



ARIS REPORT SCRIPT CHANGES

VERSION 10.0 - SERVICE RELEASE 10

October 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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE_SUBGROUPS	X			
DMN_BUILTIN_AGGREGATOR_SUM	X			
DMN_FEEL_DATATYPE_YEARS_AND_MONTHS_DURATION	X			
FORMAT_DMN_11	X			
FORMAT_DMN_12	X			
GROUP_GUID	X			
INCLUDE_SUBGROUPS	X			
CREATED_MODEL_OID_PROPERTY			X	
DMN_BUILTIN_AGGRAGATOR_SUM			X	
DMN_FEEL_DATATYPE_YEARS_AND_MONTS_DURATION			X	
LOG_PROPERTY			X	
ARIS attribute types				
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			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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	
ARIS attribute value types				
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			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE_SUBGROUPS	X			
AVT_SM72_TESTCASE_ADDITIVE	X			
AVT_SM72_TESTCASE_EXCLUSIVE	X			
AVT_SM72_UNSPECIFIED	X			
ARIS connection types				
CT_CMMN_HAS_ITEM_CONTROL	X			
CT_ASSIGNS_TO			X	
CT_QUEUES			X	
ARIS model types				
MT_TASK_DEFINITION			x	
ARIS object types				
OT_CMMN_PLAN_ITEM_CONTROL	X			
OT_FLOW	X			
OT_TEAM	X			
OT_ENERGY			X	
ARIS symbol types				
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
ADS				
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	
ARIS standard Report API				
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			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ExtendedOutputObject.InsertEmbeddedDocument(String,byte[]) -> boolean	X			
ExtendedOutputObject.getFormatDetails(String) -> FormatTemplate	X			
ExtendedOutputObject.getFormatDetails(int) -> FormatTemplate	X			
Report runtime property "excel-formulas-allowed" (default=true/default in public cloud: false)				
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			
Decision Model and Notation (DMN)				
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			

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
Semantic check				
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			
Process				
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			

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

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
INSTANCE_STATUS_RUNNING	X			
INSTANCE_STATUS_SUSPENDED	X			
INSTANCE_STATUS_TERMINATED	X			
LANGUAGE_ARABIC	X			
SEARCH_RESULT_TABLE	X			
USERROLE_TYPE_CONTROLAUDITOR	X			
ARCM				
ARCM_ENUM_CONTROLPERIOD_TWOYEARS	X			
ARCM_ENUM_INITIATORS_HANDBOVER	X			
ARCM_ENUM_LANGUAGE_ARABIC	X			
ARCM_ENUM_USERROLE_TYPE_CONTROLAUDITOR	X			
CONTROLPERIOD_TWOYEARS	X			
ARIS attribute types				
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			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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			
ARIS attribute value types				
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			
ARIS connection types				
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			
ARIS model types				
MT_BUSINESS_ECOSYSTEM	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ARIS object types				
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			
ARIS lane types				
LT_REQUIREMENT	X			
ARIS symbol types				
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			
Script constants: now also available in report scripts				
EVENT_...	X			
EVENTID_...	X			
EVENT_ARGUMENTS_...	X			

2.2 Methods

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ModelInterchange.startBpmnImport(ModelImportOptions) -> ModelImportResult	X			
ModelInterchange.validateBpmnDiagramForExport(Model) -> ModelValidationResult[]	X			
ModelValidationResult.getMessageLevel() -> int	X			
ModelValidationResult.getMessages() -> String[]	X			
ModelValidationResult.getOID() -> String	X			
ARIS standard Report API				
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			
Decision Model and Notation (DMN)				
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			

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

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

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

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

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

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

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

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

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

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

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

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

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
Process				
Process.archiveInstances(List) -> ArchivingResult	X			
User Management				
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
Versioning				
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			
ARCM				
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			

