



ARIS

REPORT SCRIPT CHANGES

VERSION 10.0 - SERVICE RELEASE 14

April 2021

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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Contents

1	Changes from 10.0 SR12 to 10.0 SR14.....	1
1.1	Constants (10.0 SR12 to 10.0 SR14).....	1
1.2	Methods (10.0 SR12 to 10.0 SR14).....	3
2	Changes from 10.0 SR10 to 10.0 SR12.....	5
2.1	Constants (10.0 SR10 to 10.0 SR12).....	5
2.2	Methods (10.0 SR10 to 10.0 SR12).....	9
3	Changes from 10.0 SR8 to 10.0 SR10	11
3.1	Constants (10.0 SR8 to 10.0 SR10).....	11
3.2	Methods (10.0 SR8 to 10.0 SR10).....	15
4	Changes from 10.0 SR6 to 10.0 SR8	17
4.1	Constants.....	17
4.2	Methods	20
5	Changes from 10.0 SR4 to 10.0 SR6	25
5.1	Constants.....	25
5.2	Methods	29
6	Changes from 10.0 SR2 to 10.0 SR4	46
6.1	Constants.....	46
6.2	Methods	53
7	Changes from 10.0 to 10.0 SR2.....	57
7.1	Constants.....	57
7.2	Methods	59
8	Changes from 9.8 SR6 to 10.0	62
8.1	Constants.....	62
8.2	Methods	85
9	Changes from 9.8 SR7 to 9.8 SR8.....	90
10	Changes from 9.8 SR6 to 9.8 SR7.....	91
10.1	Constants.....	91
10.2	Methods	95
11	Changes from 9.8 SR4 to 9.8 SR6.....	97
12	Changes from 7.2.4 to 9.8 SR4	100
12.1	Constants.....	100
12.2	Methods	101
13	Useful report hints.....	124
14	Legal information	125
14.1	Documentation scope.....	125
14.2	Support.....	126

1 Changes from 10.0 SR12 to 10.0 SR14

This chapter describes the report script language differences between 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
ARIS attribute types				
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			
ARIS attribute value types				
AVT_NEW	x			
ARIS Risk & Compliance Manager				
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	
ARIS Optimizer				
BO_ADMINISTRATION			x	
BO_ANALYSIS			x	
BO_DATAINPUT			x	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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	
Variants				
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			
Symbol types				
ST_SWITCH_OPERATOR	x			

1.2 Methods (10.0 SR12 to 10.0 SR14)

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

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

2 Changes from 10.0 SR10 to 10.0 SR12

This chapter describes the report script language differences between 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
ARIS attribute types				
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	
ARIS attribute value types				
AVT_IN_PROGRESS	X			
AVT_PENDING	X			
ARIS Risk & Compliance Manager				
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			
ARCM_ENUM_INITIATORS_RISK_MANAGEMENT	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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	
Model types				
MT_ABSTRACT_BPMN_PROCESS	X			
Symbol types				
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			
ST_ARCHIMATE_GOAL_S	X			
ST_ARCHIMATE_LOCATION_S	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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			
User profile				
USERROLE_TYPE_NONE			X	
Report				
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	
Bookmark				
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			
INITIATORS_INCIDENT_MANAGEMENT	X			
INITIATORS_ISSUE_MANAGEMENT	X			
INITIATORS_LOSS_MANAGEMENT	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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
Alafabet integration				
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
ARIS standard Report API				
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			
Merge				
MergeBaseOptions.getSatelliteCxnDepth() -> short	X			
MergeBaseOptions.setSatelliteCxnDepth(short) -> void	X			
MergeScriptOptions.getSatelliteCxnDepth() -> short	X			
MergeScriptOptions.setSatelliteCxnDepth(short) -> void	X			
Model comparison				
ModelComparisonOptions.setObjectSatelliteRelations(boolean) -> void	X			

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

3 Changes from 10.0 SR8 to 10.0 SR10

This chapter describes the report script language differences between 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
ARIS attribute types				
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			
ARIS attribute value types				
AVT_SM72_COLLABORATION_DIAGRAM	X			
AVT_SM72_EXEC_SUCCESS_FACTOR_APPLICATION	X			
AVT_SM72_PROCESS_DIAGRAM	X			
ARIS Risk & Compliance Manager				
ARCM_ENUM_CONFIRMATION_FREQUENCY_ALL	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_ANNUALLY	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_EVERYSECONDYEAR	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_ONEOFF	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_QUARTERLY	X			
ARCM_ENUM_CONFIRMATION_FREQUENCY_SEMIANNUALLY	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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_FINISH ED	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_CREATION_STATE_A CTIVATED	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_CREATION_STATE_A LL	X			
ARCM_ENUM_CONFIRMATION_SCHEDULER_CREATION_STATE_I N_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_MODIFI ED	X			
ARCM_ENUM_INITIATORS_ISSUE_HANDOVER	X			
ARCM_ENUM_JOBS_ARISTRANSFERSIMULATIONJOB	X			
ARCM_ENUM_JOBS_BACKUPPRESTORE	X			
ARCM_ENUM_JOBS_DATABASECONSISTENCYCHECKJO	X			
ARCM_ENUM_JOBS_INTEGRATION	X			

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CONFIRMATION_SCHEDULER_CREATION_STATE_IN_PREPARATI ON	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_BACKUPRESTORE	X			
JOBS_DATABASECONSISTENCYCHECKJOB	X			
JOBS_INTEGRATION	X			
JOBS_MAINTENANCE	X			
JOBS_OFFLINEPROCESSING	X			
JOBS_TRANSACTIONDATA	X			
LICENSEDCOMPONENT_CONFIRMATION_MANAGEMENT	X			
OUTPUT_EBPMN	X			
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
ADS				
CxnDef.isInventoryCxn() -> boolean	X			
ADSFolder.getPath() -> String	X			
ADSRepository.getRepository() -> ARepository	X			
ARIS standard Report API				
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			
Process				
HumanTaskWrapper.getDescription(int) -> String	X			
HumanTaskWrapper.getName(int) -> String	X			
Others				
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			

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 the report script language differences between ARIS 10.0 SR6 and ARIS 10.0 SR8.

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

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

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	
ARIS attribute types				
AT_ACTUAL_USERS	X			
AT_AUTO_COMPLETE	X			
AT_CMMN_ATG	X			
AT_CMMN_DEFAULT_CRTL_ATG	X			
AT_CONTEXT_PARAMETERS	X			
AT_DEFINITION	X			
AT_FLOW_ID	X			
AT_FLOW_STATUS	X			
AT_FULL_ANNOTATION	X			
AT_MANUAL_ACTIVATION_RULE_EXPRESSION	X			
AT_MANUAL_ACTIVATION_RULE_NAME	X			
AT_MEMBERS	X			
AT_PROVIDER_REF	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CREATE_SUBGROUPS	X			
AT_REPETITION_RULE_EXPRESSION	X			
AT_REPETITION_RULE_NAME	X			
AT_REQUIRED_RULE_EXPRESSION	X			
AT_REQUIRED_RULE_NAME	X			
AT_SHARED	X			
AT_SM72_INTERFACE_TECHNOLOGY	X			
AT_SM72_INTERFACE_TYPE	X			
AT_SM72_MIDDLEWARE_COMPONENT	X			
AT_SM72_RECEIVING_COMPONENT	X			
AT_SM72_SAP_SOLUTIONS	X			
AT_SM72_SENDING_COMPONENT	X			
AT_SM72_TESTCASE_ASSIGNMENT	X			
AT_STAGE_NAME	X			
AT_TEAMS	X			
AT_USERS	X			
AT_SAP_BW_COMPOUNDING			X	
AT_SAP_BW_TRANS_FUNC_ATG			X	
ARIS attribute value types				
AVT_SM72_APPL_LINK_ENABLING_IDOC	X			
AVT_SM72_BATCH_INPUT	X			
AVT_SM72_BUSINESS_DOCUMENTS	X			
AVT_SM72_COMPOSITE_INTERFACE	X			
AVT_SM72_DIRECT_INPUT	X			
AVT_SM72 EDI_USING_IDOCS	X			
AVT_SM72_GENERAL_FILE_BASED_INTERFACE	X			
AVT_SM72_HTTP_WEBSERVICE	X			
AVT_SM72_INTERFACE	X			
AVT_SM72_INTERFACE_FOLDER	X			
AVT_SM72_JAVA_MESSAGE_SERVICE	X			
AVT_SM72_OTHER	X			
AVT_SM72_PROCESS_INTEGRATION_ORCHESTRATION	X			
AVT_SM72_REMOTE_DB_ACCESS	X			
AVT_SM72_RFC	X			
AVT_SM72_SAP_WORKFLOW	X			

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

4.2 Methods

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ExtendedOutputObject.InsertEmbeddedDocument(String,byte[]) -> boolean	X			
ExtendedOutputObject.getFormatDetails(String) -> FormatTemplate	X			
ExtendedOutputObject.getFormatDetails(int) -> FormatTemplate	X			
Report runtime property "excel-formulas-allowed" (default=true/default in public cloud: false)				
Context.setProperty("excel-formulas-allowed", false) //formulas are not allowed in subsequent calls	X			
Context.setProperty("excel-formulas-allowed", true) //formulas are allowed in subsequent calls	X			
Decision Model and Notation (DMN)				
DmnBuiltinAggregator.compareTo(Enum) -> int	X			
DmnBuiltinAggregator.compareTo(Object) -> int	X			
DmnBuiltinAggregator.equals(Object) -> boolean	X			
DmnBuiltinAggregator.getDeclaringClass() -> Class	X			
DmnBuiltinAggregator.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			

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

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

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

5 Changes from 10.0 SR4 to 10.0 SR6

This chapter describes the report script language differences between ARIS 10.0 SR4 and ARIS 10.0 SR6.

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

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

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_MONTHS_DURATION	X			
DMN_HIT_POLICY_ANY	X			
DMN_HIT_POLICY_COLLECT	X			
DMN_HIT_POLICY_FIRST	X			
DMN_HIT_POLICY_OUTPUT_ORDER	X			
DMN_HIT_POLICY_PRIORITY	X			
DMN_HIT_POLICY_RULE_ORDER	X			
DMN_HIT_POLICY_UNIQUE	X			
INITIATORS_HANDOVER	X			
INSTANCE_STATUS_COMPLETED	X			
INSTANCE_STATUS_FAILED	X			
INSTANCE_STATUS_IDLE	X			
INSTANCE_STATUS_RUNNING	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
INSTANCE_STATUS_SUSPENDED	X			
INSTANCE_STATUS_TERMINATED	X			
LANGUAGE_ARABIC	X			
SEARCH_RESULT_TABLE	X			
USERROLE_TYPE_CONTROLAUDITOR	X			
ARCM				
ARCM_ENUM_CONTROLPERIOD_TWOYEARS	X			
ARCM_ENUM_INITIATORS_HANOVER	X			
ARCM_ENUM_LANGUAGE_ARABIC	X			
ARCM_ENUM_USERROLE_TYPE_CONTROLAUDITOR	X			
CONTROLPERIOD_TWOYEARS	X			
ARIS attribute types				
AT_BASE_TYPE	X			
AT_DMN_ATG_2	X			
AT_ENTITY_CONTAINER	X			
AT_ENTITY_SET	X			
AT_ENTITY_TYPE	X			
AT_FEEL_DATA_TYPE	X			
AT_IS_COLLECTION	X			
AT_IS_KEY	X			
AT_IS_PRIMITIVE	X			
AT_JSON_SCHEMA_ENUM	X			
AT_JSON_SCHEMA_EXAMPLE	X			
AT_JSON_SCHEMA_FORMAT	X			
AT_JSON_SCHEMA_MAXIMUM	X			
AT_JSON_SCHEMA_MINIMUM	X			
AT_JSON_SCHEMA_PATTERN	X			
AT_JSON_SCHEMA_REQUIRED_ELEMS	X			
AT_MAXLENGTH	X			
AT_MIME_TYPE	X			
AT_ODATA_VERSION	X			
AT_OPERATION_REF	X			
AT_OPERATION_TYPE	X			
AT_PRECISION	X			
AT_REFERENCE	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_SAP_ENABLE_NOW_ATG	X			
AT_SCALE	X			
AT_SEN_ENABLE_NOW_LINK	X			
AT_SEN_ENABLE_NOW_RELEVANT	X			
AT_SM72_PROCESS_LINK	X			
AT_STRUCTURAL_KIND	X			
ARIS attribute value types				
AVT_FEEL_BOOLEAN	X			
AVT_FEEL_DATE_AND_TIME	X			
AVT_FEEL_DAYS_AND_TIME_DURATION	X			
AVT_FEEL_NUMBER	X			
AVT_FEEL_STRING	X			
AVT_FEEL_TIME	X			
AVT_FEEL_YEARS_AND_MONTHS_DURATION	X			
AVT_SM72_EXECUTABLES_FOLDER	X			
AVT_TWO_YEARS	X			
ARIS connection types				
CT_HAS_CALLBACK	X			
CT_HAS_EDM_OPERATION	X			
CT_HAS_EDM_OPERATIONIMPORT	X			
CT_HAS_EDM_PROPERTY	X			
CT_HAS_EDM_RETURNTYPE	X			
CT_HAS_FINANCIAL_FLOW_TO	X			
CT_HAS_HEADER	X			
CT_HAS_INFLUENCE_ON	X			
CT_HAS_INFORMATION_FLOW_TO	X			
CT_HAS_ITEM	X			
CT_HAS_MATERIAL_FLOW_TO	X			
CT_HAS_REQUEST_BODY	X			
CT_REFERENCES_EDM_OPERATION	X			
CT_REFERENCES_EDM_STRUCTURE	X			
CT_USES_METHOD	X			
ARIS model types				
MT_BUSINESS_ECOSYSTEM	X			
ARIS object types				

