

ARIS

REPORT SCRIPT

CHANGES



ARIS 10.0 SR2
October 2017

For migrating your ARIS report scripts from ARIS 7 to ARIS 9, please refer to ARIS Report Script Changes from ARIS 7.2.4 to ARIS 9.8 SR4. This document outlines changes between ARIS 9.8 SR4 and 9.8 SR6. All changes from ARIS 9.8 SR6 to ARIS 9.8 SR7, ARIS 9.8 SR7 to ARIS 9.8 SR8, ARIS 9.8 SR6 to ARIS 10.0 and ARIS 10.0 to ARIS 10.0 SR2 are listed in this document as well.

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This document describes the report script language differences between:

- *ARIS 10.0 and ARIS 10.0 SR2*
- *ARIS 9.8 SR6 and 10.0*
- *ARIS 9.8 SR7 and 9.8 SR8*
- *ARIS 9.8 SR6 and 9.8 SR7*
- *ARIS 9.8 SR4 and 9.8 SR6*
- *ARIS 7.2.4 and 9.8 SR4*

In most cases, the removed methods can still be called, but they no longer have any function and should be removed/replaced from/in the script.

The deprecated methods should not be used any longer. They have been replaced by functions that are more suitable in ARIS 9.

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

Some attributes that exist for the most items, such as creator, time of creation, last modifier and time of last modification, are now directly accessible via methods as item properties.

Please note, the report scripts themselves are no longer on the server's file system. Instead they are stored in a database. This is so all script import/export/delete operations have only an effect on the (system) database content and do not touch the file system.

Changes from 10.0 to 10.0 SR2

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

In most cases, the removed methods can still be called, but they have no function any more and should be removed/replaced.

The deprecated methods should not be used any more. They are replaced by functions which are more suitable in ARIS 10.

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

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant AT_AGE	X			
constant AT_ANY_ATTRIBUTES	X			
constant AT_CUMULOCITY_ATG	X			
constant AT_CUMULOCITY_TYPE	X			
constant AT_DESC_IMAGE_LINK_1	X			
constant AT_DESC_IMAGE_LINK_2	X			
constant AT_DESC_IMAGE_LINK_3	X			
constant AT_DESC_IMAGE_TITLE_1	X			
constant AT_DESC_IMAGE_TITLE_2	X			
constant AT_DESC_IMAGE_TITLE_3	X			
constant AT_EXTENSION_ELEMENTS	X			
constant AT_FAMILY_STATUS	X			
constant AT_FRUSTRATIONS	X			
constant AT_GOALS	X			
constant AT_IMPLEMENT_AS	X			
constant AT_INFLUENCE_MODIFIER	X			
constant AT_INTERACTION_TYPE	X			
constant AT_IOT_OBJECT_TYPE	X			
constant AT_JOB_TITLE	X			
constant AT_LAST_CUMULOCITY_SYNCH	X			
constant AT_LOCATION	X			
constant AT_NO_OF_DEPLOYED_DEVICES	X			
constant AT_PERSONALITY	X			
constant AT_PORTRAIT_IMAGE_LINK	X			
constant AT_PORTRAIT_IMAGE_TITLE	X			
constant AT_QUOTE	X			
constant AVT_ACTOR_STANDALONE	X			
constant AVT_DEVELOPMENT_BOARD	X			
constant AVT_EDGE	X			
constant AVT_EMBEDDED_COMPUTER	X			
constant AVT_GATEWAY	X			
constant AVT_IMPLEMENT_AS_MANUAL_TASK	X			
constant AVT_IMPLEMENT_AS_SERVICE_TASK	X			
constant AVT_IMPLEMENT_AS_USER_TASK	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant AVT_MOBILE_DEVICE	X			
constant AVT_PROXIMITY_BEACON	X			
constant AVT_PULL	X			
constant AVT_PUSH	X			
constant AVT_SENSOR_STANDALONE	X			
constant AVT_WEARABLE	X			
constant LT_EMOTION	X			
constant LT_OCCURS_AT	X			
constant LT_SUPERIOR_CUSTOMER_SEGMENT	X			
constant OT_EMOTION	X			
constant OT_PERSONA	X			
constant ST_EMOTION	X			
constant ST_IOT_CONNECTIVITY	X			
constant ST_IOT_DATA_PROTOCOL	X			
constant ST_IOT_SECURITY	X			
constant ST_ORGUNIT_TYPE_LANE	X			
constant ST_PERSONA	X			
constant ARCM_ENUM_INITIATORS_QUESTIONNAIRE_CREATED	X			
constant CREATED_MODEL_OID_PROPERTY	X			
constant INTERNAL_CALL	X			
constant LOG_PROPERTY	X			
constant TARGET_GROUP_OID	X			
constant TARGET_MODEL_NAME	X			

New/removed/deprecated/changed 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			

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
ARCMDateRangeAttribute.getNumberOfChildren() -> int	X			
ARCMDateRangeAttribute.getDate() -> 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() -> ARCMAAppObject	X			
ARCMEditorAttribute.getSubstituteUiValue() -> String	X			
ARCMEditorAttribute.getUiValue() -> String	X			
ARCMEditorAttribute.getUserRawValue() -> ARCMAAppObject	X			
ARCMEditorAttribute.getUserUiValue() -> String	X			
ARCMEditorAttribute.isEmpty() -> boolean	X			
ARCMEditorAttribute.isVisible() -> boolean	X			
ARCMEEnumAttribute.isEmpty() -> boolean	X			
ARCMMGroup.getGroupId() -> String	X			
ARCMMGroup.getGroupLevel() -> int	X			
ARCMMGroup.getGroups() -> List	X			
ARCMMGroup.isTopLevelGroup() -> boolean	X			
ARCMListAttribute.isEmpty() -> boolean	X			
ARCMPProgressAttribute.getActualRawValue() -> long	X			
ARCMPProgressAttribute.getActualUiValue() -> String	X			
ARCMPProgressAttribute.getAllAttributeTypes() -> List	X			
ARCMPProgressAttribute.getAttributeType() -> String	X			
ARCMPProgressAttribute.getName() -> String	X			
ARCMPProgressAttribute.getNumberOfChildren() -> int	X			
ARCMPProgressAttribute.getTotalRawValue() -> long	X			
ARCMPProgressAttribute.getTotalUiValue() -> String	X			
ARCMPProgressAttribute.getUiValue() -> String	X			
ARCMPProgressAttribute.isEmpty() -> boolean	X			
ARCMPProgressAttribute.isVisible() -> boolean	X			
ARCMPValueAttribute.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			

