcelBySheetID(Model,String,String) -> byte[]	X			
Spreadsheet.exportToExcelBySheetName(Model,String,String) -> byte[]	X			
XlsFont.getColorRGB() -> int	X			
XlsFont.setColor(Color) -> void	X			

## 13 Changes from 9.8 SR4 to 9.8 SR6

There are new attribute, model, connection (cxn), lane, and symbol type constants in the ARIS metamodel.

Since the ARIS report now supports ARCM reports, there are new classes and constants especially for ARCM reports.

The ARCM constants can be found in the help:

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMConstants.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMConstants.htm)

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMConstants.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMConstants.htm)

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMEnumerations.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMEnumerations.htm)

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMEvaluations.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMEvaluations.htm)

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMJobStatus.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMJobStatus.htm)

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMLists.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMLists.htm)

[http://localhost/abs/help/en/script/ba/index.htm#report\\_CONSTANTS\\_ARCMObjectTypes.htm](http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMObjectTypes.htm)

The output object now supports odd/even section definitions:

SECTION\_EVEN (ArisSectionConstants)

SECTION\_ODD (ArisSectionConstants)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>New report component DocumentStorage ("ADS")</b>				
ADSDocument	X			
ADSDocumentAttribute	X			
ADSDocumentMetaInfo	X			
ADSFolder	X			
ADSRepository	X			
<b>New report component ARCM and its additional classes to communicate with the ARCM server</b>				
ARCM	X			
ARCMClientRepresentation	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMJobId	X			
ARCMJobResponse	X			
AppObject	X			
AppObjectAttribute	X			
AppObjectDataSource	X			
ChartDataSource	X			
EvaluationDataSource	X			
GroupInfo	X			
HeaderCell	X			
HeaderInfo	X			
Iterable	X			
ListDataSource	X			
ListViewObject	X			
ReportDataSource	X			
ReportFilterableDataSource	X			
ReportIcon	X			
ReportService	X			
ReportValue	X			
UserInfo	X			
<b>New report component DataQuery to execute fast database queries</b>				
DataQueryFactory	X			
QueryTree	X			
Result	X			
ResultTree	X			
<b>New report component "AlfabetIntegration" to automate the import functionality from Alfabet</b>				
AlfabetIntegration.importTables(Group,String[]) -> boolean	X			
AlfabetIntegration.isAvailable(Database) -> boolean	X			
AlfabetIntegration.removeAll(Database,int) -> boolean	X			
AlfabetIntegration.synchronize(Database,int) -> boolean	X			

<b>New standard report API methods</b>				
XlsSheet.insertCellPicture(int,int,byte[],int,double,double) -> void	X			
ComObjOcc.setPicture(byte[],String) -> boolean (Defines/overwrites the picture in a model)	X			
Model.canWrite(boolean bCheckAccessPermissions) -> boolean (Checks whether the model can be changed by the current report)	X			
Model.createPicture(int,int,int,int,byte[],String) -> ComObjOcc (Adds a new picture to a model)	X			
ModelOptions.getLayoutParameters(int) -> LayoutParameters (Returns the layout parameters for a model type)	X			
ServerAdmin.renameDatabase(String,String,boolean) -> boolean (Renames a database)	X			
UmcPrivilege.getAssignedSeats() -> Long	X			
UmcUsergroup.getPermissionSeats() -> Map	X			
User.AccessRights(Group,boolean) -> int: new method with additional parameter to retrieve full rights including user groups	X			
UserDialog.setBrowseClientFolders(String,String,String,boolean) -> void (Allows the user to browse a client path name)	X			
XMLOutputWriter.getDocumentContent() -> byte[] (Returns the content of an XML result as bytes (using UTF-8 encoding))	X			

## 14 Changes from 7.2.4 to 9.8 SR4

This chapter describes how the constants and methods for report scripts have changed between version ARIS 7.2.4 and ARIS 9.8 SR4.

In most cases, the removed methods can still be called, but they have no function anymore and should be removed/replaced. The deprecated methods should not be used anymore. They are replaced by functions which are more suitable.

For a description of the added methods please refer to the online help for ARIS Script.

Some attributes that exist for most items, such as **Creator**, **Time of generation**, **Last user**, and **Last change**, are now directly accessible via methods as item properties.

Please note that the report scripts themselves no longer exist on the server's file system. Instead, they are stored in a database. All script import/export/delete operations only affect on the (system) database contents and no longer touch the file system.

### 14.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
FMT_STRIKETHROUGH—the output objects supports “strikethrough” text format	X			
MODEL_CXN_DISTANCE—model flag (have distance between cxn and object)	X			
SAVE_AUTO - the new standard save mode in the ARIS report.	X			

Please read the details here:

<http://www.ariscommunity.com/users/thaase/2015-11-24-slow-reports-aris-9-how-improve-save-performance-when-modifying-data>

(<http://www.ariscommunity.com/users/thaase/2015-11-24-slow-reports-aris-9-how-improve-save-performance-when-modifying-data>)

For new link functionality in ARIS 9 (so far used only by UML2)				
LINKRULE_NONE	X			
LINKRULE_SOURCE_DELETES_TARGET	X			
LINKRULE_SOURCE_RENAMES_TARGET	X			
LINKRULE_TARGET_DELETES_SOURCE	X			
LINKRULE_TARGET_RENAMES_SOURCE	X			
LINKTYPE_DIAGRAM_ASSIGNMENT	X			
LINKTYPE_OMF_TAGREFERENCE	X			
LINKTYPE_REUSE_OBJECT_LINK	X			