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

5.2 Methods

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ResultProperty.getDuration() -> Duration	X			
ResultProperty.getTime() -> Instant	X			
ADS				
ADSDocumentMetaInfo.getOwner() -> UmcUser	X			
ADSDocumentMetaInfo.setOwner(UmcUser) -> void				
ADSRepository.createDocumentMetaInfo(String,String,String,ADS DocumentAttribute[],String[],UmcUser) -> ADSDocumentMetaInfo	X			
ADSRepository.moveFolder(ADSFolder,ADSFolder) -> ADSFolder	X			
ADSRepository.updateDocument(ADSDocument,ADSDocumentMetaInfo) -> ADSDocument	X			
ADSRepository.updateDocumentContent(ADSDocument,ADSDocumentMetaInfo,InputStream,String) -> ADSDocument	X			
ARCM				
ARCMAppObjectMetadata.getDataKind() -> String	X			
Model export/import				
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			
ARIS standard Report API				
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			
Decision Model and Notation (DMN)				
DMN.createDmnContext(Database) -> DmnContext	X			
DMN.getDecisionTable(Model,DmnContext) -> DmnDecisionTable	X			
DMN.getItemDefinition(ObjDef,DmnContext) -> DmnItemDefinition	X			
DMN.setDecisionTable(Model,DmnDecisionTable,Set) -> void	X			
DMN.setItemDefinition(ObjDef,DmnItemDefinition) -> void	X			
DmnArisId.equals(Object) -> boolean	X			
DmnArisId.getOid() -> OID	X			
DmnArisId.getTempId() -> Integer	X			
DmnArisId.hashCode() -> int	X			
DmnArisId.isTemporary() -> boolean	X			
DmnCompositeList.add(DmnElement) -> boolean	X			
DmnCompositeList.add(int,DmnElement) -> boolean	X			
DmnCompositeList.createElement() -> DmnElement	X			
DmnCompositeList.createElementAt(int) -> DmnElement	X			
DmnCompositeList.forEach(Consumer) -> void	X			
DmnCompositeList.get(int) -> DmnElement	X			
DmnCompositeList.getOwner() -> DmnElement	X			
DmnCompositeList.isReadOnly() -> boolean	X			
DmnCompositeList.iterator() -> Iterator	X			

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6 Changes from 10.0 SR2 to 10.0 SR4

This chapter describes the report script language differences between ARIS 10.0 SR2 and ARIS 10.0 SR4.

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

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

6.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
QUERY_PROPERTYTYPE_COMBINED	X			
SHOW_RESULTS_WITHOUT_CALLBACK	X			
SILENT_MODE	X			
ARCM				
ARCM_ENUM_AUDITSTEPSTATUS_IN_EXECUTION	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_ALL	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_EXTREMELYSENSITIVE	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_HIGHLYSENSITIVE	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_PLEASE_SELECT	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_PUBLICDATA	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_SENSITIVE	X			
ARCM_ENUM_GDPR_DATASENSITIVITY_VERYSENSITIVE	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_ALL	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_CONFIDENTIALDATA	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_PERSONALDATA	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_PLEASE_SELECT	X			
ARCM_ENUM_GDPR_RESTRICTIONLEVEL_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			
ARCM_ENUM_LICENSEDCOMPONENT_DATA_PROTECTION_MANAGEMENT	X			
ARCM_ENUM_OBJ_ORIGIN_ARCHITECT	X			

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

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_ARCHIMATE_MOTIVATION	X			
AVT_ARCHIMATE_OTHER	X			
AVT_ARCHIMATE_OVERVIEW	X			
AVT_ARCHIMATE_PASSIVE	X			
AVT_ARCHIMATE_PHYSICAL	X			
AVT_ARCHIMATE_STRATEGY	X			
AVT_ARCHIMATE_STRUCTURE	X			
AVT_ARCHIMATE_TECHNOLOGY	X			
AVT_CMMN_ADD_CHILD	X			
AVT_CMMN_ADD_REFERENCE	X			
AVT_CMMN_CLOSE	X			
AVT_CMMN_COMPLETE	X			
AVT_CMMN_CREATE	X			
AVT_CMMN_DELETE	X			
AVT_CMMN_DISABLE	X			
AVT_CMMN_ENABLE	X			
AVT_CMMN_EXIT	X			
AVT_CMMN_FAULT	X			
AVT_CMMN_MANUAL_START	X			
AVT_CMMN_OCCUR	X			
AVT_CMMN_PARENT_RESUME	X			
AVT_CMMN_PARENT_SUSPRND	X			
AVT_CMMN_PARENT_TERMINATE	X			
AVT_CMMN_REACTIVATE	X			
AVT_CMMN_REENABLE	X			
AVT_CMMN_REMOVE_CHILD	X			
AVT_CMMN_REMOVE_REFERENCE	X			
AVT_CMMN_REPLACE	X			
AVT_CMMN_RESUME	X			
AVT_CMMN_START	X			
AVT_CMMN_SUSPEND	X			
AVT_CMMN_TERMINATE	X			
AVT_CMMN_UPDATE	X			
AVT_DAILY_1	X			
AVT_MONTHLY_1	X			

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

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
LICENSEDCOMPONENT_DATA_PROTECTION_MANAGEMENT	X			
OBJ_ORIGIN_ARCHITECT	X			
OBJ_ORIGIN_ARCM	X			
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			
ADS				
ADSDocument.getDocumentContent() -> InputStream	X			
ADSReportComponent.getDocumentByHyperlink(String) -> ADSDocument	X			
ARCM				
ADSDocument.getDocumentContent() -> InputStream	X			
ARCM.findByGUID(String,String,int) -> List	X			
ARCMAccess.createQuery(String,int) -> ARCMQuery	X			
ARCMAccess.findByGUID(String,String,int) -> List	X			
ARCMAccess.findByOVID(String,int) -> ARCMAppObject	X			
ARCMAccess.getArisModelFromHierarchyObject (ArisData,ARCMAppObject,int) -> Item	X			
ARCMAccess.getArisObject(ArisData,ARCMAppObject,int) -> Item	X			
ARCMAccess.getCurrentUser() -> ARCMUser	X			
ARCMClientRepresentation.getArisDatabase() -> String	X			
ARCMComponent.createQuery(String,int) -> ARCMQuery	X			
ARCMComponent.findByGUID(String,String,int) -> List	X			
ARCMComponent.findByOVID(String,int) -> ARCMAppObject	X			
ARCMComponent.getArisModelFromHierarchyObject (ArisData,ARCMAppObject,int) -> Item	X			
ARCMComponent.getArisObject(ArisData,ARCMAppObject,int) -> Item	X			
ARCMComponent.getCurrentUser() -> ARCMUser	X			
ARCMComponent.getQueryRestrictionFactory() -> ARCMQueryRestrictionFactory	X			
ARCMComponent.transferDataToARCM (ARCMClientRepresentation,byte[]) -> ARCMJobResponse		X		
ARCMComponent.synchronizeToARCM (ARCMClientRepresentation,byte[]) -> ARCMJobResponse	X			
Data Query				
QueryComponent.getConfig(String) -> QueryConfig	X			
QueryComponent.getConfigLocalized(String,int) -> QueryConfig	X			

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

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

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

7 Changes from 10.0 to 10.0 SR2

This chapter describes the report script language differences between ARIS 10.0 and ARIS 10.0 SR2.

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

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

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			
AT_PORTRAIT_IMAGE_LINK	X			
AT_PORTRAIT_IMAGE_TITLE	X			
AT_QUOTE	X			

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

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

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

8 Changes from 9.8 SR6 to 10.0

This chapter describes the report script language differences between ARIS 9.8 SR6 and ARIS 10.0.