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
Bpmn2ReportServices.setBpmnSuccessor(ObjOcc,ObjOcc) -> CxnOcc	X			
ContextItemWrapper.getId() -> String	X			
ContextItemWrapper.getType() -> String	X			
DocumentContextItemWrapper.getId() -> String	X			
DocumentContextItemWrapper.getType() -> String	X			
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			

Changes from 9.8 SR6 to 10.0

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

In most cases, the removed methods can still be called, but they have no function any more and should be removed/replaced from/in the script.

The deprecated methods should not be used any more. They are replaced by functions which are more suitable in ARIS 10.

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

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant ACCEPTEDINCIDENT			X	
constant ACCOUNTASSERTION			X	
constant ALL_NEWSMESSAGES			X	
constant AT_BPEL_ABSTRACT_PROCES			X	
constant AT_BPEL_ATG			X	
constant AT_BPEL_CONDITION_EXPRESSION			X	
constant AT_BPEL_CREATE_INSTANCE			X	
constant AT_BPEL_DEFAULT			X	
constant AT_BPEL_DEFINES_PROC_PARTNERLINK			X	
constant AT_BPEL_EXPRESSION_LANGUAGE			X	
constant AT_BPEL_EXTENSION_XML			X	
constant AT_BPEL_FROM_EXPRESSION			X	
constant AT_BPEL_FROM_LITERAL			X	
constant AT_BPEL_IMPORTED			X	
constant AT_BPEL_INITIATE			X	
constant AT_BPEL_INSTANCE_COMPENSATION			X	
constant AT_BPEL_IS_OF_PARTNER_LINK_TYPE			X	
constant AT_BPEL_JOIN_CONDITION			X	
constant AT_BPEL_NMS_URI			X	
constant AT_BPEL_OPAQUE			X	
constant AT_BPEL_PATTERN			X	
constant AT_BPEL_PROCESS_TYPE			X	
constant AT_BPEL_QUERY_EXPRESSION			X	
constant AT_BPEL_QUERY_LANGUAGE			X	
constant AT_BPEL_ROLE_TYPE			X	
constant AT_BPEL_SEQ_ORDER			X	
constant AT_BPEL_SUPPRESS_JOIN_FAILURE			X	
constant AT_BPEL_TRANSITION_CONDITION			X	
constant AT_BPEL_TYPE_1			X	
constant AT_BPEL_VARI_ACCESS_SERIALIZABLE			X	
constant AT_DB_BACKUP	X			
constant AT_DB_REORG	X			
constant AT_DMN_ALLOWED_ANSWERS	X			
constant AT_DMN_ATG	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant AT_DMN_BUILTIN_AGGREGATOR	X			
constant AT_DMN_HIT_POLICY	X			
constant AT_DMN_QUESTION	X			
constant AT_DOCUMENT_DESC_1	X			
constant AT_DOCUMENT_DESC_2	X			
constant AT_DOCUMENT_DESC_3	X			
constant AT_DOCUMENT_DESC_4	X			
constant AT_DOCUMENT_DESC_5	X			
constant AT_DOCUMENT_LINK_1	X			
constant AT_DOCUMENT_LINK_2	X			
constant AT_DOCUMENT_LINK_3	X			
constant AT_DOCUMENT_LINK_4	X			
constant AT_DOCUMENT_LINK_5	X			
constant AT_DOCUMENT_TITL1	X			
constant AT_DOCUMENT_TITL2	X			
constant AT_DOCUMENT_TITL3	X			
constant AT_DOCUMENT_TITL4	X			
constant AT_DOCUMENT_TITL5	X			
constant AT_EXT_PAGE_DESC_1	X			
constant AT_EXT_PAGE_DESC_2	X			
constant AT_EXT_PAGE_DESC_3	X			
constant AT_EXT_PAGE_DESC_4	X			
constant AT_EXT_PAGE_DESC_5	X			
constant AT_EXT_PAGE_LINK_1	X			
constant AT_EXT_PAGE_LINK_2	X			
constant AT_EXT_PAGE_LINK_3	X			
constant AT_EXT_PAGE_LINK_4	X			
constant AT_EXT_PAGE_LINK_5	X			
constant AT_EXT_PAGE_TITL1	X			
constant AT_EXT_PAGE_TITL2	X			
constant AT_EXT_PAGE_TITL3	X			
constant AT_EXT_PAGE_TITL4	X			
constant AT_EXT_PAGE_TITL5	X			
constant AT_IMAGE_DESC_1	X			
constant AT_IMAGE_DESC_2	X			
constant AT_IMAGE_DESC_3	X			
constant AT_IMAGE_DESC_4	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant AT_IMAGE_DESC_5	X			
constant AT_IMAGE_LINK_1	X			
constant AT_IMAGE_LINK_2	X			
constant AT_IMAGE_LINK_3	X			
constant AT_IMAGE_LINK_4	X			
constant AT_IMAGE_LINK_5	X			
constant AT_IMAGE_TITL1	X			
constant AT_IMAGE_TITL2	X			
constant AT_IMAGE_TITL3	X			
constant AT_IMAGE_TITL4	X			
constant AT_IMAGE_TITL5	X			
constant AT_IOT_ATG	X			
constant AT_IOT_EVT_SEQ_NUM	X			
constant AT_IOT_IS_GATEWAY	X			
