

# ARIS REPORT SCRIPT CHANGES

VERSION 10.0 - SERVICE RELEASE 16  
OCTOBER 2021

Document content not changed since release 10.0.14. 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 SR12 to 10.0 SR14

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

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

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

## 1.1 Constants (10.0 SR12 to 10.0 SR14)

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

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

## 1.2 Methods (10.0 SR12 to 10.0 SR14)

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

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

## 2 Changes from 10.0 SR10 to 10.0 SR12

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

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

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

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

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



## REPORT SCRIPT CHANGES

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

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

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

## 2.2 Methods (10.0 SR10 to 10.0 SR12)

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

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

### 3 Changes from 10.0 SR8 to 10.0 SR10

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

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

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

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

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

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

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



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

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

## 3.2 Methods (10.0 SR8 to 10.0 SR10)

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

## REPORT SCRIPT CHANGES

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

## 4 Changes from 10.0 SR6 to 10.0 SR8

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

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

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

### 4.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE__SUBGROUPS	X			
DMN__BUILTIN__AGGREGATOR__SUM	X			
DMN__FEEL__DATATYPE__YEARS__AND__MONTHS__DURATION	X			
FORMAT__DMN__11	X			
FORMAT__DMN__12	X			
GROUP__GUID	X			
INCLUDE__SUBGROUPS	X			
CREATED__MODEL__OID__PROPERTY			X	
DMN__BUILTIN__AGGRAGATOR__SUM			X	
DMN__FEEL__DATATYPE__YEARS__AND__MONTS__DURATION			X	
LOG__PROPERTY			X	
<b>ARIS attribute types</b>				
AT__ACTUAL__USERS	X			
AT__AUTO__COMPLETE	X			
AT__CMMN__ATG	X			
AT__CMMN__DEFAULT__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			

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## 4.2 Methods

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



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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## 5 Changes from 10.0 SR4 to 10.0 SR6

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

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

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

### 5.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
DMN_BUILTIN_AGGREGATOR_SUM	X			
DMN_BUILTIN_AGGREGATOR_COUNT	X			
DMN_BUILTIN_AGGREGATOR_MAX	X			
DMN_BUILTIN_AGGREGATOR_MIN	X			
DMN_DECISION_TABLE_ORIENTATION_CROSS_TABLE	X			
DMN_DECISION_TABLE_ORIENTATION_RULE_AS_COLUMN	X			
DMN_DECISION_TABLE_ORIENTATION_RULE_AS_ROW	X			
DMN_FEEL_DATATYPE_BOOLEAN	X			
DMN_FEEL_DATATYPE_DATE_AND_TIME	X			
DMN_FEEL_DATATYPE_DAYS_AND_TIME_DURATION	X			
DMN_FEEL_DATATYPE_NUMBER	X			
DMN_FEEL_DATATYPE_STRING	X			
DMN_FEEL_DATATYPE_TIME	X			
DMN_FEEL_DATATYPE_YEARS_AND_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			

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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



## 5.2 Methods

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

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

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

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

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



## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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



## REPORT SCRIPT CHANGES

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

## 6 Changes from 10.0 SR2 to 10.0 SR4

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

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

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

### 6.1 Constants

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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



## 6.2 Methods

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

## REPORT SCRIPT CHANGES

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

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

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

## 7 Changes from 10.0 to 10.0 SR2

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

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

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

### 7.1 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			

**REPORT SCRIPT CHANGES**

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

## 7.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>ARCM</b>				
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			
ARCMEditorAttribute.getAllAttributeTypes() -> List	X			
ARCMEditorAttribute.getAttributeType() -> String	X			
ARCMEditorAttribute.getName() -> String	X			
ARCMEditorAttribute.getNumberOfChildren() -> int	X			
ARCMEditorAttribute.getSubstituteRawValue() -> ARCMAppObject	X			
ARCMEditorAttribute.getSubstituteUiValue() -> String	X			
ARCMEditorAttribute.getUiValue() -> String	X			
ARCMEditorAttribute.getUserRawValue() -> ARCMAppObject	X			
ARCMEditorAttribute.getUserUiValue() -> String	X			