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

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

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	
AT_BPEL_QUERY_LANGUAGE			X	
AT_BPEL_ROLE_TYPE			X	
AT_BPEL_SEQ_ORDER			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_BPEL_SUPPRESS_JOIN_FAILURE			X	
AT_BPEL_TRANSITION_CONDITION			X	
AT_BPEL_TYPE_1			X	
AT_BPEL_VARI_ACCESS_SERIALIZABLE			X	
AT_DB_BACKUP	X			
AT_DB_REORG	X			
AT_DMN_ALLOWED_ANSWERS	X			
AT_DMN_ATG	X			
AT_DMN_BUILTIN_AGGREGATOR	X			
AT_DMN_HIT_POLICY	X			
AT_DMN_QUESTION	X			
AT_DOCUMENT_DESC_1	X			
AT_DOCUMENT_DESC_2	X			
AT_DOCUMENT_DESC_3	X			
AT_DOCUMENT_DESC_4	X			
AT_DOCUMENT_DESC_5	X			
AT_DOCUMENT_LINK_1	X			
AT_DOCUMENT_LINK_2	X			
AT_DOCUMENT_LINK_3	X			
AT_DOCUMENT_LINK_4	X			
AT_DOCUMENT_LINK_5	X			
AT_DOCUMENT_TITL1	X			
AT_DOCUMENT_TITL2	X			
AT_DOCUMENT_TITL3	X			
AT_DOCUMENT_TITL4	X			
AT_DOCUMENT_TITL5	X			
AT_EXT_PAGE_DESC_1	X			
AT_EXT_PAGE_DESC_2	X			
AT_EXT_PAGE_DESC_3	X			
AT_EXT_PAGE_DESC_4	X			
AT_EXT_PAGE_DESC_5	X			
AT_EXT_PAGE_LINK_1	X			
AT_EXT_PAGE_LINK_2	X			
AT_EXT_PAGE_LINK_3	X			
AT_EXT_PAGE_LINK_4	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_EXT_PAGE_LINK_5	X			
AT_EXT_PAGE_TITL1	X			
AT_EXT_PAGE_TITL2	X			
AT_EXT_PAGE_TITL3	X			
AT_EXT_PAGE_TITL4	X			
AT_EXT_PAGE_TITL5	X			
AT_IMAGE_DESC_1	X			
AT_IMAGE_DESC_2	X			
AT_IMAGE_DESC_3	X			
AT_IMAGE_DESC_4	X			
AT_IMAGE_DESC_5	X			
AT_IMAGE_LINK_1	X			
AT_IMAGE_LINK_2	X			
AT_IMAGE_LINK_3	X			
AT_IMAGE_LINK_4	X			
AT_IMAGE_LINK_5	X			
AT_IMAGE_TITL1	X			
AT_IMAGE_TITL2	X			
AT_IMAGE_TITL3	X			
AT_IMAGE_TITL4	X			
AT_IMAGE_TITL5	X			
AT_IOT_ATG	X			
AT_IOT_EVT_SEQ_NUM	X			
AT_IOT_IS_GATEWAY	X			
AT_IOT_TIME_WINDOW	X			
AT_LOYALTY	X			
AT_MEDIA_TYPE_1	X			
AT_MULTI_MEDIA_AT	X			
AT_RELEVANCE	X			
AT_SYSTEM_VERSION	X			
AT_TEXT_ANNOTATIONS	X			
AT_VERSION_FAMILY_REF	X			
AT_VIDEO_DESC_1	X			
AT_VIDEO_DESC_2	X			
AT_VIDEO_DESC_3	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AT_VIDEO_DESC_4	X			
AT_VIDEO_DESC_5	X			
AT_VIDEO_LINK_1	X			
AT_VIDEO_LINK_2	X			
AT_VIDEO_LINK_3	X			
AT_VIDEO_LINK_4	X			
AT_VIDEO_LINK_5	X			
AT_VIDEO_TITL1	X			
AT_VIDEO_TITL2	X			
AT_VIDEO_TITL3	X			
AT_VIDEO_TITL4	X			
AT_VIDEO_TITL5	X			
AUDIT2INCIDENTS			X	
AUDITGANTTCHART			X	
AUDITPLAN			X	
AUDITSCOPE	X			
AUDITSTEPPROCESSINGTIMECHART			X	
AUDITSTEP	X			
AUDITSTEPTEMPLATE	X			
AUDITSTEP_OWNER			X	
AUDITSTEP_STATISTIC_PER_HIERARCHY			X	
AUDITTEMPLATEGANTTCHART			X	
AUDITTEMPLATEPLAN			X	
AUDIT_OWNER			X	
AUDIT_REVIEWER			X	
AUDIT_STATISTIC_AUDIT			X	
AUDIT_STATISTIC_AUDIT_STEP			X	
AUDIT_STATISTIC_PER_HIERARCHY			X	
AUDIT_STEP			X	
AUDIT_STEP_TEMPLATE			X	
AUDIT_TEMPLATE			X	
AVT_ALMOST_IRRELEVANT	X			
AVT_ANALOG	X			
AVT_DIGITAL	X			
AVT_DMN_HIT_POLICY_ANY	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
AVT_DMN_HIT_POLICY_COLLECT	X			
AVT_DMN_HIT_POLICY_FIRST	X			
AVT_DMN_HIT_POLICY_OUTPUT_ORDER	X			
AVT_DMN_HIT_POLICY_PRIO	X			
AVT_DMN_HIT_POLICY_RULE_ORDER	X			
AVT_DMN_HIT_POLICY_UNIQUE	X			
AVT_DMN_RULE_COUNT	X			
AVT_DMN_RULE_MAX	X			
AVT_DMN_RULE_MIN	X			
AVT_DMN_RULE_SUM	X			
AVT_LESS_RELEVANT	X			
AVT_MEDIUM_1	X			
AVT_RELEVANT	X			
AVT_SM72_EXEC_EXTRA_NAVIGATION	X			
AVT_SM72_EXEC_FIORI	X			
AVT_SM72_EXEC_WEBDYNPRO_ABAP_APPL_CONFIG	X			
AVT_VERY_RELEVANT	X			
BOOKMARK	X			
CHANGEMANAGEMENT			X	
CHANGEREVIEWOWNER			X	
CHARTCONTROLTRENDANALYSIS			X	
CHARTPOLICYAPPROVALPROGRESS			X	
CHARTPOLICYCONFIRMATIONPROGRESS			X	
CHARTPOLICYTESTCASESTATUS			X	
CHARTQUALRISKMATRIX			X	
CHARTQUANRISKMATRIX			X	
CHARTRISKEXPTECTEDIMPACTQUALITATIVE			X	
CHARTRISKTRENDAMAGEQUALITATIVE			X	
CHARTRISKTRENDAMAGEQUANTITATIVE			X	
CHARTRISKTRENDEXPECTEDLOSS			X	
CHARTRISKTRENDFREQUENCYQUALITATIVE			X	
CHARTRISKTRENDFREQUENCYQUANTITATIV			X	
CLIENT2LINKTYPE_SEL			X	
CLIENT2SUBSCRIPTIONS			X	
CLIENT2USERGROUP_REFS			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CLIENT2USER_REFS			X	
CONNECTION			X	
CONTROL2CONTROLEXECUTION			X	
CONTROL2CONTROLEXECUTIONTASK			X	
CONTROL2CONTROLEXECUTIONTASK_SEL			X	
CONTROL2INCIDENTS			X	
CONTROL2QUESTIONNAIRES			X	
CONTROL2QUESTIONNAIRESFORWARDLIST			X	
CONTROL2QUESTIONNAIRESTATISTICLIST			X	
CONTROL2RISK_REV_SEL			X	
CONTROL2SURVEYS			X	
CONTROL2SURVEYSFORWARDLIST			X	
CONTROL2TESTACTION			X	
CONTROLEFFECT_CORRECTIVE	X			
CONTROLEXECUTIONTASK2CONTROL			X	
CONTROLEXECUTIONTASK2CONTROLEXECUTION			X	
CONTROLEXECUTION_STATISTIC			X	
CONTROL_ADD2RISK_REFS			X	
CONTROL_ADD2TESTDEFINITIONS_REFS			X	
CONTROL_TESTDEFINITION_SEL			X	
CREATEDAUDITS			X	
CREATEDCHANGEREVIEWS			X	
CREATEDPOLICIES			X	
CREATEDPOLICIES_AUDITOR			X	
CREATEDPOLICYREVIEWS			X	
CREATEDQUESTIONNAIRES			X	
CREATEDSURVEYS			X	
CREATEDTESTACTIONS			X	
CROSSAUDITGANTTCHART			X	
CT_APPL			X	
CT_ARCHIMATE_INFLUENCES	X			
CT_ARCHIMATE_IS_SPECIALIZATION_OF	X			
CT_ARCHIMATE_SERVES	X			
CT_BPEL_ALIAS			X	
CT_BPEL_CASE			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_BPEL_CATCHES			X	
CT_BPEL_CATCH_ALL			X	
CT_BPEL_COMPENSATES			X	
CT_BPEL_CONTAINS			X	
CT_BPEL_CORRELATES			X	
CT_BPEL_DEFINES			X	
CT_BPEL_DEFINES_COMPENSATION			X	
CT_BPEL_HAS_OUTPUT			X	
CT_BPEL_IS_INPUT			X	
CT_BPEL_LINKS			X	
CT_BPEL_STARTS_WITH			X	
CT_BPEL_THROWS			X	
CT_BPEL_USES			X	
CT_DENOTE			X	
CT_DMN_ALLOWS_ENTRY	X			
CT_DMN_AUTHORITY_REQ	X			
CT_DMN_CALLS	X			
CT_DMN_CONCERNS	X			
CT_DMN_HAS_AS_OUTPUT	X			
CT_DMN_HAS_PARAMETER	X			
CT_DMN_INFO_REQ	X			
CT_DMN_IS_ASSIGNED_TO	X			
CT_DMN_IS_BOUND_TO	X			
CT_DMN_IS_DECISION_MAKER	X			
CT_DMN_IS_DECISION_OWNER	X			
CT_DMN_IS_INPUT_DECISION_OF	X			
CT_DMN_IS_INPUT_FOR	X			
CT_DMN_IS_OUTPUT_DECISION_OF	X			
CT_DMN_IS_OUTPUT_ENTRY_USED_BY	X			
CT_DMN_IS_REQUIRED_FOR	X			
CT_DMN_IS_USED_BY	X			
CT_DMN_KNOWLEDGE_REQ	X			
CT_DMN_SETS	X			
CT_DMN_USES_INPUT_ENTRY	X			
CT_EXPERIENCES	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
CT_INFO_FLOW			X	
CT_IOT_ENCOMPASSES	X			
CT_IOT_INPUT_EVT	X			
CT_IOT_OUTPUT_EVT	X			
CT_IS_CRITICAL			X	
CT_IS_TAKEN			X	
CT_MAT_FLOW			X	
CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT		X		
CT_RESPONSIBILITY_2nd_LEVEL_SUPPORT		X		
CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT		X		
CT_RESPONSIBILITY_APPLICATION		X		
CT_RESPONSIBILITY_FACILITY_OPERATOR		X		
CT_RESPONSIBILITY_HOTLINE_SUPPORT		X		
CT_RESPONSIBILITY_OPERATING		X		
CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING		X		
CT_RESPONSIBILITY_SYSTEM		X		
CT_RESPONSIBILITY_SYSTEM_INTEGRATION		X		
CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_2ND_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT	X			
CT_RESPONSIBILITY_APPLICATION	X			
CT_RESPONSIBILITY_FACILITY_OPERATOR	X			
CT_RESPONSIBILITY_HOTLINE_SUPPORT	X			
CT_RESPONSIBILITY_OPERATING	X			
CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING	X			
CT_RESPONSIBILITY_SYSTEM	X			
CT_RESPONSIBILITY_SYSTEM_INTEGRATION	X			
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING		X		
CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM		X		
CT_SUBSTITUTE_RESPONSIBILITY_OPERATING	X			
CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM	X			
DASHBOARDCONNECTION	X			
DEFICIENCYSTATISTIC			X	
DEFICIENCY_COMPCTRL_SEL_L1			X	
DEFICIENCY_COMPCTRL_SEL_L2			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
DEFICIENCY_COMPCTRL_SEL_L3			X	
DEFICIENCY_REMEDIATIONCTRL_SEL			X	
DESCRIPTION			X	
DOCUMENTLINKTYPE	X			
EVALUATION			X	
EVALUATION_LIST_LOSSES_SPECIAL_PERIOD			X	
EVALUATION_LIST_RISK_INCURRED_LOSSES			X	
FOLLOWUP			X	
FORECAST_QUESTIONNAIRE			X	
FORECAST_RISKASSESSMENT			X	
FORECAST_TESTCASE			X	
GROUP2USER_REFS			X	
GROUP2USER_SEL			X	
GROUP2USER_SEL2			X	
HIERARCHIE_CHILDS_REFS			X	
HIERARCHIE_PARENT_REFS			X	
HIERARCHY2AUDITS			X	
HIERARCHY2AUDITSTEPS			X	
HIERARCHY2CHANGEREVIEWS			X	
HIERARCHY2CONTROL_REFS			X	
HIERARCHY2INCIDENTS			X	
HIERARCHY2LOSSES			X	
HIERARCHY2PARENT_REV_SEL			X	
HIERARCHY2POLICIES			X	
HIERARCHY2QUESTIONNAIRES_REFS			X	
HIERARCHY2RISKASSESSMENTS			X	
HIERARCHY2RISK_REFS			X	
HIERARCHY2SURVEYS_REFS			X	
HIERARCHY2TESTACTION_REFS			X	
HIERARCHY2TESTDEFINITION_REFS			X	
HIERARCHYRELATEDISSUES			X	
HIERARCHY_CHILD_SEL			X	
HIERARCHY_TESTER_SEL			X	
INCIDENT2AUDITS			X	
INCIDENT2AUDITS_SEL			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
INCIDENT2CONTROLS			X	
INCIDENT2CONTROLS_SEL			X	
INCIDENT2HIERARCHIES_APPLICATIONSYSTEMTYPE			X	
INCIDENT2HIERARCHIES_APPLICATIONSYSTEMTYPE_SEL			X	
INCIDENT2HIERARCHIES_CATEGORY			X	
INCIDENT2HIERARCHIES_CATEGORY_SEL			X	
INCIDENT2HIERARCHIES_FINANCIALACCOUNT			X	
INCIDENT2HIERARCHIES_FINANCIALACCOUNT_SEL			X	
INCIDENT2HIERARCHIES_ORGUNIT			X	
INCIDENT2HIERARCHIES_ORGUNIT_SEL			X	
INCIDENT2HIERARCHIES_PROCESS			X	
INCIDENT2HIERARCHIES_PROCESS_SEL			X	
INCIDENT2LOSSES			X	
INCIDENT2POLICIES			X	
INCIDENT2POLICIES_SEL			X	
INCIDENT2RISKS_SEL			X	
INCIDENTOWNER			X	
INCIDENTPIECHARTHIERARCHY			X	
INCIDENTPIECHARTPERAUDIT			X	
INCIDENTPIECHARTPERCONTROL			X	
INCIDENTPIECHARTPERPOLICY			X	
INCIDENTPIECHARTPERRISK			X	
INCIDENTREVIEWER			X	
INCIDENTS			X	
INCIDENTSPERAUDIT			X	
INCIDENTSPERCONTROL			X	
INCIDENTSPERPOLICY			X	
INCIDENTSPERRISK			X	
INCIDENTSTATISTIC			X	
INCIDENTS_EVALUATION			X	
INTERNALMESSAGES			X	
ISSUEOWNER			X	
ISSUEOWNERSELECTION			X	
ISSUERELVANTOBJECTSELECTION			X	
ISSUEREVIEWER			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ISSUEREVIEWERSELECTION			X	
ISSUES			X	
ISSUERELEVANTOBJECT	X			
JOBENDSTATE_ALL			X	
JOBENDSTATE_CANCELED			X	
JOBENDSTATE_FAILED			X	
JOBENDSTATE_SUCCESS			X	
JOBENDSTATE_UNDEFINED			X	
JOBENDSTATE_WARNINGS			X	
JOBS_ASYNDEFAULTREPORTJOB			X	
JOBS_JOBLISTCLEANINGJOB			X	
JOBS_XMLEXPORTJOB			X	
JOBRESULTSTATE_ALL	X			
JOBRESULTSTATE_CANCELED	X			
JOBRESULTSTATE_FAILED	X			
JOBRESULTSTATE_SUCCESS	X			
JOBRESULTSTATE_UNDEFINED	X			
JOBRESULTSTATE_WARNINGS	X			
JOBSTATE_ALL	X			
JOBSTATE_FINISHED	X			
JOBSTATE_PENDING	X			
JOBSTATE_RUNNING	X			