constant AT_IOT_TIME_WINDOW	X			
constant AT_LOYALTY	X			
constant AT_MEDIA_TYPE_1	X			
constant AT_MULTI_MEDIA_AT	X			
constant AT_RELEVANCE	X			
constant AT_SYSTEM_VERSION	X			
constant AT_TEXT_ANNOTATIONS	X			
constant AT_VERSION_FAMILY_REF	X			
constant AT_VIDEO_DESC_1	X			
constant AT_VIDEO_DESC_2	X			
constant AT_VIDEO_DESC_3	X			
constant AT_VIDEO_DESC_4	X			
constant AT_VIDEO_DESC_5	X			
constant AT_VIDEO_LINK_1	X			
constant AT_VIDEO_LINK_2	X			
constant AT_VIDEO_LINK_3	X			
constant AT_VIDEO_LINK_4	X			
constant AT_VIDEO_LINK_5	X			
constant AT_VIDEO_TITL1	X			
constant AT_VIDEO_TITL2	X			
constant AT_VIDEO_TITL3	X			
constant AT_VIDEO_TITL4	X			
constant AT_VIDEO_TITL5	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant AUDIT2INCIDENTS			X	
constant AUDITGANTTCHART			X	
constant AUDITPLAN			X	
constant AUDITSCOPE	X			
constant AUDITSTEPPROCESSINGTIMECHART			X	
constant AUDITSTEP	X			
constant AUDITSTEPTEMPLATE	X			
constant AUDITSTEP_OWNER			X	
constant AUDITSTEP_STATISTIC_PER_HIERARCHY			X	
constant AUDITTEMPLATEGANTTCHART			X	
constant AUDITTEMPLATEPLAN			X	
constant AUDIT_OWNER			X	
constant AUDIT_REVIEWER			X	
constant AUDIT_STATISTIC_AUDIT			X	
constant AUDIT_STATISTIC_AUDIT_STEP			X	
constant AUDIT_STATISTIC_PER_HIERARCHY			X	
constant AUDIT_STEP			X	
constant AUDIT_STEP_TEMPLATE			X	
constant AUDIT_TEMPLATE			X	
constant AVT_ALMOST_IRRELEVANT	X			
constant AVT_ANALOG	X			
constant AVT_DIGITAL	X			
constant AVT_DMN_HIT_POLICY_ANY	X			
constant AVT_DMN_HIT_POLICY_COLLECT	X			
constant AVT_DMN_HIT_POLICY_FIRST	X			
constant AVT_DMN_HIT_POLICY_OUTPUT_ORDER	X			
constant AVT_DMN_HIT_POLICY_PRIO	X			
constant AVT_DMN_HIT_POLICY_RULE_ORDER	X			
constant AVT_DMN_HIT_POLICY_UNIQUE	X			
constant AVT_DMN_RULE_COUNT	X			
constant AVT_DMN_RULE_MAX	X			
constant AVT_DMN_RULE_MIN	X			
constant AVT_DMN_RULE_SUM	X			
constant AVT_LESS_RELEVANT	X			
constant AVT_MEDIUM_1	X			
constant AVT_RELEVANT	X			
constant AVT_SM72_EXEC_EXTRA_NAVIGATION	X			
constant AVT_SM72_EXEC_FIORI	X			
constant AVT_SM72_EXEC_WEBDYNPRO_ABAP_APPL_CONFIG	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant AVT_VERY_RELEVANT	X			
constant BOOKMARK	X			
constant CHANGEMANAGEMENT			X	
constant CHANGEREVIEWOWNER			X	
constant CHARTCONTROLTRENDANALYSIS			X	
constant CHARTPOLICYAPPROVALPROGRESS			X	
constant CHARTPOLICYCONFIRMATIONPROGRESS			X	
constant CHARTPOLICYTESTCASESTATUS			X	
constant CHARTQUALRISKMATRIX			X	
constant CHARTQUANRISKMATRIX			X	
constant CHARTRISKEXPTECTEDIMPACTQUALITATIVE			X	
constant CHARTRISKTRENDAMAGEQUALITATIVE			X	
constant CHARTRISKTRENDAMAGEQUANTITATIVE			X	
constant CHARTRISKTRENDEXPECTEDLOSS			X	
constant CHARTRISKTRENDFREQUENCYQUALITATIVE			X	
constant CHARTRISKTRENDFREQUENCYQUANTITATIV			X	
constant CLIENT2LINKTYPE_SEL			X	
constant CLIENT2SUBSCRIPTIONS			X	
constant CLIENT2USERGROUP_REFS			X	
constant CLIENT2USER_REFS			X	
constant CONNECTION			X	
constant CONTROL2CONTROLEXECUTION			X	
constant CONTROL2CONTROLEXECUTIONTASK			X	
constant CONTROL2CONTROLEXECUTIONTASK_SEL			X	
constant CONTROL2INCIDENTS			X	
constant CONTROL2QUESTIONNAIRES			X	
constant CONTROL2QUESTIONNAIRESFORWARDLIST			X	
constant CONTROL2QUESTIONNAIRESTATISTICLIST			X	
constant CONTROL2RISK_REV_SEL			X	
constant CONTROL2SURVEYS			X	
constant CONTROL2SURVEYSFORWARDLIST			X	
constant CONTROL2TESTACTION			X	
constant CONTROLEFFECT_CORRECTIVE	X			
constant CONTROLEXECUTIONTASK2CONTROL			X	
constant CONTROLEXECUTIONTASK2CONTROLEXECUTION			X	
constant CONTROLEXECUTION_STATISTIC			X	
constant CONTROL_ADD2RISK_REFS			X	
constant CONTROL_ADD2TESTDEFINITIONS_REFS			X	
constant CONTROL_TESTDEFINITION_SEL			X	
constant CREATEDAUDITS			X	
constant CREATEDCHANGEREVIEWS			X	
constant CREATEDPOLICIES			X	