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
LICENSEDCOMPONENT_DATA_PROTECTION_MANAGEMENT	X			
OBJ_ORIGIN_ARCHITECT	X			
OBJ_ORIGIN_ARCM	X			
ARCM_ENUM_SURVEY_CONTROL_PERIOD_DAY		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_MONTH		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_QUARTER		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_SEMIANNUAL		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_UNSPECIFIED		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_WEEK		X		
ARCM_ENUM_SURVEY_CONTROL_PERIOD_YEAR		X		
SURVEY_DEPENDENCY_VISUALIZATION_ACTIVATED	X			
SURVEY_DEPENDENCY_VISUALIZATION_TRIGGERS	X			
SURVEY_DEPENDENT_VISIBLE_DEPENDENT_INVISIBLE	X			
SURVEY_DEPENDENT_VISIBLE_DEPENDENT_VISIBLE	X			
SURVEY_DEPENDENT_VISIBLE_NOT_DEPENDENT_INVISIBLE	X			
SURVEY_DEPENDENT_VISIBLE_NOT_DEPENDENT_VISIBLE	X			
SURVEY_CONTROL_PERIOD_DAY		X		
SURVEY_CONTROL_PERIOD_MONTH		X		
SURVEY_CONTROL_PERIOD_QUARTER		X		
SURVEY_CONTROL_PERIOD_SEMIANNUAL		X		
SURVEY_CONTROL_PERIOD_UNSPECIFIED		X		
SURVEY_CONTROL_PERIOD_WEEK		X		
SURVEY_CONTROL_PERIOD_YEAR		X		
ARIS attribute types				
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			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_ARCHIMATE_INFORMING	X			
AVT_ARCHIMATE_MOTIVATION	X			
AVT_ARCHIMATE_OTHER	X			
AVT_ARCHIMATE_OVERVIEW	X			
AVT_ARCHIMATE_PASSIVE	X			
AVT_ARCHIMATE_PHYSICAL	X			
AVT_ARCHIMATE_STRATEGY	X			
AVT_ARCHIMATE_STRUCTURE	X			
AVT_ARCHIMATE_TECHNOLOGY	X			
AVT_CMMN_ADD_CHILD	X			
AVT_CMMN_ADD_REFERENCE	X			
AVT_CMMN_CLOSE	X			
AVT_CMMN_COMPLETE	X			
AVT_CMMN_CREATE	X			
AVT_CMMN_DELETE	X			
AVT_CMMN_DISABLE	X			
AVT_CMMN_ENABLE	X			
AVT_CMMN_EXIT	X			
AVT_CMMN_FAULT	X			
AVT_CMMN_MANUAL_START	X			
AVT_CMMN_OCCUR	X			
AVT_CMMN_PARENT_RESUME	X			
AVT_CMMN_PARENT_SUSPRND	X			
AVT_CMMN_PARENT_TERMINATE	X			
AVT_CMMN_REACTIVATE	X			
AVT_CMMN_REENABLE	X			
AVT_CMMN_REMOVE_CHILD	X			
AVT_CMMN_REMOVE_REFERENCE	X			
AVT_CMMN_REPLACE	X			
AVT_CMMN_RESUME	X			
AVT_CMMN_START	X			
AVT_CMMN_SUSPEND	X			
AVT_CMMN_TERMINATE	X			
AVT_CMMN_UPDATE	X			
AVT_DAILY_1	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_MONTHLY_1	X			
AVT_WEEKLY_1	X			
ARIS model types				
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			
ARIS object types				
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			
ARIS symbol types				
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			

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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			
ADS				
ADSDocument.getDocumentContent() -> InputStream	X			
ADSReportComponent.getDocumentByHyperlink(String) -> ADSDocument	X			
ARCM				
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			
Data Query				
QueryComponent.getConfig(String) -> QueryConfig	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
ARIS standard Report API				
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			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ArisXYChart.setShaded(int,int) -> void	X			
StyledValue.getMergedFormatting(String,int,int,int,boolean) -> StyledValue	X			
XlsCellStyle.getQuoteFormulas() -> boolean	X			
XlsCellStyle.setQuoteFormulas(boolean) -> void	X			
Semantic check				
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			
ARIS Merge				
ADSDocument.getDocumentContent() -> InputStream	X			
MergeBaseOptions.getAssignmentDepth() -> short	X			
MergeBaseOptions.isFontSourceWins() -> boolean	X			
MergeBaseOptions.isMixAttributes() -> boolean	X			
MergeBaseOptions.isMixUserRelations() -> boolean	X			
MergeBaseOptions.isModelSourceWins() -> boolean	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
ModelGeneration				
ModelGenerationOptions.setUseOfModelDepthForProcessInterface- AndStartEndEvent(short) -> void	X			
User Management				
UMC.getAssignedUsergroupNamesForUser(UmcUser) -> List	X			
UMC.getAssignedUsergroupNamesForUserName(String) -> List	X			
Versioning				
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