## 14.2 Methods (7.2.4 to 9.8 SR4)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>Now the methods globally available in report and macro scripts are documented</b>				
ABOCubeProxy.getLocale(DbSession) -> Locale		X		
return type ABOGroup.getGroup() -> ABOGroupInst		X		
ABOGroup.getSetInstance() -> ASetInstanceDTO	X			
ABOSubject.createGUIDandOID() -> void				X
ABOSubject.createGUIDandOIDNew() -> void	X			
AExcelAccessException			X	
ArisMetaModel.getAPIName(int,int) -> String (also available in Publisher)	X			
ArisMetaModel.getMetamodelItems(int,int) -> int[] (also available in Publisher)	X			
ArisMetaModel.getMetamodelName(int) -> String (also available in Publisher)	X			
ArisMetaModel.getMetamodels() -> int[] (also available in Publisher)	X			
ArisMetaModel.isUniqueCxn(int,int,int) -> int (also available in Publisher)	X			
AttrDateDef.getValueGMT0() -> long (also available in Publisher)	X			
AttrDateDef.setValueGMT0(long) -> boolean	X			
AttrTimeDef.getValueGMT0() -> long	X			
AttrTimeDef.setValueGMT0(long) -> boolean	X			
AttrTimeStampDef.getValueGMT0() -> long	X			
AttrTimeStampDef.setValueGMT0(long) -> boolean	X			
AttrOcc.getOrderNum() -> int (also available in Publisher)	X			
AttrOcc.getRotation() -> short (also available in Publisher)	X			
AttrOcc.setOrderNum(short) -> boolean	X			
BOReportRoot.assignSmartinputPermission(ABOUser) -> void	X			
BPExportData.getDbName() -> String	X			
BPExportData.getPaletteGUID() -> String	X			
BPExportData.getServerName() -> String	X			
BPExportData.getTenantID() -> String	X			
BPExportData.setDbName(String) -> void	X			
BPExportData.setPaletteGUID(String) -> void	X			
BPExportData.setServerName(String) -> void	X			
BPExportData.setTenantID(String) -> void	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
BPExportData.getSelectedMethodFilters() -> GUID[]			X	
BPExportData.getSelectedMethodFiltersAsString() -> String[]			X	
BPExportData.setSelectedMethodFilters(GUID[]) -> void			X	
BPExportData.setSelectedMethodFiltersAsStringArray(String[]) -> void			X	
BPExportResult.getMsgs() -> List			X	
BPLayoutInfo.getOEMProfile() -> String	X			
BPLayoutInfo.setOEMProfile(String) -> void	X			
BusinessPublisher.editExport(Database,BPExportData) -> BPExportResult	X			
BusinessPublisher.getLocaleId(Locale) -> int	X			
BusinessPublisher.getLocaleId(String) -> int	X			
BusinessPublisher.removeSpecialCharacters(String) -> String	X			
BusinessPublisher.uploadKey(String) -> boolean			X	
ComObjOcc.getIncomingLinks() -> Link[]	X			
ComObjOcc.getLinks() -> Link[]	X			
ComObjOcc.getOptionalBitmap() -> byte[]	X			
ComObjOcc.getOutgoingLinks() -> Link[]	X			
ComObjOcc.ObjectID(int) -> String (also available in Publisher)			X	
ConnectableDef.getCreator() -> String	X			
ConnectableDef.getIncomingLinks() -> Link[]	X			
ConnectableDef.getLastModifier() -> String	X			
ConnectableDef.getLinks() -> Link[]	X			
ConnectableDef.getOutgoingLinks() -> Link[]	X			
ConnectableDef.getTimeOfCreation() -> ATimeStamp	X			
ConnectableDef.getTimeOfLastModification() -> ATimeStamp	X			
ConnectableDef.OID() -> int[]				X
ConnectableDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
ConnectableDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
ConnectableDef.toExtCxnDefs() -> ExtCxnDef[]			X	
ConnectableOcc.getIncomingLinks() -> Link[]	X			
ConnectableOcc.getLinks() -> Link[]	X			
ConnectableOcc.getOutgoingLinks() -> Link[]	X			
ConnectableOcc.ObjectID(int) -> String (also available in Publisher)			X	
ConnectableOcc.fromExtCxnOccs() -> ExtCxnOcc[]			X	



New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ConnectableOcc.toExtCxnOccs() -> ExtCxnOcc[]			X	
ConsolidateSet.add(ObjDef,ObjDef[]) -> void	X			
This interface is used for "virtual" connections created by an assignment	X			
CxnAssign.ActiveType() -> String (also available in Publisher)	X			
CxnAssign.AssignedModels() -> Model[]	X			
CxnAssign.AssignedModels(int) -> Model[]	X			
CxnAssign.AssignedModels(int[]) -> Model[]	X			
CxnAssign.AttrList(int) -> Attr[] (also available in Publisher)	X			
CxnAssign.AttrList(int,boolean) -> Attr[] (also available in Publisher)	X			
CxnAssign.AttrList(int,int[]) -> Attr[] (also available in Publisher)	X			
CxnAssign.AttrList(int,int[],boolean) -> Attr[] (also available in Publisher)	X			
CxnAssign.AttrMap(int) -> Map (also available in Publisher)	X			
CxnAssign.AttrMap(int,boolean) -> Map (also available in Publisher)	X			
CxnAssign.AttrMap(int,int[]) -> Map (also available in Publisher)	X			
CxnAssign.AttrMap(int,int[],boolean) -> Map (also available in Publisher)	X			
CxnAssign.Attribute(int,int) -> Attr (also available in Publisher)	X			
CxnAssign.Attribute(int,int,boolean) -> Attr (also available in Publisher)	X			
CxnAssign.CompareAttributes(Item) -> Map (also available in Publisher)	X			
CxnAssign.CompareAttributes(Item,int[]) -> Map (also available in Publisher)	X			
CxnAssign.CreateAssignment(Model) -> boolean	X			
CxnAssign.CreateAssignment(Model,boolean) -> boolean	X			
CxnAssign.Database() -> Database (also available in Publisher)	X			
CxnAssign.Delete() -> boolean	X			
CxnAssign.Delete(boolean) -> boolean	X			
CxnAssign.DeleteAssignment(Model) -> boolean	X			
CxnAssign.GUID() -> String (also available in Publisher)	X			
CxnAssign.GetReorgMark() -> int	X			
CxnAssign.IsEqual(ArisObject) -> boolean (also available in Publisher)	X			
CxnAssign.IsValid() -> boolean (also available in Publisher)	X			
CxnAssign.KindNum() -> int (also available in Publisher)	X			
CxnAssign.Name(int) -> String (also available in Publisher)	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
CxnAssign.Name(int,boolean) -> String (also available in Publisher)	X			
CxnAssign.OID() -> int[]	X			
CxnAssign.ObjectID() -> String (also available in Publisher)	X			
CxnAssign.OccList() -> CxnOcc[] (also available in Publisher)	X			
CxnAssign.OccList(Model[]) -> CxnOcc[] (also available in Publisher)	X			
CxnAssign.PassiveType() -> String (also available in Publisher)	X			
CxnAssign.RefGUID() -> String	X			
CxnAssign.SetReorgMark(int) -> boolean	X			
CxnAssign.SourceObjDef() -> ObjDef (also available in Publisher)	X			
CxnAssign.TargetModel() -> Model (also available in Publisher)	X			
CxnAssign.TargetObjDef() -> ObjDef (also available in Publisher)	X			
CxnAssign.Touch() -> void	X			
CxnAssign.TypeNum() -> int	X			
CxnAssign.WriteAttributes(Map,int) -> Attr[]	X			
CxnAssign.getCreator() -> String	X			
CxnAssign.getIncomingLinks() -> Link[]	X			
CxnAssign.getLastModifier() -> String	X			
CxnAssign.getLinks() -> Link[]	X			
CxnAssign.getOutgoingLinks() -> Link[]	X			
CxnAssign.getReorgMark() -> int	X			
CxnAssign.getTimeOfCreation() -> ATimeStamp	X			
CxnAssign.getTimeOfLastModification() -> ATimeStamp	X			
CxnAssign.isImplicitCxn() -> boolean (also available in Publisher)	X			
CxnAssign.setReorgMark(int) -> boolean	X			
CxnDef.getCreator() -> String	X			
CxnDef.getIncomingLinks() -> Link[]	X			
CxnDef.getLastModifier() -> String	X			
CxnDef.getLinks() -> Link[]	X			
CxnDef.getOutgoingLinks() -> Link[]	X			
CxnDef.getTimeOfCreation() -> ATimeStamp	X			
CxnDef.getTimeOfLastModification() -> ATimeStamp	X			
CxnDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
CxnDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
CxnDef.toExtCxnDefs() -> ExtCxnDef[]			X	