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

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant CT_DMN_KNOWLEDGE_REQ	X			
constant CT_DMN_SETS	X			
constant CT_DMN_USES_INPUT_ENTRY	X			
constant CT_EXPERIENCES	X			
constant CT_INFO_FLOW			X	
constant CT_IOT_ENCOMPASSES	X			
constant CT_IOT_INPUT_EVT	X			
constant CT_IOT_OUTPUT_EVT	X			
constant CT_IS_CRITICAL			X	
constant CT_IS_TAKEN			X	
constant CT_MAT_FLOW			X	
constant CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT		X		
constant CT_RESPONSIBILITY_2nd_LEVEL_SUPPORT		X		
constant CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT		X		
constant CT_RESPONSIBILITY_APPLICATION		X		
constant CT_RESPONSIBILITY_FACILITY_OPERATOR		X		
constant CT_RESPONSIBILITY_HOTLINE_SUPPORT		X		
constant CT_RESPONSIBILITY_OPERATING		X		
constant CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING		X		
constant CT_RESPONSIBILITY_SYSTEM		X		
constant CT_RESPONSIBILITY_SYSTEM_INTEGRATION		X		
constant CT_RESPONSIBILITY_1ST_LEVEL_SUPPORT	X			
constant CT_RESPONSIBILITY_2ND_LEVEL_SUPPORT	X			
constant CT_RESPONSIBILITY_3RD_LEVEL_SUPPORT	X			
constant CT_RESPONSIBILITY_APPLICATION	X			
constant CT_RESPONSIBILITY_FACILITY_OPERATOR	X			
constant CT_RESPONSIBILITY_HOTLINE_SUPPORT	X			
constant CT_RESPONSIBILITY_OPERATING	X			
constant CT_RESPONSIBILITY_OPERATIONAL_FAULT_RECORDING	X			
constant CT_RESPONSIBILITY_SYSTEM	X			
constant CT_RESPONSIBILITY_SYSTEM_INTEGRATION	X			
constant CT_SUBSTITUTE_RESPONSIBILITY_OPERATING		X		
constant CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM		X		
constant CT_SUBSTITUTE_RESPONSIBILITY_OPERATING	X			
constant CT_SUBSTITUTE_RESPONSIBILITY_SYSTEM	X			
constant DASHBOARDCONNECTION	X			
constant DEFICIENCYSTATISTIC			X	
constant DEFICIENCY_COMPCTRL_SEL_L1			X	
constant DEFICIENCY_COMPCTRL_SEL_L2			X	
constant DEFICIENCY_COMPCTRL_SEL_L3			X	
constant DEFICIENCY_REMEDIATIONCTRL_SEL			X	
constant DESCRIPTION			X	
constant DOCUMENTLINKTYPE	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant EVALUATION			X	
constant EVALUATION_LIST_LOSSES_SPECIAL_PERIOD			X	
constant EVALUATION_LIST_RISK_INCURRED_LOSSES			X	
constant FOLLOWUP			X	
constant FORECAST_QUESTIONNAIRE			X	
constant FORECAST_RISKASSESSMENT			X	
constant FORECAST_TESTCASE			X	
constant GROUP2USER_REFS			X	
constant GROUP2USER_SEL			X	
constant GROUP2USER_SEL2			X	
constant HIERARCHIE_CHILDS_REFS			X	
constant HIERARCHIE_PARENT_REFS			X	
constant HIERARCHY2AUDITS			X	
constant HIERARCHY2AUDITSTEPS			X	
constant HIERARCHY2CHANGEREVIEWS			X	
constant HIERARCHY2CONTROL_REFS			X	
constant HIERARCHY2INCIDENTS			X	
constant HIERARCHY2LOSSES			X	
constant HIERARCHY2PARENT_REV_SEL			X	
constant HIERARCHY2POLICIES			X	
constant HIERARCHY2QUESTIONNAIRES_REFS			X	
constant HIERARCHY2RISKASSESSMENTS			X	
constant HIERARCHY2RISK_REFS			X	
constant HIERARCHY2SURVEYS_REFS			X	
constant HIERARCHY2TESTACTION_REFS			X	
constant HIERARCHY2TESTDEFINITION_REFS			X	
constant HIERARCHYRELATEDISSUES			X	
constant HIERARCHY_CHILD_SEL			X	
constant HIERARCHY_TESTER_SEL			X	
constant INCIDENT2AUDITS			X	
constant INCIDENT2AUDITS_SEL			X	
constant INCIDENT2CONTROLS			X	
constant INCIDENT2CONTROLS_SEL			X	
constant INCIDENT2HIERARCHIES_APPLICATIONSYSTEMTYPE			X	
constant INCIDENT2HIERARCHIES_APPLICATIONSYSTEMTYPE_SEL			X	
constant INCIDENT2HIERARCHIES_CATEGORY			X	
constant INCIDENT2HIERARCHIES_CATEGORY_SEL			X	
constant INCIDENT2HIERARCHIES_FINANCIALACCOUNT			X	
constant INCIDENT2HIERARCHIES_FINANCIALACCOUNT_SEL			X	
constant INCIDENT2HIERARCHIES_ORGUNIT			X	
constant INCIDENT2HIERARCHIES_ORGUNIT_SEL			X	
constant INCIDENT2HIERARCHIES_PROCESS			X	
constant INCIDENT2HIERARCHIES_PROCESS_SEL			X	