JOBSTATE_UNDEFINED	X			
JOBS_REPORTREMOVEJOB	X			
LIST			X	
LOSS2INCIDENT_SEL			X	
LOSS2RISK_SEL			X	
LOSSDB_CHART_LOSSESPERHIERARCHY			X	
LOSSDB_CHART_LOSSES_OVERALL			X	
LOSSDB_CHART_LOSSES_SPECIAL_PERIOD			X	
LOSSDB_CHART_RISK_INCURRED_LOSSES			X	
LOSSES			X	
LOSSESPERRISK			X	
LOSSES_EVALUATION			X	
LOSSOWNER			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
LOSSREVIEWER			X	
LOSSSTATISTIC			X	
LT_AUTO			X	
LT_BUSI_AREA			X	
LT_CLM2			X	
LT_CUST			X	
LT_DATA_2			X	
LT_DEPT_JOB			X	
LT_DMN_ASSIGNMENT	X			
LT_DMN_BINDING	X			
LT_DMN_BINDING_EXPRESSIONS	X			
LT_DMN_EXPECTED_ENTRIES	X			
LT_DMN_HEADER	X			
LT_DMN_INFO_ITEM	X			
LT_DMN_INPUT	X			
LT_DMN_INVOKED_EXPRESSION	X			
LT_DMN_OUTPUT	X			
LT_DMN_PARAMETERS	X			
LT_DMN_RULE	X			
LT_EXPRESSIONS	X			
LT_INT_EXT			X	
LT_OWNER			X	
LT_PRODUCTS_SERVICES	X			
LT_REVENUE	X			
LT_TIME_LINE			X	
LT_VARIABLES	X			
MEASURE_AUDITSTEP_ISSUE	X			
MEASURE_AUDITSTEP_NOISSUE	X			
MEASURE_AUDITSTEP_UNSPECIFIED	X			
MESSAGETEMPLATE			X	
MESSAGETEMPLATES	X			
MT_ARCHIMATE_3	X			
MT_BPEL_ALLOCATION_DIAGRAM			X	
MT_BPEL_PROCESS			X	
MT_CUSTOMER_SEGMENTATION_MAP	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
MT_DMN_BOXED_FUNCTION	X			
MT_DMN_CONTEXT_DIAGRAM	X			
MT_DMN_DECISION_REQUIREMENTS_DIAGRAM	X			
MT_DMN_DECISION_TABLE_MODEL	X			
MT_DMN_INVOCATION_MODEL	X			
MT_IOT_OBJECT_CONTEXT	X			
MT_IOT_OBJECT_DEFINITION	X			
MT_LLOVC			X	
MT_PLOVC			X	
MYCREATEDISSUES			X	
MYCREATEDOPENISSUES			X	
MYDASHBOARDS			X	
MYISSUERELEVANTOBJECTS			X	
MYOPE			X	
MYTASKS			X	
NEWSMESSAGES_ADD2CLIENT_SEL			X	
NEWSMESSAGES_ADD2_REFS			X	
OFFLINEPROCESSINGENTRY	X			
OPE			X	
OPENPOLICIES			X	
OPENPOLICYREVIEWS			X	
ORGANISATION			X	
OT_APPLICATION_COLLABORATION	X			
OT_ASSUM			X	
OT_BPEL_PARTNER			X	
OT_CUSTOMER_SEGMENT	X			
OT_DELIVERABLE	X			
OT_EQUIPMENT	X			
OT_FACILITY	X			
OT_IOT_OBJECT	X			
OT_MAT			X	
OT_MATU_RAT			X	
OT_MEASURE			X	
OT_OPPORTUN			X	
OT_PROBLEM_AREA			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
OT_SYSTEM_SOFTWARE	X			
OT_TECHNOLOGY_SERVICE	X			
PAGE_1			X	
POLICY2EXCEPTIONS			X	
POLICY2EXCEPTIONS_SEL			X	
POLICY2INCIDENTS			X	
POLICY2POLICYAPPROVALS_REFS			X	
POLICY2POLICYCONFIRMATIONS_REFS			X	
POLICY2POLICYREVIEWS			X	
POLICY2RISKS			X	
POLICY2RISKS_SEL			X	
POLICY2TESTCASES			X	
POLICYAPPROVALS			X	
POLICYCONFIRMATIONS			X	
POLICYDEFINITION2POLICIES_REFS			X	
POLICYDEFINITION2RISKS			X	
POLICYDEFINITION2RISKS_SEL			X	
POLICYREVIEW2EXCEPTIONS			X	
POLICYREVIEW2INCIDENTS			X	
POLICYREVIEW2POLICYCONFIRMATIONS			X	
POLICYREVIEW2POLICYISSUES			X	
POLICYREVIEW2TESTCASES			X	
POLICY_DEFINITION			X	
QUERY_CONFIG_MODEL	X			
QUERY_CONFIG_OBJECT	X			
QUERY_PROPERTYTYPE_ADSLINK	X			
QUERY_PROPERTYTYPE_BOOLEAN	X			
QUERY_PROPERTYTYPE_DATE	X			
QUERY_PROPERTYTYPE_DOUBLE	X			
QUERY_PROPERTYTYPE_INTEGER	X			
QUERY_PROPERTYTYPE_ITEMLIST	X			
QUERY_PROPERTYTYPE_LINK	X			
QUERY_PROPERTYTYPE_LINKADS	X			
QUERY_PROPERTYTYPE_MARKUP	X			
QUERY_PROPERTYTYPE_STRING	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
QUERY_PROPERTYTYPE_VALUE	X			
QUESTIONNAIREPIECHART			X	
QUESTIONNAIRESTATISTIC_LINKEDQUESTIONNAIRES			X	
QUESTIONNAIRESTATISTIC_LINKEDSURVEYS			X	
QUESTIONNAIRES_OWNER			X	
QUESTIONNAIRES_REVIEWER			X	
QUESTIONNAIRETEMPLATEPREVIEW			X	
QUESTIONNAIRETEMPLATE_CROSTABULATION			X	
QUESTIONNAIRETEMPLATE_EXCELREPORT_ANSWERDETAIL			X	
QUESTIONNAIRETEMPLATE_EXCELREPORT_SCOREDETAIL			X	
QUESTIONNAIRETEMPLATE_RESULT_SUMMARY			X	
QUESTIONNAIRETEMPLATE_SCORE			X	
QUESTIONNAIRETEMPLATE_SCORECOMPARISON			X	
QUESTIONNAIRE_CROSTABULATION			X	
QUESTIONNAIRE_EXCELREPORT_ANSWERDETAIL			X	
QUESTIONNAIRE_EXCELREPORT_SCOREDETAIL			X	
QUESTIONNAIRE_SCORE			X	
QUESTIONNAIRE_TEMPLATE2QUESTIONNAIRES_REV_REFS			X	
QUESTIONNAIRE_TEMPLATE2SURVEYS_REV_REFS			X	
QUESTIONNAIRE_TEMPLATES_WORKINGCOPIES			X	
QUESTIONNAIRE_TIMELINE			X	
QUESTION_OPTIONS_SEL			X	
RATEOFAUDITPERSONALUTILIZATION			X	
RA_IMPACTTYPES			X	
RECENTREPORTS			X	
RECENTREPORTS			X	
RELATEDAUDITS			X	
RELATEDISSUES			X	
RA_IMPACTTYPE	X			
REPORT	X			
REPORT_OUTPUT_FORMAT_XLSX	X			
REPORT_STATUS_WAIT_FOR_RUNNING	X			
RISK2INCIDENTS			X	
RISK2LOSSES			X	
RISK2POLICIES			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
RISK2QUESTIONNAIRES			X	
RISK2QUESTIONNAIRESFORWARDLIST			X	
RISK2QUESTIONNAIRESTATISTICLIST			X	
RISK2RISKASSESSMENT_REV_REFS			X	
RISK2SURVEYS			X	
RISK2SURVEYSFORWARDLIST			X	
RISK2TESTACTION			X	
RISK2TESTDEFINITION			X	
RISKASSESSMENT2CONTROL			X	
RISKASSESSMENT2INCIDENTS			X	
RISKASSESSMENT2ISSUES			X	
RISKASSESSMENT2LOSSES			X	
RISKASSESSMENT2LOSSESPOPUP			X	
RISKASSESSMENT2POLICIES			X	
RISKASSESSMENT2QUESTIONNAIRES			X	
RISKASSESSMENT2SURVEYS			X	
RISKASSESSMENT2TESTCASE			X	
RISKASSESSMENT2TESTDEFINITIONS			X	
RISKASSESSMENTSTATISTIC			X	
RISKASSESSMENTSTATISTICIMPACTTYPE			X	
RISKASSESSMENT_OWNER			X	
RISKASSESSMENT_REVIEWER			X	
RISKS_ADD2CONTROLS_REFS			X	
RISK_CONTROL_SEL			X	
SCOPE2CHARTQUALRISKMATRIX			X	
SCOPE2CHARTQUANRISKMATRIX			X	
SCOPE2CONTROL_REFS			X	
SCOPE2DEFICIENCY_LINKEDDEFICIENCIES			X	
SCOPE2DEFICIENCY_STATISTIC			X	
SCOPE2INCIDENT_REFS			X	
SCOPE2ISSUE_REFS			X	
SCOPE2LOSS_REFS			X	
SCOPE2LOSS_STATISTIC			X	
SCOPE2POLICIES			X	
SCOPE2POLICY_STATISTIC			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
SCOPE2QUESTIONNAIRE_REFS			X	
SCOPE2QUESTIONNAIRE_STATISTIC			X	
SCOPE2RISKASSESSMENT_REFS			X	
SCOPE2RISKASSESSMENT_STATISTIC			X	
SCOPE2RISK_REFS			X	
SCOPE2SURVEY_REFS			X	
SCOPE2TESTCASE_REFS			X	
SCOPE2TESTCASE_STATISTIC			X	
SCOPING			X	
SCRIPT_ID	X			
SECTION_QUESTION_SEL			X	
SIGNOFFSTATISTICTESTCASES			X	
SIGNOFF_DEFICIENCY_STATISTIC_LINK			X	
SIGNOFF_ELEMENT_SEL			X	
SOOWNER			X	
SOPROCESS2TESTACTION_REFS			X	
SOPROCESSDEFICIENCYSTATISTIC			X	
SOPROCESSTESTCASESTATISTIC			X	
SOREVIEWER			X	
STATE			X	
STATISTICAPPROVALPERPOLICY			X	
STATISTICCONFIRMATIONPERPOLICY			X	
STATISTICDEFICIENCIES			X	
STATISTICINCIDENTS			X	
STATISTICPIECHART			X	
STATISTICPOLICYAPPROVALS			X	
STATISTICPOLICYCONFIRMATIONS			X	
STATISTICPOLICYLIST			X	
STATISTICPOLICYPERDEFINITION			X	
STATISTICRISKASSESSMENTSASSESSMENTS			X	
STATISTICRISKASSESSMENTSRRISKS			X	
STATISTICRISKASSESSMENTSRRISKSBYIMPACTTYPE			X	
STATISTICTESTCASEPERPOLICY			X	
STATISTICTESTCASES			X	
STATISTICTESTCASESPERPOLICY			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
STATISTIC_LINKED_AUDITS			X	
STATISTIC_LINKED_AUDITSTEPS_PER_HIERARCHY			X	
STATISTIC_LINKED_AUDITS_PER_HIERARCHY			X	
STATISTIC_LINKED_CONTROLEXECUTIONS			X	
STRUCTURE			X	
ST_AIRPLANE			X	
ST_ARCHIMATE_APPLICATION_EVENT	X			
ST_ARCHIMATE_APPLICATION_PROCESS	X			
ST_ARCHIMATE_CAPABILITY	X			
ST_ARCHIMATE_CONSTRAINT	X			
ST_ARCHIMATE_COURSE_OF_ACTION	X			
ST_ARCHIMATE_DELIVERABLE	X			
ST_ARCHIMATE_DISTRIBUTION_NETWORK	X			
ST_ARCHIMATE_DRIVER	X			
ST_ARCHIMATE_EQUIPMENT	X			
ST_ARCHIMATE_FACILITY	X			
ST_ARCHIMATE_GAP	X			
ST_ARCHIMATE_GOAL	X			
ST_ARCHIMATE_GROUP	X			
ST_ARCHIMATE_IMPLEMENTATION_EVENT	X			
ST_ARCHIMATE_INFRASTRUCTURE_INTERFACE			X	
ST_ARCHIMATE_INFRASTRUCTURE_SERVICE			X	
ST_ARCHIMATE_LOCATION	X			
ST_ARCHIMATE_MATERIAL	X			
ST_ARCHIMATE_OR_JUNCTION	X			
ST_ARCHIMATE_OUTCOME	X			
ST_ARCHIMATE_PLATEAU	X			
ST_ARCHIMATE_PRINCIPLE	X			
ST_ARCHIMATE_REQUIREMENT	X			
ST_ARCHIMATE_RESOURCE	X			
ST_ARCHIMATE_STAKEHOLDER	X			
ST_ARCHIMATE_TECHNOLOGY_COLLABORATION	X			
ST_ARCHIMATE_TECHNOLOGY_EVENT	X			
ST_ARCHIMATE_TECHNOLOGY_FUNCTION	X			
ST_ARCHIMATE_TECHNOLOGY_INTERACTION	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_ARCHIMATE_TECHNOLOGY_INTERFACE	X			
ST_ARCHIMATE_TECHNOLOGY_PROCESS	X			
ST_ARCHIMATE_TECHNOLOGY_SERVICE	X			
ST_ARCHIMATE_WORK_PACKAGE	X			
ST_ASSUM			X	
ST_BAR_CODE			X	
ST_BPEL_ASSIGN			X	
ST_BPEL_CATCH			X	
ST_BPEL_COMPENSATE			X	
ST_BPEL_COPY			X	
ST_BPEL_CORRELATION_SET			X	
ST_BPEL_EMPTY			X	
ST_BPEL_FAULT			X	
ST_BPEL_FLOW			X	
ST_BPEL_INVOKE			X	
ST_BPEL_NAMESPACE			X	
ST_BPEL_ON_ALARM			X	
ST_BPEL_ON_MESSAGE			X	
ST_BPEL_PARAMETER			X	
ST_BPEL_PARTNER			X	
ST_BPEL_PARTNER_LINK			X	
ST_BPEL_PARTNER_LINK_TYPE			X	
ST_BPEL_PICK			X	
ST_BPEL_PROC_END			X	
ST_BPEL_PROC_START			X	
ST_BPEL_PROPERTY			X	
ST_BPEL_RECEIVE			X	
ST_BPEL_REPLY			X	
ST_BPEL_SCOPE_END			X	
ST_BPEL_SCOPE_START			X	
ST_BPEL_SEQUENCE			X	
ST_BPEL_SWITCH			X	
ST_BPEL_TERMINATE			X	
ST_BPEL_THROW			X	
ST_BPEL_VARIABLE			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_BPEL_WAIT			X	
ST_BPEL_WHILE			X	
ST_BPEL_XSD_ELEMENT			X	
ST_BPEL_XSD_TYPE			X	
ST_BUS_AREA			X	
ST_CRITIC_MEASURE			X	
ST_CUST_ACTIV			X	
ST_CUST_PRC			X	
ST_CUSTOMER_SEGMENT_1	X			
ST_DISKETTE			X	
ST_DMN_BINDING_EXPRESSION	X			
ST_DMN_BUSINESS_KNOWLEDGE_MOD	X			
ST_DMN_CASE	X			
ST_DMN_DECISION	X			
ST_DMN_DECISION_SERVICE	X			
ST_DMN_DEFAULT_OUTPUT_ENTRY	X			
ST_DMN_EXPRESSION	X			
ST_DMN_EXPRESSION_1	X			
ST_DMN_GENERIC_DECISION_SERVICE	X			
ST_DMN_INPUT_DATA	X			
ST_DMN_INPUT_ENTRY	X			
ST_DMN_INPUT_EXPRESSION	X			
ST_DMN_INPUT_OUTPUT_DECISION_SERVICE	X			
ST_DMN_INPUT_STATE	X			
ST_DMN_KNOWLEDGE_SOURCE	X			
ST_DMN_OUTPUT_COMPONENT	X			
ST_DMN_OUTPUT_ENTRY	X			
ST_DMN_OUTPUT_STATE	X			
ST_DMN_PARAMETER	X			
ST_DMN_RULE_INPUT_STATE	X			
ST_DMN_RULE_OUTPUT_STATE	X			
ST_DMN_VARIABLE	X			
ST_DOC_1			X	
ST_DOC_STORAGE			X	
ST_ED			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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_CONNEX			X	
ST_HAPPY_CUSTOMER			X	
ST_HARD_DISK			X	
ST_INTERNET			X	
ST_IOT_ACTUATOR_COMP	X			
ST_IOT_OBJECT	X			
ST_IOT_SENSOR_COMP	X			
ST_IS_GATEWAY	X			
ST_LAN			X	
ST_MAGNET_TAPE			X	
ST_MAIL			X	
ST_MARKED			X	
ST_MATERIAL			X	
ST_MAT_RATE			X	
ST_MESSAGE_PART			X	
ST_MESSAGE_TYPE			X	
ST_MICROFICHE_1			X	
ST_OFFICE_SYSTEM			X	
ST_OPP_AREA			X	
ST_ORACLE_BPEL_ABSTRACT_ACTIVITY			X	
ST_ORACLE_BPEL_BUSINESS_RULES			X	
ST_ORACLE_BPEL_HUMAN_TASK			X	
ST_ORACLE_BPEL_NOTIFICATION			X	
ST_ORACLE_FLOW_N			X	
ST_PERSON			X	
ST_POLICY			X	
ST_PRINTER			X	

