



# **ARIS** REPORT SCRIPT CHANGES

VERSION 10.0 - SERVICE RELEASE 9

July 2019

Document content not changed since release 10.0.8. It applies to the current version without changes.

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 SR6 to 10.0 SR8

This document describes the report script language differences between 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.

## 1.1 Constants

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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_CRTL_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			
AT_MEMBERS	X			
AT_PROVIDER_REF	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
CREATE_SUBGROUPS	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			
AVT_SM72_REMOTE_DB_ACCESS	X			
AVT_SM72_RFC	X			
AVT_SM72_SAP_WORKFLOW	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
CREATE_SUBGROUPS	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	

## 1.2 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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ExtendedOutputObject.InsertEmbeddedDocument(String,byte[]) -> boolean	X			
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.getLocalizedString(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.getLocalizedString(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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnDecisionTableOrientation.valueOf(String) -> DmnDecisionTableOrientation	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnHitPolicy.valueOf(Class,String) -> Enum	X			
DmnHitPolicy.valueOf(String) -> DmnHitPolicy	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ArchivedInstanceFilter.setProcessId(String) -> void	X			
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			

## 2 Changes from 10.0 SR4 to 10.0 SR6

This document describes the report script language differences between 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.

### 2.1 Constants

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DMN_BUILTIN_AGGRAGATOR_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_MONTS_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			
INSTANCE_STATUS_FAILED	X			
INSTANCE_STATUS_IDLE	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
AT_OPERATION_REF	X			
AT_OPERATION_TYPE	X			
AT_PRECISION	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
CT_REFERENCES_EDM_STRUCTURE	X			
CT_USES_METHOD	X			
<b>ARIS model types</b>				
MT_BUSINESS_ECOSYSTEM	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
<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			

## 2.2 Methods

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ResultProperty.getDuration() -> Duration	X			
ResultProperty.getTime() -> Instant	X			
<b>ADS</b>				
ADSDocumentMetaInfo.getOwner() -> UmcUser	X			
ADSDocumentMetaInfo.setOwner(UmcUser) -> void				
ADSRepository.createDocumentMetaInfo(String,String,String,ADS DocumentAttribute[],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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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 (relaced 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			
DmnArisId.equals(Object) -> boolean	X			
DmnArisId.getOid() -> OID	X			
DmnArisId.getTempId() -> Integer	X			
DmnArisId.hashCode() -> int	X			
DmnArisId.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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnDecisionTable.getAllLabels() -> Map	X			
DmnDecisionTable.getAllNames() -> Map	X			
DmnDecisionTable.getAllOutputLabels() -> Map	X			
DmnDecisionTable.getAnnotations() -> DmnCompositeList	X			
DmnDecisionTable.getArisGroupId() -> OID	X			
DmnDecisionTable.getArisId() -> DmnArisId	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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnDecisionTable.getTypeRef() -> String	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnElement.isReadOnly() -> boolean	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
DmnImport.setLabel(String,int) -> void	X			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnItemDefinition.getAllExternallyReferencedElements(Class) -> Set	X			
DmnItemDefinition.getAllLabels() -> Map	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnItemDefinition.setDescription(String,int) -> void	X			
DmnItemDefinition.setId(String) -> void	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnLiteralExpression.isReadOnly() -> boolean	X			
DmnLiteralExpression.setDatatype(DmnFeelDatatype) -> void	X			
DmnLiteralExpression.setDescription(String) -> void	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DmnNamedElement.setLabel(String) -> void	X			
DmnNamedElement.setLabel(String,int) -> void	X			
DmnNamedElement.setName(String) -> void	X			
DmnNamedElement.setName(String,int) -> void	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			



## 3 Changes from 10.0 SR2 to 10.0 SR4

This document describes the report script language differences between 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.

### 3.1 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_SENSITIVEPERSONAL DATA	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			
ARCM_ENUM_LICENSEDCOMPONENT_DATA_PROTECTION_ MANAGEMENT	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
AVT_DAILY_1	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
ST_BPMN_TRANSACTION_COLLAPSED_OCC	X			
ST_BPMN_TRANSACTION_OCC	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
INITIATORS_QUESTIONNAIRE_CREATED	X			
JOBS_ARISTRANSFERJOB	X			
JOBS_BACKUPRUNNABLEJOB	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

## 3.2 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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ArisXYChart.setShaded(int,int) -> void	X			
StyledValue.getMergedFormatting(String,int,int,int,boolean) -> StyledValue	X			
XlsCellStyle.getQuoteFormulas() -> boolean	X			
XlsCellStyle.setQuoteFormulas(boolean) -> void	X			
<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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

## 4 Changes from 10.0 to 10.0 SR2

This document describes the report script language differences between 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.