## REPORT SCRIPT CHANGES

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



## REPORT SCRIPT CHANGES

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

## 8 Changes from 9.8 SR6 to 10.0

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

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

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

### 8.1 Constants

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

**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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

**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AUDIT_STEP_TEMPLATE			X	
AUDIT_TEMPLATE			X	
AVT_ALMOST_IRRELEVANT	X			
AVT_ANALOG	X			
AVT_DIGITAL	X			
AVT_DMN_HIT_POLICY_ANY	X			
AVT_DMN_HIT_POLICY_COLLECT	X			
AVT_DMN_HIT_POLICY_FIRST	X			
AVT_DMN_HIT_POLICY_OUTPUT_ORDER	X			
AVT_DMN_HIT_POLICY_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	

**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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



**REPORT SCRIPT CHANGES**

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

**REPORT SCRIPT CHANGES**

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

**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

**REPORT SCRIPT CHANGES**

<b>New/changed/removed/deprecated constants</b>	<b>New</b>	<b>Changed</b>	<b>Removed</b>	<b>Deprecated</b>
LT_OWNER			X	
LT_PRODUCTS_SERVICES	X			
LT_REVENUE	X			
LT_TIME_LINE			X	
LT_VARIABLES	X			
MEASURE_AUDITSTEP_ISSUE	X			
MEASURE_AUDITSTEP_NOISSUE	X			
MEASURE_AUDITSTEP_UNSPECIFIED	X			
MESSAGETEMPLATE			X	
MESSAGETEMPLATES	X			
MT_ARCHIMATE_3	X			
MT_BPEL_ALLOCATION_DIAGRAM			X	
MT_BPEL_PROCESS			X	
MT_CUSTOMER_SEGMENTATION_MAP	X			
MT_DMN_BOXED_FUNCTION	X			
MT_DMN_CONTEXT_DIAGRAM	X			
MT_DMN_DECISION_REQUIREMENTS_DIAGRAM	X			
MT_DMN_DECISION_TABLE_MODEL	X			
MT_DMN_INVOCATION_MODEL	X			
MT_IOT_OBJECT_CONTEXT	X			
MT_IOT_OBJECT_DEFINITION	X			
MT_LLOVC			X	
MT_PLOVC			X	
MYCREATEDISSUES			X	
MYCREATEDOPENISSUES			X	
MYDASHBOARDS			X	
MYISSUERELEVANTOBJECTS			X	
MYOPE			X	
MYTASKS			X	
NEWMESSAGES_ADD2CLIENT_SEL			X	
NEWMESSAGES_ADD2_REFS			X	
OFFLINEPROCESSINGENTRY	X			
OPE			X	
OPENPOLICIES			X	

**REPORT SCRIPT CHANGES**

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

**REPORT SCRIPT CHANGES**

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



**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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

**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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

**REPORT SCRIPT CHANGES**

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

**REPORT SCRIPT CHANGES**

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

**REPORT SCRIPT CHANGES**

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

**REPORT SCRIPT CHANGES**

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



## REPORT SCRIPT CHANGES

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

## 8.2 Methods

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## 9 Changes from 9.8 SR7 to 9.8 SR8

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

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

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

## 10 Changes from 9.8 SR6 to 9.8 SR7

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

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

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

### 10.1 Constants

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



**REPORT SCRIPT CHANGES**

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## 10.2 Methods

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

## REPORT SCRIPT CHANGES

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

## 11 Changes from 9.8 SR4 to 9.8 SR6

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

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

The ARCM constants can be found in the help:

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

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

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

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

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

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

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

The output object now supports odd/even section definitions:

SECTION\_EVEN (ArisSectionConstants)

SECTION\_ODD (ArisSectionConstants)

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
<b>New report component DocumentStorage ("ADS")</b>				
ADSDocument	X			
ADSDocumentAttribute	X			
ADSDocumentMetaInfo	X			
ADSFolder	X			
ADSRepository	X			
<b>New report component ARCM and its additional classes to communicate with the ARCM server</b>				
ARCM	X			
ARCMClientRepresentation	X			
ARCMJobId	X			
ARCMJobResponse	X			
AppObject	X			
AppObjectAttribute	X			
AppObjectDataSource	X			
ChartDataSource	X			
EvaluationDataSource	X			
GroupInfo	X			
HeaderCell	X			
HeaderInfo	X			
Iterable	X			
ListDataSource	X			
ListViewObject	X			
ReportDataSource	X			
ReportFilterableDataSource	X			
ReportIcon	X			
ReportService	X			
ReportValue	X			
UserInfo	X			
<b>New report component DataQuery to execute fast database queries</b>				
DataQueryFactory	X			

## REPORT SCRIPT CHANGES

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



## 12 Changes from 7.2.4 to 9.8 SR4

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

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

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

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

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

### 12.1 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			

## 12.2 Methods

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
BPExportData.setTenantID(String) -> void	X			
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	