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
ST_PROBLEM_AREA			X	
ST_REVENUE_1	X			
ST_SCREEN			X	
ST_SERVICE_OPERATION			X	
ST_SERVICE_PORT_TYPE			X	
ST_STRATEGY			X	
ST_TELEPHONE			X	
ST_TRUCK			X	
ST_UNHAPPY_CUSTOMER			X	
ST_WASTE_BIN			X	
SUBSTITUTE2USER_REFS			X	
SUBSTITUTE2USER_SEL			X	
SURVEY2QUESTIONNAIRES_REV_REFS			X	
SURVEYANDQUESTIONNAIREPIECHARTPERCONTROL			X	
SURVEYANDQUESTIONNAIREPIECHARTPERRISK			X	
SURVEYANDQUESTIONNAIREPIECHARTPERTESTDEFINITION			X	
SURVEYPIECHART			X	
SURVEYREVIEWER_SURVEYS			X	
SURVEYSUMMARYANSWERRESULT			X	
SURVEYSUMMARYREVIEWEDRESULT			X	
SURVEYTASK2QUESTIONNAIRES_REV_REFS			X	
SURVEYTASK2SURVEYS_REV_REFS			X	
SURVEYTASK_CROSSTABULATION			X	
SURVEYTASK_EXCELREPORT_ANSWERDETAIL			X	
SURVEYTASK_EXCELREPORT_SCOREDETAIL			X	
SURVEYTASK_RESULT_SUMMARY			X	
SURVEYTASK_SCORE			X	
SURVEYTASK_SCORECOMPARISON			X	
SURVEY_CROSSTABULATION			X	
SURVEY_EXCELREPORT_ANSWERDETAIL			X	
SURVEY_EXCELREPORT_SCOREDETAIL			X	
SURVEY_RESULT_SUMMARY			X	
SURVEY_SCORE			X	
SURVEY_SCORECOMPARISON			X	
TASKITEM	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
TESTACTION2DEFICIENCY_REFS			X	
TESTACTION2RECOMMENDATIONS_SEL			X	
TESTACTIONEXTERNALAUDITOR			X	
TESTACTIONREVIEWER			X	
TESTACTIONTESTER			X	
TESTCASE2CONTROLEXECUTIONS			X	
TESTCASE2QUESTIONNAIRES			X	
TESTCASE2SURVEYS			X	
TESTDEFINITION2CONTROL			X	
TESTDEFINITION2QUESTIONNAIRESTATISTICLIST			X	
TESTDEFINITION2RISK			X	
TESTDEFINITION2TESTACTION			X	
TESTDEFINITION_OWNERGROUP_SEL			X	
TEST_DEFINITION2QUESTIONNAIRES			X	
TEST_DEFINITION2QUESTIONNAIRESFORWARDLIST			X	
UPDATEABLETESTACTIONS			X	
USER2USERGROUP_REV_REFS			X	
USER2USERGROUP_REV_SEL			X	
USERGROUP_RELATIONS			X	
USERPROFILE	X			
USERROLE_TYPE_SUBSCRIPTIONMANAGER	X			
XL_INSERT_PICTURE_EXPAND_COLUMN	X			
XL_INSERT_PICTURE_EXPAND_ROW	X			
XL_INSERT_PICTURE_EXPAND_ROW_AND_COLUMN	X			
XL_INSERT_PICTURE_OVERLAY	X			

8.2 Methods

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ARCMUser	X			
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) -> void				X
DeprecatedOutputMethods.WriteReport(String) -> void				X
DeprecatedOutputMethods.WriteReport(String,String) -> void				X
DialogObject.DialogControlXYZ_cellEdited(int,int) -> void	X			
DoubleValue	X			
EvaluationDataSource			X	
ExtModelOptions.exportOptions() -> byte[]			X	
ExtModelOptions.importOptions(byte[]) -> boolean			X	
Group.GetDefaultSymbolNum() -> int (also available in Publisher)			X	
GroupInfo			X	
GuidValue	X			
HierarchyDefinition	X			
HierarchyStructure	X			
HumanTaskAssignmentFilter	X			
HumanTaskAssignmentWrapper	X			
HumanTaskFilter	X			
HumanTaskWrapper	X			
IProperty	X			

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

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

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

9 Changes from 9.8 SR7 to 9.8 SR8

This document describes the report script language differences between ARIS 9.8 SR7 and ARIS 9.8 SR8.