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant INCIDENT2LOSSES			X	
constant INCIDENT2POLICIES			X	
constant INCIDENT2POLICIES_SEL			X	
constant INCIDENT2RISKS_SEL			X	
constant INCIDENTOWNER			X	
constant INCIDENTPIECHARTHIERARCHY			X	
constant INCIDENTPIECHARTPERAUDIT			X	
constant INCIDENTPIECHARTPERCONTROL			X	
constant INCIDENTPIECHARTPERPOLICY			X	
constant INCIDENTPIECHARTPERRISK			X	
constant INCIDENTREVIEWER			X	
constant INCIDENTS			X	
constant INCIDENTSPERAUDIT			X	
constant INCIDENTSPERCONTROL			X	
constant INCIDENTSPERPOLICY			X	
constant INCIDENTSPERRISK			X	
constant INCIDENTSTATISTIC			X	
constant INCIDENTS_EVALUATION			X	
constant INTERNALMESSAGES			X	
constant ISSUEOWNER			X	
constant ISSUEOWNERSELECTION			X	
constant ISSUERELEVANTOBJECTSELECTION			X	
constant ISSUEREVIEWER			X	
constant ISSUEREVIEWERSELECTION			X	
constant ISSUES			X	
constant ISSUERELEVANTOBJECT	X			
constant JOBENDSTATE_ALL			X	
constant JOBENDSTATE_CANCELED			X	
constant JOBENDSTATE_FAILED			X	
constant JOBENDSTATE_SUCCESS			X	
constant JOBENDSTATE_UNDEFINED			X	
constant JOBENDSTATE_WARNINGS			X	
constant JOBS_ASYNDEFAULTREPORTJOB			X	
constant JOBS_JOBLISTCLEANINGJOB			X	
constant JOBS_XMLEXPORTJOB			X	
constant JOBRESULTSTATE_ALL	X			
constant JOBRESULTSTATE_CANCELED	X			
constant JOBRESULTSTATE_FAILED	X			
constant JOBRESULTSTATE_SUCCESS	X			
constant JOBRESULTSTATE_UNDEFINED	X			
constant JOBRESULTSTATE_WARNINGS	X			
constant JOBSTATE_ALL	X			
constant JOBSTATE_FINISHED	X			

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

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant MEASURE_AUDITSTEP_UNSPECIFIED	X			
constant MESSAGETEMPLATE			X	
constant MESSAGETEMPLATES	X			
constant MT_ARCHIMATE_3	X			
constant MT_BPEL_ALLOCATION_DIAGRAM			X	
constant MT_BPEL_PROCESS			X	
constant MT_CUSTOMER_SEGMENTATION_MAP	X			
constant MT_DMN_BOXED_FUNCTION	X			
constant MT_DMN_CONTEXT_DIAGRAM	X			
constant MT_DMN_DECISION_REQUIREMENTS_DIAGRAM	X			
constant MT_DMN_DECISION_TABLE_MODEL	X			
constant MT_DMN_INVOCATION_MODEL	X			
constant MT_IOT_OBJECT_CONTEXT	X			
constant MT_IOT_OBJECT_DEFINITION	X			
constant MT_LLOVC			X	
constant MT_PLOVC			X	
constant MYCREATEDISSUES			X	
constant MYCREATEDOPENISSUES			X	
constant MYDASHBOARDS			X	
constant MYISSUERELEVANTOBJECTS			X	
constant MYOPE			X	
constant MYTASKS			X	
constant NEWSMESSAGES_ADD2CLIENT_SEL			X	
constant NEWSMESSAGES_ADD2_REFS			X	
constant OFFLINEPROCESSINGENTRY	X			
constant OPE			X	
constant OPENPOLICIES			X	
constant OPENPOLICYREVIEWS			X	
constant ORGANISATION			X	
constant OT_APPLICATION_COLLABORATION	X			
constant OT_ASSUM			X	
constant OT_BPEL_PARTNER			X	
constant OT_CUSTOMER_SEGMENT	X			
constant OT_DELIVERABLE	X			
constant OT_EQUIPMENT	X			
constant OT_FACILITY	X			
constant OT_IOT_OBJECT	X			
constant OT_MAT			X	
constant OT_MATU_RAT			X	
constant OT_MEASURE			X	
constant OT_OPPORTUN			X	
constant OT_PROBLEM_AREA			X	
constant OT_SYSTEM_SOFTWARE	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant OT_TECHNOLOGY_SERVICE	X			
constant PAGE_1			X	
constant POLICY2EXCEPTIONS			X	
constant POLICY2EXCEPTIONS_SEL			X	
constant POLICY2INCIDENTS			X	
constant POLICY2POLICYAPPROVALS_REFS			X	
constant POLICY2POLICYCONFIRMATIONS_REFS			X	
constant POLICY2POLICYREVIEWS			X	
constant POLICY2RISKS			X	
constant POLICY2RISKS_SEL			X	
constant POLICY2TESTCASES			X	
constant POLICYAPPROVALS			X	
constant POLICYCONFIRMATIONS			X	
constant POLICYDEFINITION2POLICIES_REFS			X	
constant POLICYDEFINITION2RISKS			X	
constant POLICYDEFINITION2RISKS_SEL			X	
constant POLICYREVIEW2EXCEPTIONS			X	
constant POLICYREVIEW2INCIDENTS			X	
constant POLICYREVIEW2POLICYCONFIRMATIONS			X	
constant POLICYREVIEW2POLICYISSUES			X	
constant POLICYREVIEW2TESTCASES			X	
constant POLICY_DEFINITION			X	
constant QUERY_CONFIG_MODEL	X			
constant QUERY_CONFIG_OBJECT	X			
constant QUERY_PROPERTYTYPE_ADSLINK	X			
constant QUERY_PROPERTYTYPE_BOOLEAN	X			
constant QUERY_PROPERTYTYPE_DATE	X			
constant QUERY_PROPERTYTYPE_DOUBLE	X			
constant QUERY_PROPERTYTYPE_INTEGER	X			
constant QUERY_PROPERTYTYPE_ITEMLIST	X			
constant QUERY_PROPERTYTYPE_LINK	X			
constant QUERY_PROPERTYTYPE_LINKADS	X			
constant QUERY_PROPERTYTYPE_MARKUP	X			
constant QUERY_PROPERTYTYPE_STRING	X			
constant QUERY_PROPERTYTYPE_VALUE	X			
constant QUESTIONNAIREPIECHART			X	
constant QUESTIONNAIRESTATISTIC_LINKEDQUESTIONNAIRES			X	
constant QUESTIONNAIRESTATISTIC_LINKEDSURVEYS			X	
constant QUESTIONNAIRES_OWNER			X	
constant QUESTIONNAIRES_REVIEWER			X	
constant QUESTIONNAIRETEMPLATEPREVIEW			X	
constant QUESTIONNAIRETEMPLATE_CROSSTABULATION			X	
constant QUESTIONNAIRETEMPLATE_EXCELREPORT_ANSWERDETAIL			X	