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
CxnDef.OID() -> int[]				X
CxnLineStyle.getColor() -> Color	X			
CxnLineStyle.getStyle() -> int	X			
CxnLineStyle.getWidth() -> int	X			
CxnLineStyle.isDefault() -> boolean	X			
CxnLineStyle.setColor(Color) -> void	X			
CxnLineStyle.setColorValue(int) -> void	X			
CxnLineStyle.setDefault() -> void	X			
CxnLineStyle.setStyle(int) -> void	X			
CxnLineStyle.setWidth(int) -> void	X			
CxnOcc.getDefinition() -> CxnDef (also available in Publisher)	X			
CxnOcc.getIncomingLinks() -> Link[]	X			
CxnOcc.getLineStyle() -> CxnLineStyle (also available in Publisher)	X			
CxnOcc.getLinks() -> Link[]	X			
CxnOcc.getOutgoingLinks() -> Link[]	X			
CxnOcc.getPoints() -> Point[] (also available in Publisher)	X			
CxnOcc.getSource() -> ObjOcc (also available in Publisher)	X			
CxnOcc.getTarget() -> ObjOcc (also available in Publisher)	X			
CxnOcc.setLineStyle(CxnLineStyle) -> boolean	X			
CxnOcc.setPoints(Point[]) -> boolean	X			
CxnOcc.CxnDef() -> CxnDef (also available in Publisher)				X
CxnOcc.GetLine() -> int[] (also available in Publisher)				X
CxnOcc.PointList() -> Point[] (also available in Publisher)				X
CxnOcc.SetPointList(Point[]) -> boolean				X
CxnOcc.SourceObjOcc() -> ObjOcc (also available in Publisher)				X
CxnOcc.SetPointList(Point[]) -> boolean				X
CxnOcc.SourceObjOcc() -> ObjOcc (also available in Publisher)				X
CxnOcc.ObjectID(int) -> String (also available in Publisher)			X	
CxnOcc.fromExtCxnOccs() -> ExtCxnOcc[]			X	
CxnOcc.toExtCxnOccs() -> ExtCxnOcc[]			X	
class DMSCredentials			X	
class DMSFileItem			X	
class DMSIntegration			X	
class DMSLock			X	