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

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

10 Changes from 9.8 SR6 to 9.8 SR7

This document describes the report script language differences between ARIS 9.8 SR6 and ARIS 9.8 SR7 .

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

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

10.1 Constants

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
Missing access right				
AT_DMN_BUILTIN_AGGREGATOR	X			
AT_DMN_HIT_POLICY	X			
AT_TEXT_ANNOTATIONS	X			
AVT_DMN_HIT_POLICY_ANY	X			
AVT_DMN_HIT_POLICY_COLLECT	X			
AVT_DMN_HIT_POLICY_FIRST	X			
AVT_DMN_HIT_POLICY_OUTPUT_ORDER	X			
AVT_DMN_HIT_POLICY_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			
Connection type				
CT_DMN_ALLOWS_ENTRY	X			
CT_DMN_AUTHORITY_REQ	X			
CT_DMN_CALLS	X			
CT_DMN_HAS_AS_OUTPUT	X			
CT_DMN_HAS_PARAMETER	X			
CT_DMN_INFO_REQ	X			
CT_DMN_IS_BOUND_TO	X			

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

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
LT_DMN_BINDING	X			
LT_DMN_BINDING_EXPRESSIONS	X			
LT_DMN_DERIVATION	X			
LT_DMN_EXPECTED_ENTRIES	X			
LT_DMN_HEADER	X			
LT_DMN_INFO_ITEM	X			
LT_DMN_INPUT	X			
LT_DMN_INVOKED_EXPRESSION	X			
LT_DMN_OUTPUT	X			
LT_DMN_PARAMETERS	X			
LT_DMN_RULE	X			
Model type				
MT_DMN_CALLED_FUNCTION	X			
MT_DMN_CONTEXT_DIAGRAM	X			
MT_DMN_DECISION_REQUIREMENTS_DIAGRAM	X			
MT_DMN_DECISION_TABLE_MODEL	X			
MT_DMN_INVOCATION_MODEL	X			
Symbol type				
ST_DMN_ABSTRACT_STATE	X			
ST_DMN_BINDING_EXPRESSION	X			
ST_DMN_BUSINESS_KNOWLEDGE_MOD	X			
ST_DMN_CASE	X			
ST_DMN_DECISION	X			
ST_DMN_DECISION_SERVICE	X			
ST_DMN_DEFAULT_OUTPUT_ENTRY	X			
ST_DMN_EXPRESSION	X			
ST_DMN_EXPRESSION_1	X			
ST_DMN_GENERIC_DECISION_SERVICE	X			
ST_DMN_INPUT_CONCRETE_STATE	X			
ST_DMN_INPUT_DATA	X			
ST_DMN_INPUT_ENTRY	X			
ST_DMN_INPUT_EXPRESSION	X			
ST_DMN_INPUT_OUTPUT_DECISION_SERVICE	X			
ST_DMN_KNOWLEDGE_SOURCE	X			
ST_DMN_OUTPUT_COMPONENT	X			

New/changed/removed/deprecated constants	New	Changed	Removed	Deprecated
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) -> ContextResponse	X			

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

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_ARCMEnumerations.htm

http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMEvaluations.htm

http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMJobStatus.htm

http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMLists.htm

http://localhost/abs/help/en/script/ba/index.htm#report_CONSTANTS_ARCMObjectTypes.htm

The output object now supports odd/even section definitions:

SECTION_EVEN (ArisSectionConstants)

SECTION_ODD (ArisSectionConstants)

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
GroupInfo	X			
HeaderCell	X			
HeaderInfo	X			
Iterable	X			
ListDataSource	X			
ListViewObject	X			
ReportDataSource	X			
ReportFilterableDataSource	X			
ReportIcon	X			
ReportService	X			
ReportValue	X			
UserInfo	X			
New report component DataQuery to execute fast database queries				
DataQueryFactory	X			
QueryTree	X			
Result	X			
ResultTree	X			
New report component "AlfabetIntegration" to automate the import functionality from Alfabet				
AlfabetIntegration.importTables(Group,String[]) -> boolean	X			
AlfabetIntegration.isAvailable(Database) -> boolean	X			
AlfabetIntegration.removeAll(Database,int) -> boolean	X			
AlfabetIntegration.synchronize(Database,int) -> boolean	X			
New standard report API methods				
XlsSheet.insertCellPicture(int,int,byte[],int,double,double) -> void	X			
ComObjOcc.setPicture(byte[],String) -> boolean (Defines/overwrites the picture in a model)	X			
Model.canWrite(boolean bCheckAccessPermissions) -> boolean (Checks whether the model can be changed by the current report)	X			
Model.createPicture(int,int,int,int,byte[],String) -> ComObjOcc (Adds a new picture to a model)	X			
ModelOptions.getLayoutParameters(int) -> LayoutParameters (Returns the layout parameters for a model type)	X			
ServerAdmin.renameDatabase(String,String,boolean) -> boolean (Renames a database)	X			
UmcPrivilege.getAssignedSeats() -> Long	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UmUsergroup.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 the report script language differences between ARIS 7.2.4 and ARIS 9.8 SR4.

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

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

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

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

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

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

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
CxnDef.getOutgoingLinks() -> Link[]	X			
CxnDef.getTimeOfCreation() -> ATimeStamp	X			
CxnDef.getTimeOfLastModification() -> ATimeStamp	X			
CxnDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
CxnDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
CxnDef.toExtCxnDefs() -> ExtCxnDef[]			X	
CxnDef.OID() -> int[]				X
CxnLineStyle.getColor() -> Color	X			
CxnLineStyle.getStyle() -> int	X			
CxnLineStyle.getWidth() -> int	X			
CxnLineStyle.isDefault() -> boolean	X			
CxnLineStyle.setColor(Color) -> void	X			
CxnLineStyle.setColorValue(int) -> void	X			
CxnLineStyle.setDefault() -> void	X			
CxnLineStyle.setStyle(int) -> void	X			
CxnLineStyle.setWidth(int) -> void	X			
CxnOcc.getDefinition() -> CxnDef (also available in Publisher)	X			
CxnOcc.getIncomingLinks() -> Link[]	X			
CxnOcc.getLineStyle() -> CxnLineStyle (also available in Publisher)	X			
CxnOcc.getLinks() -> Link[]	X			
CxnOcc.getOutgoingLinks() -> Link[]	X			
CxnOcc.getPoints() -> Point[] (also available in Publisher)	X			
CxnOcc.getSource() -> ObjOcc (also available in Publisher)	X			
CxnOcc.getTarget() -> ObjOcc (also available in Publisher)	X			
CxnOcc.setLineStyle(CxnLineStyle) -> boolean	X			
CxnOcc.setPoints(Point[]) -> boolean	X			
CxnOcc.CxnDef() -> CxnDef (also available in Publisher)				X
CxnOcc.GetLine() -> int[] (also available in Publisher)				X
CxnOcc.PointList() -> Point[] (also available in Publisher)				X
CxnOcc.SetPointList(Point[]) -> boolean				X
CxnOcc.SourceObjOcc() -> ObjOcc (also available in Publisher)				X
CxnOcc.SetPointList(Point[]) -> boolean				X
CxnOcc.SourceObjOcc() -> ObjOcc (also available in Publisher)				X
CxnOcc.ObjectID(int) -> String (also available in Publisher)			X	

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

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

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

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Group.TypeNum() -> int	X			
Group.UnlinkVariant(ObjDef) -> boolean	X			
Group.Variants() -> ObjDef[] (also available in Publisher)	X			
Group.Variants(Group[]) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int[]) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int[],int) -> ObjDef[] (also available in Publisher)	X			
Group.getConnectedObjs(int[],int,int[]) -> ObjDef[] (also available in Publisher)	X			
Group.getCreator() -> String	X			
Group.getDefaultSymbolGUID() -> String (also available in Publisher)	X			
Group.getDefaultSymbolNum() -> int (also available in Publisher)	X			
Group.getDuration(int,Date,int) -> Date (also available in Publisher)	X			
Group.getEndDate(int,int,int) -> Date (also available in Publisher)	X			
Group.getIncomingLinks() -> Link[]	X			
Group.getLastModifier() -> String	X			
Group.getLinks() -> Link[]	X			
Group.getLockOwner() -> String	X			
Group.getNextWorkingDate(int,int) -> Date (also available in Publisher)	X			
Group.getOutgoingLinks() -> Link[]	X			
Group.getReorgMark() -> int	X			
Group.getSubTypeNum() -> int (also available in Publisher)	X			
Group.getTimeOfCreation() -> ATimeStamp	X			
Group.getTimeOfLastModification() -> ATimeStamp	X			
Group.setDefaultSymbolGUID(String,boolean) -> boolean	X			
Group.setDefaultSymbolNum(int,boolean) -> boolean	X			
Group.setReorgMark(int) -> boolean	X			
Group.setSubTypeNum(int) -> boolean	X			
Item.getCreator() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Item.getLastModifier() -> String	X			
Item.getTimeOfCreation() -> ATimeStamp	X			
Item.getTimeOfLastModification() -> ATimeStamp	X			
Item.OID() -> int[]				X
Label.Database() -> Database (also available in Publisher)	X			
Label.IsValid() -> boolean (also available in Publisher)	X			
Label.getDefiningOccurrence() -> Occ	X			
Label.getFontStyleSheet() -> FontStyle	X			
Label.getHeight() -> int	X			
Label.getRotation() -> short	X			
Label.getTypeNum() -> int	X			
Label.getWidth() -> int	X			
Label.getX() -> int	X			
Label.getY() -> int	X			
Lane.getCreator() -> String	X			
Lane.getLastModifier() -> String	X			
Lane.getTimeOfCreation() -> ATimeStamp	X			
Lane.getTimeOfLastModification() -> ATimeStamp	X			
Lane.OID() -> int[]				X
Link.Database() -> Database	X			
Link.IsValid() -> boolean	X			
Link.ObjectID() -> String	X			
Link.getLinkDataGUID() -> String	X			
Link.getLinkKind() -> int	X			
Link.getLinkRules() -> LinkRule[]	X			
Link.getLinkSource() -> ArisObject	X			
Link.getLinkTarget() -> ArisObject	X			
Link.getLinkType() -> LinkType	X			
Used by Visio import component				
Mapping.findDrawingTypeByAlias(String) -> String	X			
Mapping.getAllUsedSymbols() -> int[]	X			
Mapping.getCxnType(String,String) -> int	X			
Mapping.getDrawingTypeNameMap(String) -> HashMap	X			
Mapping.getFallbackCxnType(ObjOcc,ObjOcc,int) -> int	X			
Mapping.getModelTypeByVisioTemplate(String) -> int	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Mapping.getSourceType() -> String	X			
Mapping.getSymbolByNameU(String) -> int	X			
Mapping.initMapping(String) -> boolean	X			
Matrix.Graphic(boolean,boolean,int,boolean) -> ModelPicture (also available in Publisher)	X			
Matrix.ObjDefListBySymbols(int[]) -> ObjDef[] (also available in Publisher)	X			
Matrix.getCreator() -> String	X			
Matrix.getIncomingLinks() -> Link[]	X			
Matrix.getLastModifier() -> String	X			
Matrix.getLinks() -> Link[]	X			
Matrix.getLockOwner() -> String	X			
Matrix.getOutgoingLinks() -> Link[]	X			
Matrix.getTimeOfCreation() -> ATimeStamp	X			
Matrix.getTimeOfLastModification() -> ATimeStamp	X			
Matrix.OID() -> int[]	X			
Matrix.AddBusinessCase(Model) -> boolean			X	
Matrix. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Po int[]) -> ExtCxnOcc			X	
Matrix. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Po int[],boolean) -> ExtCxnOcc			X	
Matrix.OriginalModel() -> Model			X	
MatrixCxnDef.getCreator() -> String	X			
MatrixCxnDef.getIncomingLinks() -> Link[]	X			
MatrixCxnDef.getLastModifier() -> String	X			
MatrixCxnDef.getLinks() -> Link[]	X			
MatrixCxnDef.getOutgoingLinks() -> Link[]	X			
MatrixCxnDef.getTimeOfCreation() -> ATimeStamp	X			
MatrixCxnDef.getTimeOfLastModification() -> ATimeStamp	X			
MatrixCxnDef.OID() -> int[]	X			X
MatrixCxnDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
MatrixCxnDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
MatrixCxnDef.toExtCxnDefs() -> ExtCxnDef[]			X	
MergeBaseOptions			X	