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

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

4.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCM				
ARCMAAppObject.getCompositeAttribute(String) -> ARCMCompositeAttribute	X			
ARCMAAppObject.isCompositeAttributeType(String) -> boolean	X			
ARCMAAppObjectMetadata.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			
BPMN 2 report support				
Designer.getBPMNSupport(Model) -> Bpmn2ReportServices	X			
Bpmn2ReportServices.createBpmnObject(ObjDef,ObjOcc,int) -> ObjOcc	X			
Bpmn2ReportServices.getBpmnParent(ObjOcc) -> ObjOcc	X			
Bpmn2ReportServices.getBpmnPredecessors(ObjOcc) -> ObjOcc[]	X			
Bpmn2ReportServices.getBpmnSuccessors(ObjOcc) -> ObjOcc[]	X			
Bpmn2ReportServices.isHorizontal(ObjOcc) -> boolean	X			
Bpmn2ReportServices.setBpmnParent(ObjOcc,ObjOcc) -> void	X			
Bpmn2ReportServices.setBpmnSuccessor(ObjOcc,ObjOcc) -> CxnOcc	X			
ContextItemWrapper.getId() -> String	X			
ContextItemWrapper.getType() -> String	X			
DocumentContextItemWrapper.getId() -> String	X			
DocumentContextItemWrapper.getType() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ModellingContextItemWrapper.getDatabase() -> String	X			
ModellingContextItemWrapper.getId() -> String	X			
ModellingContextItemWrapper.getName() -> String	X			
ModellingContextItemWrapper.getServer() -> String	X			
ModellingContextItemWrapper.getType() -> String	X			
Locking.unlock(Group[],boolean,int,boolean) -> LockResult	X			
UMC (former result was displayed as User/Usergroup/Privilege/-Wrapper)				
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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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
ADS repository				
.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			
ARCM				
.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			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMUser	X			
ARCMAValueAttribute	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			

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Now the methods globally available in report and macro scripts are documented				
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			
Other new method				
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
Missing access right				
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			
Connection type				
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			

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
Lane type				
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			
Model type				
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			
Symbol type				
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			

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

7.2 Methods

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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_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_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_ARCMObjectTypes.htm

The output object now supports odd/even section definitions:

SECTION_EVEN (ArisSectionConstants)

SECTION_ODD (ArisSectionConstants)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
New report component DocumentStorage ("ADS")				
ADSDocument	X			
ADSDocumentAttribute	X			
ADSDocumentMetaInfo	X			
ADSFolder	X			
ADSRepository	X			
New report component ARCM and its additional classes to communicate with the ARCM server				
ARCM	X			
ARCMClientRepresentation	X			
ARCMJobId	X			
ARCMJobResponse	X			
AppObject	X			
AppObjectAttribute	X			
AppObjectDataSource	X			
ChartDataSource	X			
EvaluationDataSource	X			

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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
Now the methods globally available in report and macro scripts are documented				
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			

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

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

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
DbInfo.getCount(int) -> long	X			
DeployResult.getMessages() -> List	X			
DeployResult.getState() -> boolean				
class DiagramType			X	
DialogTemplate.SetProperties(String[]) -> void	X			
class DisplayOption			X	
Visio import component API: var vImport = Context.getComponent ("VisioImport")				
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			

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
Used by Visio import component				
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			

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

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
Used of Visio import API				
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			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
ScriptAdmin report API				
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			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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	
UML2 scripting				
Omf*	X			
OmfScripting*	X			
Uml2Scripting*	X			
UML 1.x scripting				
class UmlEdgePresentation			X	
class UmlNodePresentation			X	
class UmlPresentation			X	
class UmlReport			X	
class UmlScripting			X	
class UmlScriptingException			X	
UMC report component interface				
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			

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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
Part of visio import API				
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			

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

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

Name	Includes
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.