### 4.1 Constants

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

## 4.2 Methods

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMEditorAttribute.isEmpty() -> boolean	X			
ARCMEditorAttribute.isVisible() -> boolean	X			
ARCMEEnumAttribute.isEmpty() -> boolean	X			
ARCMGroup.getId() -> String	X			
ARCMGroup.getGroupLevel() -> int	X			
ARCMGroup.getGroups() -> List	X			
ARCMGroup.isTopLevelGroup() -> boolean	X			
ARCMListAttribute.isEmpty() -> boolean	X			
ARCMProgressAttribute.getActualRawValue() -> long	X			
ARCMProgressAttribute.getActualUiValue() -> String	X			
ARCMProgressAttribute.getAllAttributeTypes() -> List	X			
ARCMProgressAttribute.getAttributeType() -> String	X			
ARCMProgressAttribute.getName() -> String	X			
ARCMProgressAttribute.getNumberOfChildren() -> int	X			
ARCMProgressAttribute.getTotalRawValue() -> long	X			
ARCMProgressAttribute.getTotalUiValue() -> String	X			
ARCMProgressAttribute.getUiValue() -> String	X			
ARCMProgressAttribute.isEmpty() -> boolean	X			
ARCMProgressAttribute.isVisible() -> boolean	X			
ARCMListAttribute.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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			



## 5 Changes from 9.8 SR6 to 10.0

This document describes the report script language differences between 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.

### 5.1 Constants

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
AT_BPEL_QUERY_LANGUAGE			X	
AT_BPEL_ROLE_TYPE			X	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
AT_EXT_PAGE_LINK_1	X			
AT_EXT_PAGE_LINK_2	X			
AT_EXT_PAGE_LINK_3	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
AT_TEXT_ANNOTATIONS	X			
AT_VERSION_FAMILY_REF	X			
AT_VIDEO_DESC_1	X			
AT_VIDEO_DESC_2	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
AUDIT_STEP_TEMPLATE			X	
AUDIT_TEMPLATE			X	
AVT_ALMOST_IRRELEVANT	X			
AVT_ANALOG	X			
AVT_DIGITAL	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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_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	
CHARTRISKTRENDAMAGEQUANTITATIVE			X	
CHARTRISKTRENDEXPECTEDLOSS			X	
CHARTRISKTRENDFREQUENCYQUALITATIVE			X	
CHARTRISKTRENDFREQUENCYQUANTITATIV			X	
CLIENT2LINKTYPE_SEL			X	
CLIENT2SUBSCRIPTIONS			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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	



<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
INCIDENTS			X	
INCIDENTSPERAUDIT			X	
INCIDENTSPERCONTROL			X	
INCIDENTSPERPOLICY			X	
INCIDENTSPERRISK			X	
INCIDENTSTATISTIC			X	
INCIDENTS_EVALUATION			X	
INTERNALMESSAGES			X	
ISSUEOWNER			X	
ISSUEOWNERSELECTION			X	
ISSUERELEVANTOBJECTSELECTION			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ISSUEREVIEWER			X	
ISSUEREVIEWERSELECTION			X	
ISSUES			X	
ISSUERELEVANTOBJECT	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			
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
RISKASSESSMENT2LOSSESPOPUP			X	
RISKASSESSMENT2POLICIES			X	
RISKASSESSMENT2QUESTIONNAIRES			X	
RISKASSESSMENT2SURVEYS			X	
RISKASSESSMENT2TESTCASE			X	
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	



<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	
STATISTICRISKASSESSMENTSRIKES			X	
STATISTICRISKASSESSMENTSRIKESBYIMPACTTYPE			X	
STATISTICTESTCASEPERPOLICY			X	
STATISTICTESTCASES			X	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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_PRC			X	
ST_CUSTOMER_SEGMENT_1	X			
ST_DISKETTE			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_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	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
TASKITEM	X			
TESTACTION2DEFICIENCY_REFS			X	
TESTACTION2RECOMMENDATIONS_SEL			X	
TESTACTIONEXTERNALAUDITOR			X	
TESTACTIONREVIEWER			X	
TESTACTIONTESTER			X	
TESTCASE2CONTROLEXECUTIONS			X	
TESTCASE2QUESTIONNAIRES			X	
TESTCASE2SURVEYS			X	
TESTDEFINITION2CONTROL			X	
TESTDEFINITION2QUESTIONNAIRESTATISTICLIST			X	
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			

## 5.2 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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ARCMUser	X			
ARCValueAttribute	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) -> 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			

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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ResultProperty	X			
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.getUsedRuleTypeModelSelectionOption Title(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeName(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeObjectSelectionOption Title(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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
Tree.getItem(int) -> TreeItem	X			
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			

## 6 Changes from 9.8 SR7 to 9.8 SR8

This document describes the report script language differences between 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			

## 7 Changes from 9.8 SR6 to 9.8 SR7

This document describes the report script language differences between 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.