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
class DMSLockOptions			X	
class DMSObject			X	
class DMSProvider			X	
class DMSResultEntry			X	
class DMSSearchQuery			X	
class DMSVersion			X	
class DMSVersionCreationOptions			X	
class DTD			X	
Database users are no longer stored in the ARIS database, but in the Central User Management (UMC). The corresponding report methods consequently manage the users in the UMC, so they still work "as expected."	X			
The term "AssignedUser" is used for a user having the right to (at least) view the database content. Non-assigned users do not even see the database in the explorer.	X			
Database.AssignedUserGroups() -> UserGroup[]	X			
Database.AssignedUsers() -> User[]	X			
Database.CreateUser(String,String,int[],boolean,int) -> User	X			
Database.CreateUserGroup(String,int[],int) -> UserGroup	X			
Database.getArisData() -> ArisData	X			
Database.getCreator() -> String	X			
Database.getDefaultFilter() -> String	X			
Database.getLastModifier() -> String	X			
Database.getPaletteGUID() -> String	X			
Database.getReturnSystemAttributes() -> boolean	X			
Database.getTimeOfCreation() -> ATimeStamp	X			
Database.getTimeOfLastModification() -> ATimeStamp	X			
Database.setDefaultFilter(String) -> boolean	X			
Database.setPaletteGUID(String) -> boolean	X			
Database.setReturnSystemAttributes(boolean) -> void	X			
Database.OID() -> int[]				X
DbInfo.getCount(int) -> long	X			
DeployResult.getMessages() -> List	X			
DeployResult.getState() -> boolean				
class DiagramType			X	
DialogTemplate.SetProperties(String[]) -> void	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
class DisplayOption			X	
<b>Visio import component API: var vImport = Context.getComponent ("VisioImport")</b>				
DrawingImport.getBPMNSupport() -> ReportBPMNSupport	X			
DrawingImport.getMapping(byte[],byte[],MethodFilter) -> Mapping	X			
DrawingImport.loadDrawingFile(String,byte[]) -> VisioLoader	X			
DrawingImport.loadDrawingFile(String,byte[],String) -> VisioLoader	X			
class EdgeSymbol			X	
class ExtCxnDef			X	
class ExtCxnOcc			X	
FontStyle.getCreator() -> String	X			
FontStyle.getLastModifier() -> String	X			
FontStyle.getTimeOfCreation() -> ATimeStamp	X			
FontStyle.getTimeOfLastModification() -> ATimeStamp	X			
FontStyle.OID() -> int[]	X			X
FontStyle.remove() -> boolean [9.8 SR4]	X			
GfxObj.get3DEffect() -> boolean (also available in Publisher)	X			
GfxObj.set3DEffect(boolean) -> boolean	X			
"Group" is now derived from "ObjDef", so it has some more members. Classic ARIS groups have TypeNum()==Constants.OT_GROUP	X			
Group.AssignedModels() -> Model[]	X			
Group.AssignedModels(int) -> Model[]	X			
Group.AssignedModels(int[]) -> Model[]	X			
Group.ChangeGroup(Group) -> boolean	X			
Group.Consolidate(ObjDef[]) -> boolean	X			
Group.Consolidate(ObjDef[],boolean) -> boolean	X			
Group.Consolidate(ObjDef[],boolean,boolean) -> boolean	X			
Group.Consolidate(ObjDef[],boolean,boolean,boolean) -> boolean	X			
Group.CreateAssignment(Model) -> boolean	X			
Group.CreateAssignment(Model,boolean) -> boolean	X			
Group.CreateCxnDef(ObjDef,int) -> CxnDef	X			
Group.CxnList() -> CxnDef[] (also available in Publisher)	X			
Group.CxnList(Model[]) -> CxnDef[] (also available in Publisher)	X			
Group.CxnList(int) -> CxnDef[] (also available in Publisher)	X			
Group.CxnList(int,Model[]) -> CxnDef[] (also available in Publisher)	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Group.CxnListFilter(int) -> CxnDef[] (also available in Publisher)	X			
Group.CxnListFilter(int,String,int) -> CxnDef[] (also available in Publisher)	X			
Group.CxnListFilter(int,String,int,int) -> CxnDef[] (also available in Publisher)	X			
Group.CxnListFilter(int,String,int,int,int) -> CxnDef[] (also available in Publisher)	X			
Group.CxnListFilter(int,int) -> CxnDef[] (also available in Publisher)	X			
Group.CxnListFilter(int,int[]) -> CxnDef[] (also available in Publisher)	X			
Group.DeleteAssignment(Model) -> boolean	X			
Group.GetDefaultSymbolNum() -> int (also available in Publisher)	X			
Group.GetReorgMark() -> int	X			
Group.Group() -> Group (also available in Publisher)	X			
Group.HasVariants() -> boolean (also available in Publisher)	X			
Group.Identifier(int) -> String (also available in Publisher)	X			
Group.IsVariant() -> boolean (also available in Publisher)	X			
Group.LinkVariant(ObjDef) -> boolean	X			
Group.Master() -> ObjDef (also available in Publisher)	X			
Group.OccList() -> ObjOcc[] (also available in Publisher)	X			
Group.OccList(Model[]) -> ObjOcc[] (also available in Publisher)	X			
Group.OccListInModel(Model) -> Occ[] (also available in Publisher)	X			
Group.OID() -> int[]				X
Group.SetDefaultSymbolNum(int,boolean) -> boolean	X			
Group.SetReorgMark(int) -> boolean	X			
Group.Type() -> String (also available in Publisher)	X			
Group.Type(boolean) -> String (also available in Publisher)	X			
Group.TypeNum() -> int	X			
Group.UnlinkVariant(ObjDef) -> boolean	X			
Group.Variants() -> ObjDef[] (also available in Publisher)	X			
Group.Variants(Group[]) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int[]) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int[],int) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int[],int,int[]) -> ObjDef[] (also available in Publisher)	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Group.getCreator() -> String	X			
Group.getDefaultSymbolGUID() -> String (also available in Publisher)	X			
Group.getDefaultSymbolNum() -> int (also available in Publisher)	X			
Group.getDuration(int,Date,int) -> Date (also available in Publisher)	X			
Group.getEndDate(int,int,int) -> Date (also available in Publisher)	X			
Group.getIncomingLinks() -> Link[]	X			
Group.getLastModifier() -> String	X			
Group.getLinks() -> Link[]	X			
Group.getLockOwner() -> String	X			
Group.getNextWorkingDate(int,int) -> Date (also available in Publisher)	X			
Group.getOutgoingLinks() -> Link[]	X			
Group.getReorgMark() -> int	X			
Group.getSubTypeNum() -> int (also available in Publisher)	X			
Group.getTimeOfCreation() -> ATimeStamp	X			
Group.getTimeOfLastModification() -> ATimeStamp	X			
Group.setDefaultSymbolGUID(String,boolean) -> boolean	X			
Group.setDefaultSymbolNum(int,boolean) -> boolean	X			
Group.setReorgMark(int) -> boolean	X			
Group.setSubTypeNum(int) -> boolean	X			
Item.getCreator() -> String	X			
Item.getLastModifier() -> String	X			
Item.getTimeOfCreation() -> ATimeStamp	X			
Item.getTimeOfLastModification() -> ATimeStamp	X			
Item.OID() -> int[]				X
Label.Database() -> Database (also available in Publisher)	X			
Label.IsValid() -> boolean (also available in Publisher)	X			
Label.getDefiningOccurrence() -> Occ	X			
Label.getFontStyleSheet() -> FontStyle	X			
Label.getHeight() -> int	X			
Label.getRotation() -> short	X			
Label.getTypeNum() -> int	X			
Label.getWidth() -> int	X			
Label.getX() -> int	X			
Label.getY() -> int	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Lane.getCreator() -> String	X			
Lane.getLastModifier() -> String	X			
Lane.getTimeOfCreation() -> ATimeStamp	X			
Lane.getTimeOfLastModification() -> ATimeStamp	X			
Lane.OID() -> int[]				X
Link.Database() -> Database	X			
Link.IsValid() -> boolean	X			
Link.ObjectID() -> String	X			
Link.getLinkDataGUID() -> String	X			
Link.getLinkKind() -> int	X			
Link.getLinkRules() -> LinkRule[]	X			
Link.getLinkSource() -> ArisObject	X			
Link.getLinkTarget() -> ArisObject	X			
Link.getLinkType() -> LinkType	X			
<b>Used by Visio import component</b>				
Mapping.findDrawingTypeByAlias(String) -> String	X			
Mapping.getAllUsedSymbols() -> int[]	X			
Mapping.getCxnType(String,String) -> int	X			
Mapping.getDrawingTypeNameMap(String) -> HashMap	X			
Mapping.getFallbackCxnType(ObjOcc,ObjOcc,int) -> int	X			
Mapping.getModelTypeByVisioTemplate(String) -> int	X			
Mapping.getSourceType() -> String	X			
Mapping.getSymbolByNameU(String) -> int	X			
Mapping.initMapping(String) -> boolean	X			
Matrix.Graphic(boolean,boolean,int,boolean) -> ModelPicture (also available in Publisher)	X			
Matrix.ObjDefListBySymbols(int[]) -> ObjDef[] (also available in Publisher)	X			
Matrix.getCreator() -> String	X			
Matrix.getIncomingLinks() -> Link[]	X			
Matrix.getLastModifier() -> String	X			
Matrix.getLinks() -> Link[]	X			
Matrix.getLockOwner() -> String	X			
Matrix.getOutgoingLinks() -> Link[]	X			
Matrix.getTimeOfCreation() -> ATimeStamp	X			



REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Matrix.getTimeOfLastModification() -> ATimeStamp	X			
Matrix.OID() -> int[]	X			
Matrix.AddBusinessCase(Model) -> boolean			X	
Matrix. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[] ) -> ExtCxnOcc			X	
Matrix. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[] ,boolean) -> ExtCxnOcc			X	
Matrix.OriginalModel() -> Model			X	
MatrixCxnDef.getCreator() -> String	X			
MatrixCxnDef.getIncomingLinks() -> Link[]	X			
MatrixCxnDef.getLastModifier() -> String	X			
MatrixCxnDef.getLinks() -> Link[]	X			
MatrixCxnDef.getOutgoingLinks() -> Link[]	X			
MatrixCxnDef.getTimeOfCreation() -> ATimeStamp	X			
MatrixCxnDef.getTimeOfLastModification() -> ATimeStamp	X			
MatrixCxnDef.OID() -> int[]	X			X
MatrixCxnDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
MatrixCxnDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
MatrixCxnDef.toExtCxnDefs() -> ExtCxnDef[]			X	
MergeBaseOptions			X	
MethodFilter.AttrGroupChildren(int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrGroupChildren(int,int,int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrGroupParents(int) -> int[] (also available in Publisher)	X			
MethodFilter.AttrSymbols(int) -> int[]	X			
MethodFilter.AttrTypesOfAttrGroup(int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrTypesOfAttrGroup(int,int,int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrValueSymbol(int,int) -> Integer	X			
MethodFilter.SymbolGraphic(int,String,boolean) -> PictureBase	X			
MethodFilter.fromAPIName(String) -> int	X			
MethodFilter.getMetamodelItems(int,int) -> int[] (also available in Publisher)	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
MethodFilter.getMetamodelName(int) -> String (also available in Publisher)	X			
MethodFilter.getMetamodels() -> int[] (also available in Publisher)	X			
MethodFilter.getMethodLocale() -> int (also available in Publisher)	X			
MethodFilter.getMethodLocales() -> MethodLocale[]	X			
MethodFilter.isUniqueCxn(int,int,int) -> int (also available in Publisher)	X			
Model.Graphic(boolean,boolean,int,boolean) -> ModelPicture (also available in Publisher) (additional last parameter)			X	
Model.ObjDefListBySymbols(int[]) -> ObjDef[] (also available in Publisher)	X			
Model.getCreator() -> String	X			
Model.getIncomingLinks() -> Link[]	X			
Model.getLastModifier() -> String	X			
Model.getLinks() -> Link[]	X			
Model.getLockOwner() -> String	X			
Model.getOutgoingLinks() -> Link[]	X			
Model.getTimeOfCreation() -> ATimeStamp	X			
Model.getTimeOfLastModification() -> ATimeStamp	X			
Model.OID() -> int[]				X
Model.AddBusinessCase(Model) -> boolean			X	
Model.OriginalModel() -> Model			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[] ) -> ExtCxnOcc			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[] ,boolean) -> ExtCxnOcc			X	
ModelGenerationOptions.hideProcessInterfacesSpecial(boolean) -> void	X			
ModelGenerationOptions.setOnlyOneSatelliteTypeInHeader(long)-> void	X			
ModelPicture.getPictureTiled(int,int,String) -> PictureBase[] (also available in Publisher)	X			
ModelShortcut.getCreator() -> String	X			
ModelShortcut.getLastModifier() -> String	X			
ModelShortcut.getTimeOfCreation() -> ATimeStamp	X			
ModelShortcut.getTimeOfLastModification() -> ATimeStamp	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ModelShortcut.OID() -> int[]				X
MultiDefCxnOcc.AttrOcc(int) -> AttrOcc (also available in Publisher)	X			
MultiDefCxnOcc.AttrOccList() -> AttrOcc[] (also available in Publisher)	X			
MultiDefCxnOcc.Database() -> Database (also available in Publisher)	X			
MultiDefCxnOcc.IsEqual(ArisObject) -> boolean (also available in Publisher)	X			
MultiDefCxnOcc.IsValid() -> boolean (also available in Publisher)	X			
MultiDefCxnOcc.KindNum() -> int (also available in Publisher)	X			
MultiDefCxnOcc.Model() -> Model (also available in Publisher)	X			
MultiDefCxnOcc.ObjectID() -> String (also available in Publisher)	X			
MultiDefCxnOcc.Remove() -> boolean	X			
MultiDefCxnOcc.Remove(boolean) -> boolean	X			
MultiDefCxnOcc.getActive() -> boolean	X			
MultiDefCxnOcc.getDefinition() -> ConnectableDef	X			
MultiDefCxnOcc.getFontStyleSheet() -> FontStyle	X			
MultiDefCxnOcc.getIncomingLinks() -> Link[]	X			
MultiDefCxnOcc.getLabels() -> Label[]	X			
MultiDefCxnOcc.getLineStyle() -> CxnLineStyle	X			
MultiDefCxnOcc.getLinks() -> Link[]	X			
MultiDefCxnOcc.getMultiDefCxnOccs(boolean,boolean) -> MultiDefCxnOcc[]	X			
MultiDefCxnOcc.getOutgoingLinks() -> Link[]	X			
MultiDefCxnOcc.getParticipants() -> ConnectableDef[]	X			
MultiDefCxnOcc.getPoints() -> Point[]	X			
MultiDefCxnOcc.getSource() -> Occ	X			
MultiDefCxnOcc.getSymbolNum() -> int	X			
MultiDefCxnOcc.getTarget() -> Occ	X			
MultiDefCxnOcc.getZOrder() -> int (also available in Publisher)	X			
MultiDefCxnOcc.setActive(boolean) -> boolean	X			
MultiDefCxnOcc.setZOrder(int) -> boolean	X			
class NodeSymbol			X	
ObjDef.getCreator() -> String	X			
ObjDef.getIncomingLinks() -> Link[]	X			
ObjDef.getLastModifier() -> String	X			
ObjDef.getLinks() -> Link[]	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ObjDef.getLockOwner() -> String	X			
ObjDef.getOutgoingLinks() -> Link[]	X			
ObjDef.getTimeOfCreation() -> ATimeStamp	X			
ObjDef.getTimeOfLastModification() -> ATimeStamp	X			
ObjDef.Shortcuts() -> Item[]		X		
ObjDef.OID() -> int[]				X
ObjDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
ObjDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
ObjDef.toExtCxnDefs() -> ExtCxnDef[]			X	
ObjDefShortcut.getCreator() -> String	X			
ObjDefShortcut.getLastModifier() -> String	X			
ObjDefShortcut.getTimeOfCreation() -> ATimeStamp	X			
ObjDefShortcut.getTimeOfLastModification() -> ATimeStamp	X			
ObjDefShortcut.OID() -> int[]				X
ObjOcc.getEmbeddedObjOccs(int[]) -> ObjOcc[]	X			
ObjOcc.getIncomingLinks() -> Link[]	X			
ObjOcc.getLabels() -> Label[]	X			
ObjOcc.getLinks() -> Link[]	X			
ObjOcc.getMultiDefCxnOccs(boolean,boolean) -> MultiDefCxnOcc[]	X			
ObjOcc.getOutgoingLinks() -> Link[]	X			
ObjOcc.AddBusinessOcc(ObjOcc) -> boolean			X	
ObjOcc.BusinessOccs() -> ObjOcc[]			X	
ObjOcc.ObjectID(int) -> String (also available in Publisher)			X	
ObjOcc.OriginalOcc() -> ObjOcc			X	
ObjOcc.fromExtCxnOccs() -> ExtCxnOcc[]			X	
ObjOcc.toExtCxnOccs() -> ExtCxnOcc[]			X	
exception ObjectException			X	
Occ.getIncomingLinks() -> Link[]	X			
Occ.getLinks() -> Link[]	X			
Occ.getOutgoingLinks() -> Link[]	X			
Occ.ObjectID(int) -> String (also available in Publisher)			X	
OutputObjectException			X	
PCA_DATA.assignSmartinputPermission(ABOUser) -> void	X			
signature PCA_DATA. createSystemUser(String,String,String,AUserGroupDTO) -> ABOUser		X		