## REPORT SCRIPT CHANGES

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			
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			

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
CxnDef.getOutgoingLinks() -> Link[]	X			
CxnDef.getTimeOfCreation() -> ATimeStamp	X			
CxnDef.getTimeOfLastModification() -> ATimeStamp	X			
CxnDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
CxnDef.fromExtCxnDefs() -> ExtCxnDef[]			X	

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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
DbInfo.getCount(int) -> long	X			
DeployResult.getMessages() -> List	X			
DeployResult.getState() -> boolean				
class DiagramType			X	

## REPORT SCRIPT CHANGES

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



## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Label.getY() -> int	X			
Lane.getCreator() -> String	X			
Lane.getLastModifier() -> String	X			
Lane.getTimeOfCreation() -> ATimeStamp	X			
Lane.getTimeOfLastModification() -> ATimeStamp	X			
Lane.OID() -> int[]				X
Link.Database() -> Database	X			
Link.IsValid() -> boolean	X			
Link.ObjectID() -> String	X			
Link.getLinkDataGUID() -> String	X			
Link.getLinkKind() -> int	X			
Link.getLinkRules() -> LinkRule[]	X			
Link.getLinkSource() -> ArisObject	X			
Link.getLinkTarget() -> ArisObject	X			
Link.getLinkType() -> LinkType	X			
<b>Used by Visio import component</b>				
Mapping.findDrawingTypeByAlias(String) -> String	X			
Mapping.getAllUsedSymbols() -> int[]	X			
Mapping.getCxnType(String,String) -> int	X			
Mapping.getDrawingTypeNameMap(String) -> HashMap	X			
Mapping.getFallbackCxnType(ObjOcc,ObjOcc,int) -> int	X			
Mapping.getModelTypeByVisioTemplate(String) -> int	X			
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			

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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	
Model.OriginalModel() -> Model			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[] ) -> ExtCxnOcc			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[] ,boolean) -> ExtCxnOcc			X	
ModelGenerationOptions.hideProcessInterfacesSpecial(boolean) -> void	X			
ModelGenerationOptions.setOnlyOneSatelliteTypeInHeader(long)-> void	X			
ModelPicture.getPictureTiled(int,int,String) -> PictureBase[] (also available in Publisher)	X			
ModelShortcut.getCreator() -> String	X			
ModelShortcut.getLastModifier() -> String	X			

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

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



## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
TextOcc.getLinks() -> Link[]	X			
TextOcc.getOutgoingLinks() -> Link[]	X			
result type TextOcc.setDisplayAsPostIt(boolean) -> boolean		X		
TextOcc.ObjectID(int) -> String (also available in Publisher)			X	
<b>UML2 scripting</b>				
Omf*	X			
OmfScripting*	X			
Uml2Scripting*	X			
<b>UML 1.x scripting</b>				
class UmlEdgePresentation			X	
class UmlNodePresentation			X	
class UmlPresentation			X	
class UmlReport			X	
class UmlScripting			X	
class UmlScriptingException			X	
<b>UMC report component interface</b>				
UMC.getAllLicenses() -> List	X			
UMC.getAllPrivileges(boolean,boolean) -> List	X			
UMC.getAllUsergroups() -> List	X			
UMC.getAllUsers() -> List	X			
UMC.getAssignedUsergroupsForUser(UmcUser) -> List	X			
UMC.getAssignedUsergroupsForUserName(String) -> List	X			
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			

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
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			
UserGroup.getCustomAttributes() -> Map	X			
UserGroup.getLastModifier() -> String	X			
UserGroup.getTimeOfCreation() -> ATimeStamp	X			
UserGroup.getTimeOfLastModification() -> ATimeStamp	X			
UserGroup.setCustomAttribute(String,String) -> boolean	X			
UserGroup.OID() -> int[]				X
<b>Part of visio import API</b>				
VAnnotation.toString() -> String	X			
VConnect.getFromCell() -> String	X			
VConnect.getFromPart() -> String	X			
VConnect.getFromSheet() -> String	X			
VConnect.getToCell() -> String	X			

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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

## REPORT SCRIPT CHANGES

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



## 13 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
)
}
```

## 14 Legal information

### 14.1 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.

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If you have no account, you can use numerous links on the TECHcommunity website. For any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory and give us a call.

## TECHCOMMUNITY

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- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
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- Once you have an account, you can open Support Incidents online via the eService section of Empower.
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