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
MethodFilter.AttrGroupChildren(int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrGroupChildren(int,int,int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrGroupParents(int) -> int[] (also available in Publisher)	X			
MethodFilter.AttrSymbols(int) -> int[]	X			
MethodFilter.AttrTypesOfAttrGroup(int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrTypesOfAttrGroup(int,int,int,boolean) -> int[] (also available in Publisher)	X			
MethodFilter.AttrValueSymbol(int,int) -> Integer	X			
MethodFilter.SymbolGraphic(int,String,boolean) -> PictureBase	X			
MethodFilter.fromAPIName(String) -> int	X			
MethodFilter.getMetamodelItems(int,int) -> int[] (also available in Publisher)	X			
MethodFilter.getMetamodelName(int) -> String (also available in Publisher)	X			
MethodFilter.getMetamodels() -> int[] (also available in Publisher)	X			
MethodFilter.getMethodLocale() -> int (also available in Publisher)	X			
MethodFilter.getMethodLocales() -> MethodLocale[]	X			
MethodFilter.isUniqueCxn(int,int,int) -> int (also available in Publisher)	X			
Model.Graphic(boolean,boolean,int,boolean) -> ModelPicture (also available in Publisher) (additional last parameter)			X	
Model.ObjDefListBySymbols(int[]) -> ObjDef[] (also available in Publisher)	X			
Model.getCreator() -> String	X			
Model.getIncomingLinks() -> Link[]	X			
Model.getLastModifier() -> String	X			
Model.getLinks() -> Link[]	X			
Model.getLockOwner() -> String	X			
Model.getOutgoingLinks() -> Link[]	X			
Model.getTimeOfCreation() -> ATimeStamp	X			
Model.getTimeOfLastModification() -> ATimeStamp	X			
Model.OID() -> int[]				X
Model.AddBusinessCase(Model) -> boolean			X	

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
Model.OriginalModel() -> Model			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[]) -> ExtCxnOcc			X	
Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[],boolean) -> ExtCxnOcc			X	
ModelGenerationOptions.hideProcessInterfacesSpecial(boolean) -> void	X			
ModelGenerationOptions.setOnlyOneSatelliteTypeInHeader(long) -> void	X			
ModelPicture.getPictureTiled(int,int,String) -> PictureBase[] (also available in Publisher)	X			
ModelShortcut.getCreator() -> String	X			
ModelShortcut.getLastModifier() -> String	X			
ModelShortcut.getTimeOfCreation() -> ATimestamp	X			
ModelShortcut.getTimeOfLastModification() -> ATimestamp	X			
ModelShortcut.OID() -> int[]				X
MultiDefCxnOcc.AttrOcc(int) -> AttrOcc (also available in Publisher)	X			
MultiDefCxnOcc.AttrOccList() -> AttrOcc[] (also available in Publisher)	X			
MultiDefCxnOcc.Database() -> Database (also available in Publisher)	X			
MultiDefCxnOcc.IsEqual(ArisObject) -> boolean (also available in Publisher)	X			
MultiDefCxnOcc.IsValid() -> boolean (also available in Publisher)	X			
MultiDefCxnOcc.KindNum() -> int (also available in Publisher)	X			
MultiDefCxnOcc.Model() -> Model (also available in Publisher)	X			
MultiDefCxnOcc.ObjectID() -> String (also available in Publisher)	X			
MultiDefCxnOcc.Remove() -> boolean	X			
MultiDefCxnOcc.Remove(boolean) -> boolean	X			
MultiDefCxnOcc.getActive() -> boolean	X			
MultiDefCxnOcc.getDefinition() -> ConnectableDef	X			
MultiDefCxnOcc.getFontStyleSheet() -> FontStyle	X			
MultiDefCxnOcc.getIncomingLinks() -> Link[]	X			
MultiDefCxnOcc.getLabels() -> Label[]	X			
MultiDefCxnOcc.getLineStyle() -> CxnLineStyle	X			
MultiDefCxnOcc.getLinks() -> Link[]	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
MultiDefCxnOcc.getMultiDefCxnOccs(boolean,boolean) -> MultiDefCxnOcc[]	X			
MultiDefCxnOcc.getOutgoingLinks() -> Link[]	X			
MultiDefCxnOcc.getParticipants() -> ConnectableDef[]	X			
MultiDefCxnOcc.getPoints() -> Point[]	X			
MultiDefCxnOcc.getSource() -> Occ	X			
MultiDefCxnOcc.getSymbolNum() -> int	X			
MultiDefCxnOcc.getTarget() -> Occ	X			
MultiDefCxnOcc.getZOrder() -> int (also available in Publisher)	X			
MultiDefCxnOcc.setActive(boolean) -> boolean	X			
MultiDefCxnOcc.setZOrder(int) -> boolean	X			
class NodeSymbol			X	
ObjDef.getCreator() -> String	X			
ObjDef.getIncomingLinks() -> Link[]	X			
ObjDef.getLastModifier() -> String	X			
ObjDef.getLinks() -> Link[]	X			
ObjDef.getLockOwner() -> String	X			
ObjDef.getOutgoingLinks() -> Link[]	X			
ObjDef.getTimeOfCreation() -> ATimeStamp	X			
ObjDef.getTimeOfLastModification() -> ATimeStamp	X			
ObjDef.Shortcuts() -> Item[]		X		
ObjDef.OID() -> int[]				X
ObjDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
ObjDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
ObjDef.toExtCxnDefs() -> ExtCxnDef[]			X	
ObjDefShortcut.getCreator() -> String	X			
ObjDefShortcut.getLastModifier() -> String	X			
ObjDefShortcut.getTimeOfCreation() -> ATimeStamp	X			
ObjDefShortcut.getTimeOfLastModification() -> ATimeStamp	X			
ObjDefShortcut.OID() -> int[]				X
ObjOcc.getEmbeddedObjOccs(int[]) -> ObjOcc[]	X			
ObjOcc.getIncomingLinks() -> Link[]	X			
ObjOcc.getLabels() -> Label[]	X			
ObjOcc.getLinks() -> Link[]	X			
ObjOcc.getMultiDefCxnOccs(boolean,boolean) -> MultiDefCxnOcc[]	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ObjOcc.getOutgoingLinks() -> Link[]	X			
ObjOcc.AddBusinessOcc(ObjOcc) -> boolean			X	
ObjOcc.BusinessOccs() -> ObjOcc[]			X	
ObjOcc.ObjectID(int) -> String (also available in Publisher)			X	
ObjOcc.OriginalOcc() -> ObjOcc			X	
ObjOcc.fromExtCxnOccs() -> ExtCxnOcc[]			X	
ObjOcc.toExtCxnOccs() -> ExtCxnOcc[]			X	
exception ObjectException			X	
Occ.getIncomingLinks() -> Link[]	X			
Occ.getLinks() -> Link[]	X			
Occ.getOutgoingLinks() -> Link[]	X			
Occ.ObjectID(int) -> String (also available in Publisher)			X	
OutputObjectException			X	
PCA_DATA.assignSmartinputPermission(ABOUser) -> void	X			
signature PCA_DATA. createSystemUser(String,String,String,AUserGroupDTO) -> ABOUser		X		
signature PCA_DATA. createUser(String,String,int,String,AUserGroupDTO) -> ABOUser		X		
Picture.Insert(Picture,int,int) -> boolean	X			
Picture.getImageData(String) -> byte[]	X			
Picture.Save(String) -> boolean				X
Polygon.get3DEffect() -> boolean (also available in Publisher)	X			
Polygon.set3DEffect(boolean) -> boolean	X			
Process.deployOrgchart(Database,String) -> DeployResult	X			
Used of Visio import API				
ReportBPMNSupport.getBPMNModelTypes() -> int[]	X			
ReportBPMNSupport.isBPMNModelType(int) -> boolean	X			
ReportBPMNSupport.postProcessBPMN(Model,boolean,boolean) - > boolean	X			
exception ReportExecutionException			X	
exception ReportObjectException			X	
ReportScheduler.deleteSchedules(ArisObject,String[]) -> boolean	X			
ReportScheduler.getSchedules(ArisObject) -> String[]	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ReportScheduler.getSchedulesForDatabaseUser(Database,boolean) -> String[]	X			
ReportScheduler.setScheduleActivation(Database,String[],boolean) -> void	X			
RoundedRectangle.get3DEffect() -> boolean (also available in Publisher)	X			
RoundedRectangle.set3DEffect(boolean) -> boolean				
RunResult.getMessage() -> List	X			
ScriptAdmin report API				
ScriptAdmin.createCategory(int,int,String) -> String	X			
ScriptAdmin.deleteCategory(int,String) -> boolean	X			
ScriptAdmin.deleteScript(int,String) -> boolean	X			
ScriptAdmin.exportFile(int,String,String) -> ZipEntry	X			
ScriptAdmin.exportScript(int,String,String[]) -> byte[]	X			
ScriptAdmin.getCategories(int,int) -> ScriptCategoryRI[]	X			
ScriptAdmin.getCategoryNames(int,String) -> Map	X			
ScriptAdmin.getScriptComponents() -> ScriptComponentInfoRI[]	X			
ScriptAdmin.getScriptInfos(int,String,int) -> ScriptInfoRI[]	X			
ScriptAdmin.importFile(int,String,String,byte[]) -> String	X			
ScriptAdmin.importScript(int,String,byte[],String[]) -> String	X			
ScriptAdmin.renameCategory(int,String,int,String) -> boolean	X			
ScriptAdmin.unzip(byte[]) -> byte[]	X			
ScriptAdmin.zip(byte[]) -> byte[]	X			
ScriptCategory.getCategoryID() -> String	X			
ScriptCategory.getComponentID() -> int	X			
ScriptCategory.getName() -> String	X			
ScriptComponentInfo.getComponentID() -> int	X			
ScriptComponentInfo.getComponentName() -> String	X			
ScriptInfo.getDescription() -> String	X			
ScriptInfo.getID() -> String	X			
ScriptInfo.getImports() -> String[]	X			
ScriptInfo.getName() -> String	X			
ScriptInfo.isSimpleFile() -> boolean	X			
ServerAdmin.backupDatabase(Database) -> byte[]	X			
ServerAdmin.backupDatabase(Database,File) -> boolean	X			
ServerAdmin.countDbItems(Database,int[]) -> DbInfo	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
ServerAdmin.createArisDatabase(String,boolean) -> boolean		X		
ServerAdmin.reorganiseArisDatabase(Database,String) -> int	X			
ServerAdmin.reorganiseArisDatabase(Database,String,Collection) -> int	X			
ServerAdmin.restoreDatabase(File,String) -> boolean	X			
ServerAdmin.restoreDatabase(byte[],String) -> boolean	X			
class Symbol			X	
TextDef.getCreator() -> String	X			
TextDef.getLastModifier() -> String	X			
TextDef.getTimeOfCreation() -> ATimeStamp	X			
TextDef.getTimeOfLastModification() -> ATimeStamp	X			
TextDef.OID() -> int[]				X
TextOcc.getIncomingLinks() -> Link[]	X			
TextOcc.getLinks() -> Link[]	X			
TextOcc.getOutgoingLinks() -> Link[]	X			
result type TextOcc.setDisplayAsPostIt(boolean) -> boolean		X		
TextOcc.ObjectID(int) -> String (also available in Publisher)			X	
UML2 scripting				
Omf*	X			
OmfScripting*	X			
Uml2Scripting*	X			
UML 1.x scripting				
class UmlEdgePresentation			X	
class UmlNodePresentation			X	
class UmlPresentation			X	
class UmlReport			X	
class UmlScripting			X	
class UmlScriptingException			X	
UMC report component interface				
UMC.getAllLicenses() -> List	X			
UMC.getAllPrivileges(boolean,boolean) -> List	X			
UMC.getAllUsergroups() -> List	X			
UMC.getAllUsers() -> List	X			
UMC.getAssignedUsergroupsForUser(UmcUser) -> List	X			
UMC.getAssignedUsergroupsForUserName(String) -> List	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UMC.getAssignedUsersForUsergroup(UmcUsergroup) -> List	X			
UMC.getAssignedUsersForUsergroupName(String) -> List	X			
UMC.getCurrentUser() -> UserWrapper	X			
UMC.getPrivilegesForUser(UmcUser,boolean,boolean,boolean) -> List	X			
UMC.getPrivilegesForUserName(String,boolean,boolean,boolean) -> List	X			
UMC.getPrivilegesForUsergroup(UmcUsergroup,boolean,boolean) -> List	X			
UMC.getPrivilegesForUsergroupName(String,boolean,boolean) -> List	X			
UMC.getSessionsForUser(UmcUser) -> List	X			
UMC.getSessionsForUserName(String) -> List	X			
UMC.getUserById(String) -> UserWrapper	X			
UMC.getUserByName(String) -> UserWrapper	X			
UMC.getUsergroupById(String) -> UsergroupWrapper	X			
UMC.getUsergroupByName(String) -> UsergroupWrapper	X			
UMC.getUsergroupsForPrivilegeQualifier(String) -> List	X			
UMC.getUsersForPrivilegeQualifier(String) -> List	X			
UmcLicense.compareTo(Object) -> int	X			
UmcLicense.getConsumedSeats() -> long	X			
UmcLicense.getExpirationDate() -> String	X			
UmcLicense.getFreeSeats() -> long	X			
UmcLicense.getName() -> String	X			
UmcLicense.getPrivilege() -> PrivilegeWrapper	X			
UmcLicense.getProduct() -> ProductWrapper	X			
UmcLicense.getQuantity() -> long	X			
UmcLicense.getType() -> String	X			
UmcPrivilege.compareTo(Object) -> int	X			
UmcPrivilege.getDisplayName() -> String	X			
UmcPrivilege.getId() -> String	X			
UmcPrivilege.getName() -> String	X			
UmcPrivilege.isLicensePrivilege() -> boolean	X			
UmcProduct.getCode() -> String	X			
UmcProduct.getName() -> String	X			
UmcProduct.getParent() -> ProductWrapper	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UmcSession.getCreated() -> String	X			
UmcUser.compareTo(Object) -> int	X			
UmcUser.getAttributes() -> Map	X			
UmcUser.getCreated() -> String	X			
UmcUser.getDescription() -> String	X			
UmcUser.getEmail() -> String	X			
UmcUser.getFirstName() -> String	X			
UmcUser.getId() -> String	X			
UmcUser.getLDAPDN() -> String	X			
UmcUser.getLastName() -> String	X			
UmcUser.getName() -> String	X			
UmcUser.getPhone() -> String	X			
UmcUser.isLDAP() -> boolean	X			
UmcUsergroup.compareTo(Object) -> int	X			
UmcUsergroup.getAttributes() -> Map	X			
UmcUsergroup.getCreated() -> String	X			
UmcUsergroup.getDescription() -> String	X			
UmcUsergroup.getId() -> String	X			
UmcUsergroup.getLDAPDN() -> String	X			
UmcUsergroup.getName() -> String	X			
UmcUsergroup.isLDAP() -> boolean	X			
The standard report "User" object				X
User.IsAssigned() -> boolean	X			
User.getCreator() -> String	X			
User.getCustomAttribute(String) -> String	X			
User.getCustomAttributes() -> Map	X			
User.getLastModifier() -> String	X			
User.getTimeOfCreation() -> ATimeStamp	X			
User.getTimeOfLastModification() -> ATimeStamp	X			
User.setCustomAttribute(String,String) -> boolean	X			
User.OID() -> int[]				X
The standard report "UserGroup" object				X
UserGroup.IsAssigned() -> boolean	X			
UserGroup.getCreator() -> String	X			
UserGroup.getCustomAttribute(String) -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
UserGroup.getCustomAttributes() -> Map	X			
UserGroup.getLastModifier() -> String	X			
UserGroup.getTimeOfCreation() -> ATimeStamp	X			
UserGroup.getTimeOfLastModification() -> ATimeStamp	X			
UserGroup.setCustomAttribute(String,String) -> boolean	X			
UserGroup.OID() -> int[]				X
Part of visio import API				
VAnnotation.toString() -> String	X			
VConnect.getFromCell() -> String	X			
VConnect.getFromPart() -> String	X			
VConnect.getFromSheet() -> String	X			
VConnect.getToCell() -> String	X			
VConnect.getToPart() -> String	X			
VConnect.getToSheet() -> String	X			
VConnect.toString() -> String	X			
VGeometry.getElement() -> Element	X			
VGeometry.getEllipse() -> List	X			
VGeometry.getLineTo() -> List	X			
VGeometry.getMoveTo() -> List	X			
VGeometry.getNamespace() -> Namespace	X			
VGeometry.toString() -> String	X			
VIS_Master.addShapeOfMaster(String,String,String,int) -> void	X			
VIS_Master.addShapesOfMaster(List) -> void	X			
VIS_Master.getAllShapesOfMaster() -> HashMap	X			
VIS_Master.getMasterID() -> String	X			
VIS_Master.getMasterNameU() -> String	X			
VIS_Master.getMasterReadableName() -> String	X			
VIS_Master.getMasterSymbolNum() -> int	X			
VIS_Master.getMasterUniqueID() -> String	X			
VIS_Master.getShapeNameUOfMasterByShapeID(String) -> String	X			
VIS_Master.getShapeSymbolNumOfMasterShapeByShapeID(String) -> int	X			
VIS_Master.isIsHidden() -> boolean	X			
VIS_Master.toString() -> String	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
VIS_MasterShape.getID() -> String				
VIS_MasterShape.getName() -> String	X			
VIS_MasterShape.getNameU() -> String	X			
VIS_MasterShape.getSymbolNum() -> int	X			
VIS_MasterShape.toString() -> String	X			
VIS_PointOfReference.applyScale(double) -> double	X			
VIS_PointOfReference.applyScale(double,String) -> double	X			
VIS_PointOfReference.copy() -> VIS_PointOfReference	X			
VIS_PointOfReference.getArisPosition(VisioLoader,VShape) -> Point	X			
VIS_PointOfReference.getLinePoint(Point2D\$Double) -> Point	X			
VIS_PointOfReference.initPointRef(VisioLoader,VShape,boolean) -> void	X			
VIS_PointOfReference.toString() -> String	X			
VName.getName() -> String	X			
VName.getNameU() -> String	X			
VName.toString() -> String	X			
VPage.getName() -> String	X			
VPage.getNameU() -> String	X			
VPage.getPageElement() -> Element	X			
VPage.name() -> String	X			
VPage.toString() -> String	X			
VShape.getID() -> String	X			
VShape.getMaster() -> String	X			
VShape.getNameU() -> String	X			
VShape.getShapeElement() -> Element	X			
VShape.getText() -> String	X			
VShape.getType() -> String	X			
VShape.name() -> String	X			
VShape.toString() -> String	X			
VShapeSize.toString() -> String	X			
VisioLoader.createNewVisPointOfReference(VPage) -> VIS_PointOfReference	x			
VisioLoader.destroy() -> void	X			
VisioLoader.getAlignH(VShape) -> int	X			
VisioLoader.getAlignV(VShape) -> int	X			