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
signature PCA_DATA. createUser(String,String,int,String,AUserGroupDTO) -> ABOUser		X		
Picture.Insert(Picture,int,int) -> boolean	X			
Picture.getImageData(String) -> byte[]	X			
Picture.Save(String) -> boolean				X
Polygon.get3DEffect() -> boolean (also available in Publisher)	X			
Polygon.set3DEffect(boolean) -> boolean	X			
Process.deployOrgchart(Database,String) -> DeployResult	X			
<b>Used of Visio import API</b>				
ReportBPMNSupport.getBPMNModelTypes() -> int[]	X			
ReportBPMNSupport.isBPMNModelType(int) -> boolean	X			
ReportBPMNSupport.postProcessBPMN(Model,boolean,boolean) -> boolean	X			
exception ReportExecutionException			X	
exception ReportObjectException			X	
ReportScheduler.deleteSchedules(ArisObject,String[]) -> boolean	X			
ReportScheduler.getSchedules(ArisObject) -> String[]	X			
ReportScheduler.getSchedulesForDatabaseUser(Database,boolean) -> String[]	X			
ReportScheduler.setScheduleActivation(Database,String[],boolean) -> void	X			
RoundedRectangle.get3DEffect() -> boolean (also available in Publisher)	X			
RoundedRectangle.set3DEffect(boolean) -> boolean				
RunResult.getMessage() -> List	X			
<b>ScriptAdmin report API</b>				
ScriptAdmin.createCategory(int,int,String) -> String	X			
ScriptAdmin.deleteCategory(int,String) -> boolean	X			
ScriptAdmin.deleteScript(int,String) -> boolean	X			
ScriptAdmin.exportFile(int,String,String) -> ZipEntry	X			
ScriptAdmin.exportScript(int,String,String[]) -> byte[]	X			
ScriptAdmin.getCategories(int,int) -> ScriptCategoryRI[]	X			
ScriptAdmin.getCategoryNames(int,String) -> Map	X			
ScriptAdmin.getScriptComponents() -> ScriptComponentInfoRI[]	X			
ScriptAdmin.getScriptInfos(int,String,int) -> ScriptInfoRI[]	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ScriptAdmin.importFile(int,String,String,byte[]) -> String	X			
ScriptAdmin.importScript(int,String,byte[],String[]) -> String	X			
ScriptAdmin.renameCategory(int,String,int,String) -> boolean	X			
ScriptAdmin.unzip(byte[]) -> byte[]	X			
ScriptAdmin.zip(byte[]) -> byte[]	X			
ScriptCategory.getCategoryID() -> String	X			
ScriptCategory.getComponentID() -> int	X			
ScriptCategory.getName() -> String	X			
ScriptComponentInfo.getComponentID() -> int	X			
ScriptComponentInfo.getComponentName() -> String	X			
ScriptInfo.getDescription() -> String	X			
ScriptInfo.getID() -> String	X			
ScriptInfo.getImports() -> String[]	X			
ScriptInfo.getName() -> String	X			
ScriptInfo.isSimpleFile() -> boolean	X			
ServerAdmin.backupDatabase(Database) -> byte[]	X			
ServerAdmin.backupDatabase(Database,File) -> boolean	X			
ServerAdmin.countDbItems(Database,int[]) -> DbInfo	X			
ServerAdmin.createArisDatabase(String,boolean) -> boolean		X		
ServerAdmin.reorganiseArisDatabase(Database,String) -> int	X			
ServerAdmin.reorganiseArisDatabase(Database,String,Collection) -> int	X			
ServerAdmin.restoreDatabase(File,String) -> boolean	X			
ServerAdmin.restoreDatabase(byte[],String) -> boolean	X			
class Symbol			X	
TextDef.getCreator() -> String	X			
TextDef.getLastModifier() -> String	X			
TextDef.getTimeOfCreation() -> ATimeStamp	X			
TextDef.getTimeOfLastModification() -> ATimeStamp	X			
TextDef.OID() -> int[]				X
TextOcc.getIncomingLinks() -> Link[]	X			
TextOcc.getLinks() -> Link[]	X			
TextOcc.getOutgoingLinks() -> Link[]	X			
result type TextOcc.setDisplayAsPostIt(boolean) -> boolean		X		