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant QUESTIONNAIRETEMPLATE_EXCELREPORT_SCOREDETAIL			X	
constant QUESTIONNAIRETEMPLATE_RESULT_SUMMARY			X	
constant QUESTIONNAIRETEMPLATE_SCORE			X	
constant QUESTIONNAIRETEMPLATE_SCORECOMPARISON			X	
constant QUESTIONNAIRE_CROSSTABULATION			X	
constant QUESTIONNAIRE_EXCELREPORT_ANSWERDETAIL			X	
constant QUESTIONNAIRE_EXCELREPORT_SCOREDETAIL			X	
constant QUESTIONNAIRE_SCORE			X	
constant QUESTIONNAIRE_TEMPLATE2QUESTIONNAIRES_REV_REFS			X	
constant QUESTIONNAIRE_TEMPLATE2SURVEYS_REV_REFS			X	
constant QUESTIONNAIRE_TEMPLATES_WORKINGCOPIES			X	
constant QUESTIONNAIRE_TIMELINE			X	
constant QUESTION_OPTIONS_SEL			X	
constant RATEOFAUDITPERSONALUTILIZATION			X	
constant RA_IMPACTTYPES			X	
constant RECENTREPORTS			X	
constant RECENTREPORTS			X	
constant RELATEDAUDITS			X	
constant RELATEDISSUES			X	
constant RA_IMPACTTYPE	X			
constant REPORT	X			
constant REPORT_OUTPUT_FORMAT_XLSX	X			
constant REPORT_STATUS_WAIT_FOR_RUNNING	X			
constant RISK2INCIDENTS			X	
constant RISK2LOSSES			X	
constant RISK2POLICIES			X	
constant RISK2QUESTIONNAIRES			X	
constant RISK2QUESTIONNAIRESFORWARDLIST			X	
constant RISK2QUESTIONNAIRESTATISTICLIST			X	
constant RISK2RISKASSESSMENT_REV_REFS			X	
constant RISK2SURVEYS			X	
constant RISK2SURVEYSFORWARDLIST			X	
constant RISK2TESTACTION			X	
constant RISK2TESTDEFINITION			X	
constant RISKASSESSMENT2CONTROL			X	
constant RISKASSESSMENT2INCIDENTS			X	
constant RISKASSESSMENT2ISSUES			X	
constant RISKASSESSMENT2LOSSES			X	
constant RISKASSESSMENT2LOSSESPOPUP			X	
constant RISKASSESSMENT2POLICIES			X	
constant RISKASSESSMENT2QUESTIONNAIRES			X	
constant RISKASSESSMENT2SURVEYS			X	
constant RISKASSESSMENT2TESTCASE			X	