### 7.1 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_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_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			
CT_DMN_HAS_PARAMETER	X			
CT_DMN_INFO_REQ	X			

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
CT_RESPONSIBILITY_SYSTEM_INTEGRATION	X			
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING	X			
CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM	X			

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



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

## 7.2 Methods

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
AppObjectDataSource.getIcon(String) -> ReportIcon	X			
AppObjectDataSource.getIcons() -> Map	X			
AppObjectDataSource.getReportTitle() -> String	X			
AppObjectDataSource.getUserInfo() -> UserInfo	X			
ChartDataDataSource.getFilterTitles() -> List	X			
ChartDataDataSource.getFilterValues() -> List	X			
ChartDataDataSource.getFilters() -> Map	X			
ChartDataDataSource.getIcon(String) -> ReportIcon	X			
ChartDataDataSource.getIcons() -> Map	X			
ChartDataDataSource.getReportTitle() -> String	X			
ChartDataDataSource.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) -> ContextResponse	X			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

## 8 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)

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
<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			
ARCMJobId	X			
ARCMJobResponse	X			
AppObject	X			
AppObjectAttribute	X			
AppObjectDataSource	X			
ChartDataSource	X			
EvaluationDataSource	X			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			

## 9 Changes from 7.2.4 to 9.8 SR4

This document describes the report script language differences between 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.

### 9.1 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			

## 9.2 Methods

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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
ConnectableOcc.fromExtCxnOccs() -> ExtCxnOcc[]			X	
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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	
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	

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
CxnOcc.fromExtCxnOccs() -> ExtCxnOcc[]			X	
CxnOcc.toExtCxnOccs() -> ExtCxnOcc[]			X	
class DMSCredentials			X	
class DMSFormItem			X	
class DMSIntegration			X	
class DMSLock			X	
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

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
DbInfo.getCount(int) -> long	X			
DeployResult.getMessages() -> List	X			
DeployResult.getState() -> boolean				
class DiagramType			X	
DialogTemplate.SetProperties(String[]) -> void	X			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
Matrix.getTimeOfLastModification() -> ATimeStamp	X			
Matrix.OID() -> int[]	X			
Matrix.AddBusinessCase(Model) -> boolean			X	
Matrix. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Po int[]) -> ExtCxnOcc			X	
Matrix. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Po int[],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	

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
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	

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
Model.OriginalModel() -> Model			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Po int[]) -> ExtCxnOcc			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Po int[],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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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		
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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		
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			



<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
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			

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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	

<b>New/changed/removed/deprecated methods</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
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			
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	

## 10 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 )
}
```

## 11 Legal information

### 11.1 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 Software AG's consulting services, 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 only describe 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.

If a description refers to a specific ARIS product, the product is named. If this is not the case, names for ARIS products are used as follows:

<b>Name</b>	<b>Includes</b>
ARIS products	Refers to all products to which the license regulations of Software AG standard software apply.
ARIS Clients	Refers to all programs that access shared databases via ARIS Server.
ARIS Download clients	Refers to ARIS clients that can be accessed using a browser.



## 11.2 Data protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR).

Where applicable, appropriate steps are documented in the respective administration documentation.

## 11.3 Disclaimer

ARIS products are intended and developed for use by persons. Automated processes, such as the generation of content and the import of objects/artifacts via interfaces, can lead to an outsized amount of data, and their execution may exceed processing capacities and physical limits. For example, processing capacities are exceeded if models and diagrams transcend the size of the modeling area or an extremely high number of processing operations is started simultaneously. Physical limits may be exceeded if the memory available is not sufficient for the execution of operations or the storage of data.

Proper operation of ARIS products requires the availability of a reliable and fast network connection. Networks with insufficient response time will reduce system performance and may cause timeouts.

ARIS document storage was tested with 40.000 document items. This includes documents, document versions or folders. We recommend monitoring the number and overall size of stored document items and archiving some document items if needed.

If ARIS products are used in a virtual environment, sufficient resources must be available there in order to avoid the risk of overbooking.

The system was tested using scenarios that included 100,000 groups (folders), 100,000 users, and 1,000,000 modeling artifacts. It supports a modeling area of 25 square meters.

If projects or repositories are larger than the maximum size allowed, a powerful functionality is available to break them down into smaller, more manageable parts.

Some restrictions may apply when working with process administration, ARIS Administration, ARIS document storage, and ARIS Process Board, and when generating executable processes. Process Governance has been tested and approved for 1000 parallel process instances. However, the number may vary depending on process complexity, for example, if custom reports are integrated.

ARIS document storage was tested with 40.000 document items. This includes documents, document versions or folders. We recommend monitoring the number and overall size of stored document items and archiving some document items if needed.