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
TextOcc.ObjectID(int) -> String (also available in Publisher)			X	
<b>UML2 scripting</b>				
Omf*	X			
OmfScripting*	X			
Uml2Scripting*	X			
<b>UML 1.x scripting</b>				
class UmlEdgePresentation			X	
class UmlNodePresentation			X	
class UmlPresentation			X	
class UmlReport			X	
class UmlScripting			X	
class UmlScriptingException			X	
<b>UMC report component interface</b>				
UMC.getAllLicenses() -> List	X			
UMC.getAllPrivileges(boolean,boolean) -> List	X			
UMC.getAllUsergroups() -> List	X			
UMC.getAllUsers() -> List	X			
UMC.getAssignedUsergroupsForUser(UmcUser) -> List	X			
UMC.getAssignedUsergroupsForUserName(String) -> List	X			
UMC.getAssignedUsersForUsergroup(UmcUsergroup) -> List	X			
UMC.getAssignedUsersForUsergroupName(String) -> List	X			
UMC.getCurrentUser() -> UserWrapper	X			
UMC.getPrivilegesForUser(UmcUser,boolean,boolean,boolean) -> List	X			
UMC.getPrivilegesForUserName(String,boolean,boolean,boolean) -> List	X			
UMC.getPrivilegesForUsergroup(UmcUsergroup,boolean,boolean) -> List	X			
UMC.getPrivilegesForUsergroupName(String,boolean,boolean) -> List	X			
UMC.getSessionsForUser(UmcUser) -> List	X			
UMC.getSessionsForUserName(String) -> List	X			
UMC.getUserById(String) -> UserWrapper	X			
UMC.getUserByName(String) -> UserWrapper	X			
UMC.getUsergroupById(String) -> UsergroupWrapper	X			
UMC.getUsergroupByName(String) -> UsergroupWrapper	X			
UMC.getUsergroupsForPrivilegeQualifier(String) -> List	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UMC.getUsersForPrivilegeQualifier(String) -> List	X			
UmcLicense.compareTo(Object) -> int	X			
UmcLicense.getConsumedSeats() -> long	X			
UmcLicense.getExpirationDate() -> String	X			
UmcLicense.getFreeSeats() -> long	X			
UmcLicense.getName() -> String	X			
UmcLicense.getPrivilege() -> PrivilegeWrapper	X			
UmcLicense.getProduct() -> ProductWrapper	X			
UmcLicense.getQuantity() -> long	X			
UmcLicense.getType() -> String	X			
UmcPrivilege.compareTo(Object) -> int	X			
UmcPrivilege.getDisplayName() -> String	X			
UmcPrivilege.getId() -> String	X			
UmcPrivilege.getName() -> String	X			
UmcPrivilege.isLicensePrivilege() -> boolean	X			
UmcProduct.getCode() -> String	X			
UmcProduct.getName() -> String	X			
UmcProduct.getParent() -> ProductWrapper	X			
UmcSession.getCreated() -> String	X			
UmcUser.compareTo(Object) -> int	X			
UmcUser.getAttributes() -> Map	X			
UmcUser.getCreated() -> String	X			
UmcUser.getDescription() -> String	X			
UmcUser.getEmail() -> String	X			
UmcUser.getFirstName() -> String	X			
UmcUser.getId() -> String	X			
UmcUser.getLDAPDN() -> String	X			
UmcUser.getLastName() -> String	X			
UmcUser.getName() -> String	X			
UmcUser.getPhone() -> String	X			
UmcUser.isLDAP() -> boolean	X			
UmcUsergroup.compareTo(Object) -> int	X			
UmcUsergroup.getAttributes() -> Map	X			
UmcUsergroup.getCreated() -> String	X			



New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UmcUsergroup.getDescription() -> String	X			
UmcUsergroup.getId() -> String	X			
UmcUsergroup.getLDAPDN() -> String	X			
UmcUsergroup.getName() -> String	X			
UmcUsergroup.isLDAP() -> boolean	X			
The standard report "User" object				X
User.IsAssigned() -> boolean	X			
User.getCreator() -> String	X			
User.getCustomAttribute(String) -> String	X			
User.getCustomAttributes() -> Map	X			
User.getLastModifier() -> String	X			
User.getTimeOfCreation() -> ATimeStamp	X			
User.getTimeOfLastModification() -> ATimeStamp	X			
User.setCustomAttribute(String,String) -> boolean	X			
User.OID() -> int[]				X
The standard report "UserGroup" object				X
UserGroup.IsAssigned() -> boolean	X			
UserGroup.getCreator() -> String	X			
UserGroup.getCustomAttribute(String) -> String	X			
UserGroup.getCustomAttributes() -> Map	X			
UserGroup.getLastModifier() -> String	X			
UserGroup.getTimeOfCreation() -> ATimeStamp	X			
UserGroup.getTimeOfLastModification() -> ATimeStamp	X			
UserGroup.setCustomAttribute(String,String) -> boolean	X			
UserGroup.OID() -> int[]				X
<b>Part of visio import API</b>				
VAnnotation.toString() -> String	X			
VConnect.getFromCell() -> String	X			
VConnect.getFromPart() -> String	X			
VConnect.getFromSheet() -> String	X			
VConnect.getToCell() -> String	X			
VConnect.getToPart() -> String	X			
VConnect.getToSheet() -> String	X			
VConnect.toString() -> String	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
VGeometry.getElement() -> Element	X			
VGeometry.getEllipse() -> List	X			
VGeometry.getLineTo() -> List	X			
VGeometry.getMoveTo() -> List	X			
VGeometry.getNamespace() -> Namespace	X			
VGeometry.toString() -> String	X			
VIS_Master.addShapeOfMaster(String,String,String,int) -> void	X			
VIS_Master.addShapesOfMaster(List) -> void	X			
VIS_Master.getAllShapesOfMaster() -> HashMap	X			
VIS_Master.getMasterID() -> String	X			
VIS_Master.getMasterNameU() -> String	X			
VIS_Master.getMasterReadableName() -> String	X			
VIS_Master.getMasterSymbolNum() -> int	X			
VIS_Master.getMasterUniqueID() -> String	X			
VIS_Master.getShapeNameUOfMasterByShapeID(String) -> String	X			
VIS_Master.getShapeSymbolNumOfMasterShapeByShapeID(String) -> int	X			
VIS_Master.isIsHidden() -> boolean	X			
VIS_Master.toString() -> String	X			
VIS_MasterShape.getID() -> String				
VIS_MasterShape.getName() -> String	X			
VIS_MasterShape.getNameU() -> String	X			
VIS_MasterShape.getSymbolNum() -> int	X			
VIS_MasterShape.toString() -> String	X			
VIS_PointOfReference.applyScale(double) -> double	X			
VIS_PointOfReference.applyScale(double,String) -> double	X			
VIS_PointOfReference.copy() -> VIS_PointOfReference	X			
VIS_PointOfReference.getArisPosition(VisioLoader,VShape) -> Point	X			
VIS_PointOfReference.getLinePoint(Point2D\$Double) -> Point	X			
VIS_PointOfReference.initPointRef(VisioLoader,VShape,boolean) -> void	X			
VIS_PointOfReference.toString() -> String	X			
VName.getName() -> String	X			
VName.getNameU() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
VName.toString() -> String	X			
VPage.getName() -> String	X			
VPage.getNameU() -> String	X			
VPage.getPageElement() -> Element	X			
VPage.name() -> String	X			
VPage.toString() -> String	X			
VShape.getID() -> String	X			
VShape.getMaster() -> String	X			
VShape.getNameU() -> String	X			
VShape.getShapeElement() -> Element	X			
VShape.getText() -> String	X			
VShape.getType() -> String	X			
VShape.name() -> String	X			
VShape.toString() -> String	X			
VShapeSize.toString() -> String	X			
VisioLoader.createNewVisPointOfReference(VPage) -> VIS_PointOfReference	x			
VisioLoader.destroy() -> void	X			
VisioLoader.getAlignH(VShape) -> int	X			
VisioLoader.getAlignV(VShape) -> int	X			
VisioLoader.getChildShapes(VPage) -> VShape[]	X			
VisioLoader.getChildShapes(VShape) -> VShape[]	X			
VisioLoader.getChildrenRecursive(VPage,String) -> Map	X			
VisioLoader.getColor(String) -> Integer	X			
VisioLoader.getConnects(VPage) -> VConnect[]	X			
VisioLoader.getFileName() -> String	X			
VisioLoader.getHeight(VShape) -> double	X			
VisioLoader.getHyperlink(VShape) -> String	X			
VisioLoader.getLinePoints(VShape,VIS_PointOfReference) -> Point[]	X			
VisioLoader.getMasterMapping(Mapping) -> Map	X			
VisioLoader.getMasterShapeRootShapes(String) -> VShape[]	X			
VisioLoader.getPageAnnotations(VPage) -> VAnnotation[]	X			
VisioLoader.getPageHeight(VPage) -> String	X			
VisioLoader.getPageNames() -> VName[]	X			
VisioLoader.getPageShapes(VPage) -> VShape[]	X			

REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
VisioLoader.getPages() -> VPage[]	X			
VisioLoader.getPositionLocPin(VShape) -> Point2D\$Double	X			
VisioLoader.getPositionPin(VShape) -> Point2D\$Double	X			
VisioLoader.getReviewers() -> HashMap	X			
VisioLoader.getShapeFillBkgnd(VShape) -> String	X			
VisioLoader.getShapeFillForeground(VShape) -> String	X			
VisioLoader.getShapeFillPattern(VShape) -> String	X			
VisioLoader.getShapeGeometry(VShape) -> VGeometry	X			
VisioLoader.getShapeLineColor(VShape) -> String	X			
VisioLoader.getShapeLinePattern(VShape) -> String	X			
VisioLoader.getShapeLineRounding(VShape) -> String	X			
VisioLoader.getShapeProperties(VShape) -> HashMap	X			
VisioLoader.getShapeProperty(VShape,String) -> String	X			
VisioLoader.getShapeSize(VShape) -> VShapeSize	X			
VisioLoader.getUsedTemplate() -> String	X			
VisioLoader.isShapeFreeFormText(VShape) -> boolean	X			
VisioLoader.setUsedTemplate(String) -> void			X	
Versioning.archiveItems(ArisObject[],String,VersioningOptions,boolean ) -> int			X	
XMLExport.createDefaultXMLExportRootOptions(Group,int[]) -> XMLExportOptionsWrapper			X	
XlsSheet.setPageSize(MediaSizeFormat) -> void	X			
ZipEntry.getData() -> byte[]	X			
ZipEntry.getName() -> String				
ArisData.GetDatabaseNames(String) -> String[]	X			
ArisData.getTenantName() -> String	X			
ArisData.openDatabase(String,String,int) -> Database	X			
ArisData.openDatabase(String,String,int,boolean) -> Database	X			
ArisData.openDatabaseVersion(String,String,int,int) -> Database	X			

## REPORT SCRIPT CHANGES

ArisData.openDatabaseVersion(String,String,int,int,boolean) -> Database	X			
ArisData.createConfigurationFilter(String,int,String,String,boolean) -> ConfigurationFilterAccess				X
Context.deleteFile(String,int) -> boolean. Deletes a "file" controlled by the report environment	X			
Context.getTempPath() -> String (also available in Publisher)			X	

## 15 Useful report hints

### USE CONTEXT.SETPROPERTY("MODEL-AS-EMF", TRUE) ONCE (BEFORE WRITING MODEL GRAPHICS TO THE REPORT)

- Makes PDF model graphics more brilliant
- Maximum scalability
- Smaller PDF files
- Drawback: Takes up to 10 times as long to create the image (due to a bug in an external library that will hopefully be fixed soon)

### OPEN OTHER DATABASES USING ARISDATA.OPENDATABASE()

- You can log in to the same database as another user or with another filter
- Do not forget to close them afterwards!

### SAVE MEMORY BY USING DATABASE.CLEARCACHES()

Use it where it makes sense (after using many objects that are not needed any more afterwards).

### CLEAN UP AFTER AN ERROR! ESPECIALLY

- After openDatabase commands
- Handle output file content in case of an error

### ALWAYS USE TRY/CATCH FOR ERROR HANDLING. YOU CAN REPORT DETAILED ERROR LOGS TO THE USER USING THE FOLLOWING CODE

```
try {
    your code which might throw exceptions
}
catch(ex) {
    var line = ex.lineNumber
    var message = ex.message
    var filename = ex.fileName
    var exJava = ex.javaException
    if(exJava!=null) {
        var aStackTrace = exJava.getStackTrace()
        for(var iST=0; iST<aStackTrace.length; iST++) {
            message = message + "\n" + aStackTrace[iST].toString()
        }
    }
    Dialogs.MsgBox("Exception in file "+filename+", line "+line+":\n"+message
)
}
```

## 16 Legal information

### 16.1 Documentation scope

The information provided describes the settings and features as they were at the time of publishing. Since documentation and software are subject to different production cycles, the description of settings and features may differ from actual settings and features. Information about discrepancies is provided in the Release Notes that accompany the product. Please read the Release Notes and take the information into account when installing, setting up, and using the product.

If you want to install technical and/or business system functions without using the consulting services provided by Software AG, you require extensive knowledge of the system to be installed, its intended purpose, the target systems, and their various dependencies. Due to the number of platforms and interdependent hardware and software configurations, we can describe only specific installations. It is not possible to document all settings and dependencies.

When you combine various technologies, please observe the manufacturers' instructions, particularly announcements concerning releases on their Internet pages. We cannot guarantee proper functioning and installation of approved third-party systems and do not support them. Always follow the instructions provided in the installation manuals of the relevant manufacturers. If you experience difficulties, please contact the relevant manufacturer.

If you need help installing third-party systems, contact your local Software AG sales organization. Please note that this type of manufacturer-specific or customer-specific customization is not covered by the standard Software AG software maintenance agreement and can be performed only on special request and agreement.

### 16.2 Support

If you have any questions on specific installations that you cannot perform yourself, contact your local Software AG sales organization (<https://www.softwareag.com/corporate/company/global/offices/default.html>). To get detailed information and support, use our websites.

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## ARIS COMMUNITY

Find information, expert articles, issue resolution, videos, and communication with other ARIS users. If you do not yet have an account, register at ARIS Community.

## PRODUCT DOCUMENTATION

You can find the product documentation on our documentation website.

In addition, you can also access the cloud product documentation. Navigate to the desired product and then, depending on your solution, go to **Developer Center**, **User Center** or **Documentation**.

## PRODUCT TRAINING

You can find helpful product training material on our Learning Portal.

## TECH COMMUNITY

You can collaborate with Software AG experts on our Tech Community website. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software AG news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories and discover additional Software AG resources.

## PRODUCT SUPPORT

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- Download products, updates and fixes.
- Add product feature requests.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.