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

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant STATISTICPOLICYAPPROVALS			X	
constant STATISTICPOLICYCONFIRMATIONS			X	
constant STATISTICPOLICYLIST			X	
constant STATISTICPOLICYPERDEFINITION			X	
constant STATISTICRISKASSESSMENTSASSESSMENTS			X	
constant STATISTICRISKASSESSMENTSRSKS			X	
constant STATISTICRISKASSESSMENTSRSKSBYIMPACTTYPE			X	
constant STATICTESTCASEPERPOLICY			X	
constant STATICTESTCASES			X	
constant STATICTESTCASESPERPOLICY			X	
constant STATISTIC_LINKED_AUDITS			X	
constant STATISTIC_LINKED_AUDITSTEPS_PER_HIERARCHY			X	
constant STATISTIC_LINKED_AUDITS_PER_HIERARCHY			X	
constant STATISTIC_LINKED_CONTROLEXECUTIONS			X	
constant STRUCTURE			X	
constant ST_AIRPLANE			X	
constant ST_ARCHIMATE_APPLICATION_EVENT	X			
constant ST_ARCHIMATE_APPLICATION_PROCESS	X			
constant ST_ARCHIMATE_CAPABILITY	X			
constant ST_ARCHIMATE_CONSTRAINT	X			
constant ST_ARCHIMATE_COURSE_OF_ACTION	X			
constant ST_ARCHIMATE_DELIVERABLE	X			
constant ST_ARCHIMATE_DISTRIBUTION_NETWORK	X			
constant ST_ARCHIMATE_DRIVER	X			
constant ST_ARCHIMATE_EQUIPMENT	X			
constant ST_ARCHIMATE_FACILITY	X			
constant ST_ARCHIMATE_GAP	X			
constant ST_ARCHIMATE_GOAL	X			
constant ST_ARCHIMATE_GROUP	X			
constant ST_ARCHIMATE_IMPLEMENTATION_EVENT	X			
constant ST_ARCHIMATE_INFRASTRUCTURE_INTERFACE			X	
constant ST_ARCHIMATE_INFRASTRUCTURE_SERVICE			X	
constant ST_ARCHIMATE_LOCATION	X			
constant ST_ARCHIMATE_MATERIAL	X			
constant ST_ARCHIMATE_OR_JUNCTION	X			
constant ST_ARCHIMATE_OUTCOME	X			
constant ST_ARCHIMATE_PLATEAU	X			
constant ST_ARCHIMATE_PRINCIPLE	X			
constant ST_ARCHIMATE_REQUIREMENT	X			
constant ST_ARCHIMATE_RESOURCE	X			
constant ST_ARCHIMATE_STAKEHOLDER	X			
constant ST_ARCHIMATE_TECHNOLOGY_COLLABORATION	X			
constant ST_ARCHIMATE_TECHNOLOGY_EVENT	X			

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

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant ST_CRITIC_MEASURE			X	
constant ST_CUST_ACTIV			X	
constant ST_CUST_PRC			X	
constant ST_CUSTOMER_SEGMENT_1	X			
constant ST_DISKETTE			X	
constant ST_DMN_BINDING_EXPRESSION	X			
constant ST_DMN_BUSINESS_KNOWLEDGE_MOD	X			
constant ST_DMN_CASE	X			
constant ST_DMN_DECISION	X			
constant ST_DMN_DECISION_SERVICE	X			
constant ST_DMN_DEFAULT_OUTPUT_ENTRY	X			
constant ST_DMN_EXPRESSION	X			
constant ST_DMN_EXPRESSION_1	X			
constant ST_DMN_GENERIC_DECISION_SERVICE	X			
constant ST_DMN_INPUT_DATA	X			
constant ST_DMN_INPUT_ENTRY	X			
constant ST_DMN_INPUT_EXPRESSION	X			
constant ST_DMN_INPUT_OUTPUT_DECISION_SERVICE	X			
constant ST_DMN_INPUT_STATE	X			
constant ST_DMN_KNOWLEDGE_SOURCE	X			
constant ST_DMN_OUTPUT_COMPONENT	X			
constant ST_DMN_OUTPUT_ENTRY	X			
constant ST_DMN_OUTPUT_STATE	X			
constant ST_DMN_PARAMETER	X			
constant ST_DMN_RULE_INPUT_STATE	X			
constant ST_DMN_RULE_OUTPUT_STATE	X			
constant ST_DMN_VARIABLE	X			
constant ST_DOC_1			X	
constant ST_DOC_STORAGE			X	
constant ST_EDI			X	
constant ST_ELECTRONIC_DOC			X	
constant ST_ELECTRONIC_FOLDER			X	
constant ST_EMAIL			X	
constant ST_EXPERT			X	
constant ST_FAX_1			X	
constant ST_FILE_1			X	
constant ST_FOLDER			X	
constant ST_FORK_LIFT_TRUCK			X	
constant ST_GOTO_CONN			X	
constant ST_HAPPY_CUSTOMER			X	
constant ST_HARD_DISK			X	
constant ST_INTERNET			X	
constant ST_IOT_ACTUATOR_COMP	X			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant ST_IOT_OBJECT	X			
constant ST_IOT_SENSOR_COMP	X			
constant ST_IS_GATEWAY	X			
constant ST_LAN			X	
constant ST_MAGNET_TAPE			X	
constant ST_MAIL			X	
constant ST_MARKED			X	
constant ST_MATERIAL			X	
constant ST_MAT_RATE			X	
constant ST_MESSAGE_PART			X	
constant ST_MESSAGE_TYPE			X	
constant ST_MICROFICHE_1			X	
constant ST_OFFICE_SYSTEM			X	
constant ST_OPP_AREA			X	
constant ST_ORACLE_BPEL_ABSTRACT_ACTIVITY			X	
constant ST_ORACLE_BPEL_BUSINESS_RULES			X	
constant ST_ORACLE_BPEL_HUMAN_TASK			X	
constant ST_ORACLE_BPEL_NOTIFICATION			X	
constant ST_ORACLE_FLOW_N			X	
constant ST_PERSON			X	
constant ST_POLICY			X	
constant ST_PRINTER			X	
constant ST_PROBLEM_AREA			X	
constant ST_REVENUE_1	X			
constant ST_SCREEN			X	
constant ST_SERVICE_OPERATION			X	
constant ST_SERVICE_PORT_TYPE			X	
constant ST_STRATEGY			X	
constant ST_TELEPHONE			X	
constant ST_TRUCK			X	
constant ST_UNHAPPY_CUSTOMER			X	
constant ST_WASTE_BIN			X	
constant SUBSTITUTE2USER_REFS			X	
constant SUBSTITUTE2USER_SEL			X	
constant SURVEY2QUESTIONNAIRES_REV_REFS			X	
constant SURVEYANDQUESTIONNAIREPIECHARTPERCONTROL			X	
constant SURVEYANDQUESTIONNAIREPIECHARTPERRISK			X	
constant SURVEYANDQUESTIONNAIREPIECHARTPERTESTDEFINITION			X	
constant SURVEYPIECHART			X	
constant SURVEYREVIEWER_SURVEYS			X	
constant SURVEYSUMMARYANSWERRESULT			X	
constant SURVEYSUMMARYREVIEWEDRESULT			X	
constant SURVEYTASK2QUESTIONNAIRES_REV_REFS			X	