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
VisioLoader.getChildShapes(VPage) -> VShape[]	X			
VisioLoader.getChildShapes(VShape) -> VShape[]	X			
VisioLoader.getChildrenRecursive(VPage,String) -> Map	X			
VisioLoader.getColor(String) -> Integer	X			
VisioLoader.getConnects(VPage) -> VConnect[]	X			
VisioLoader.getFileName() -> String	X			
VisioLoader.getHeight(VShape) -> double	X			
VisioLoader.getHyperlink(VShape) -> String	X			
VisioLoader.getLinePoints(VShape,VIS_PointOfReference) -> Point[]	X			
VisioLoader.getMasterMapping(Mapping) -> Map	X			
VisioLoader.getMasterShapeRootShapes(String) -> VShape[]	X			
VisioLoader.getPageAnnotations(VPage) -> VAnnotation[]	X			
VisioLoader.getPageHeight(VPage) -> String	X			
VisioLoader.getPageNames() -> VName[]	X			
VisioLoader.getPageShapes(VPage) -> VShape[]	X			
VisioLoader.getPages() -> VPage[]	X			
VisioLoader.getPositionLocPin(VShape) -> Point2D\$Double	X			
VisioLoader.getPositionPin(VShape) -> Point2D\$Double	X			
VisioLoader.getReviewers() -> HashMap	X			
VisioLoader.getShapeFillBkgnd(VShape) -> String	X			
VisioLoader.getShapeFillForeground(VShape) -> String	X			
VisioLoader.getShapeFillPattern(VShape) -> String	X			
VisioLoader.getShapeGeometry(VShape) -> VGeometry	X			
VisioLoader.getShapeLineColor(VShape) -> String	X			
VisioLoader.getShapeLinePattern(VShape) -> String	X			
VisioLoader.getShapeLineRounding(VShape) -> String	X			
VisioLoader.getShapeProperties(VShape) -> HashMap	X			
VisioLoader.getShapeProperty(VShape,String) -> String	X			
VisioLoader.getShapeSize(VShape) -> VShapeSize	X			
VisioLoader.getUsedTemplate() -> String	X			
VisioLoader.isShapeFreeFormText(VShape) -> boolean	X			
VisioLoader.setUsedTemplate(String) -> void			X	
Versioning.archiveItems(ArisObject[],String,VersioningOptions,boolean) -> int			X	

New/changed/removed/deprecated methods	New	Changed	Removed	Deprecated
XMLExport.createDefaultXMLExportRootOptions(Group,int[]) -> XMLExportOptionsWrapper			X	
XlsSheet.setPageSize(MediaSizeFormat) -> void	X			
ZipEntry.getData() -> byte[]	X			
ZipEntry.getName() -> String				
ArisData.GetDatabaseNames(String) -> String[]	X			
ArisData.getTenantName() -> String	X			
ArisData.openDatabase(String,String,int) -> Database	X			
ArisData.openDatabase(String,String,int,boolean) -> Database	X			
ArisData.openDatabaseVersion(String,String,int,int) -> Database	X			
ArisData.openDatabaseVersion(String,String,int,int,boolean) -> Database	X			
ArisData.createConfigurationFilter(String,int,String,String,boolean) -> ConfigurationFilterAccess				X
Context.deleteFile(String,int) -> boolean. Deletes a "file" controlled by the report environment	X			
Context.getTempPath() -> String (also available in Publisher)			X	

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.

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

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If you have no account, you can use many 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.

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- To submit feature/enhancement requests, get information about product availability, and download products, go to Products.

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