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
constant SURVEYTASK2SURVEYS_REV_REFS			X	
constant SURVEYTASK_CROSSTABULATION			X	
constant SURVEYTASK_EXCELREPORT_ANSWERDETAIL			X	
constant SURVEYTASK_EXCELREPORT_SCOREDETAIL			X	
constant SURVEYTASK_RESULT_SUMMARY			X	
constant SURVEYTASK_SCORE			X	
constant SURVEYTASK_SCORECOMPARISON			X	
constant SURVEY_CROSSTABULATION			X	
constant SURVEY_EXCELREPORT_ANSWERDETAIL			X	
constant SURVEY_EXCELREPORT_SCOREDETAIL			X	
constant SURVEY_RESULT_SUMMARY			X	
constant SURVEY_SCORE			X	
constant SURVEY_SCORECOMPARISON			X	
constant TASKITEM	X			
constant TESTACTION2DEFICIENCY_REFS			X	
constant TESTACTION2RECOMMENDATIONS_SEL			X	
constant TESTACTIONEXTERNALAUDITOR			X	
constant TESTACTIONREVIEWER			X	
constant TESTACTIONTESTER			X	
constant TESTCASE2CONTROLEXECUTIONS			X	
constant TESTCASE2QUESTIONNAIRES			X	
constant TESTCASE2SURVEYS			X	
constant TESTDEFINITION2CONTROL			X	
constant TESTDEFINITION2QUESTIONNAIRESTATISTICLIST			X	
constant TESTDEFINITION2RISK			X	
constant TESTDEFINITION2TESTACTION			X	
constant TESTDEFINITION_OWNERGROUP_SEL			X	
constant TEST_DEFINITION2QUESTIONNAIRES			X	
constant TEST_DEFINITION2QUESTIONNAIRESFORWARDLIST			X	
constant UPDATEABLETESTACTIONS			X	
constant USER2USERGROUP_REV_REFS			X	
constant USER2USERGROUP_REV_SEL			X	
constant USERGROUP_RELATIONS			X	
constant USERPROFILE	X			
constant USERROLE_TYPE_SUBSCRIPTIONMANAGER	X			
constant XL_INSERT_PICTURE_EXPAND_COLUMN	X			
constant XL_INSERT_PICTURE_EXPAND_ROW	X			
constant XL_INSERT_PICTURE_EXPAND_ROW_AND_COLUMN	X			
constant XL_INSERT_PICTURE_OVERLAY	X			

New/removed/deprecated/changed 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			
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			

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

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
PrimitiveValue	X			
Process		X		
ProcessFilter	X			
ProcessWrapper	X			
PropertyPathValue	X			
QueryConfig	X			
QueryTree			X	
ReportDataSource			X	
ReportFilterableDataSource			X	
ReportIcon			X	
ReportService			X	
ReportValue			X	
Result		X		
ResultList	X			
ResultProperty	X			
ResultTree			X	
ScriptInfo.getAuthor() -> String	X			
ScriptInfo.getCompany() -> String	X			
ScriptInfo.getContextItemKinds() -> int[]	X			
ScriptInfo.getContexts() -> Map	X			
ScriptInfo.getSubject() -> String	X			
ScriptInfo.getSupportedOutputFormats() -> OutputFormat[]	X			
ScriptInfo.getVersion() -> String	X			
ScriptInfo.hasDbWriteAccess() -> boolean	X			
ScriptInfo.hasDialogSupport() -> boolean	X			
ScriptInfo.isAvailableForUsers() -> boolean	X			
SemanticCheck.getProfileDetails(SemanticCheckProfile) -> SemanticCheckProfileDetails	X			
SemanticCheck.getProfiles(int) -> SemanticCheckProfile[]	X			
SemanticCheckProfile.getContexts() -> int[]	X			
SemanticCheckProfile.getDescription() -> String	X			
SemanticCheckProfile.getGuid() -> String	X			
SemanticCheckProfile.getName() -> String	X			
SemanticCheckProfileDetails.getCountRuleTypesUsed() -> int	X			
SemanticCheckProfileDetails.getUsedRuleTypeGuid(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeModelSelectionOptionTitle(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeName(int) -> String	X			
SemanticCheckProfileDetails.getUsedRuleTypeObjectSelectionOptionTitle(int) -> String	X			
SemanticCheckProfileDetails.hasUsedRuleTypeModelSelectionOption(int) -> boolean	X			
SemanticCheckProfileDetails.hasUsedRuleTypeObjectSelectionOption(int) -> boolean	X			

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
SingleValue	X			
Spreadsheet.exportToExcel(Model,String) -> byte[]	X			
Spreadsheet.exportToExcelBySheetID(Model,String,String) -> byte[]	X			
Spreadsheet.exportToExcelBySheetName(Model,String,String) -> byte[]	X			
StringValue	X			
Tree.getItem(int) -> TreeItem	X			
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			

Changes from 9.8 SR7 to 9.8 SR8

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
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Missing access right constants added:

AR_COLLABORATE	X			
AR_READ_COLLABORATE	X			
AR_READ_SUBMIT_COLLABORATE	X			

Other new constants:

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

XlsSheet.insertCellPicture(int,int,byte[],int,double,double) -> void	X			
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Changes from 9.8 SR6 to 9.8 SR7

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
Missing access right constants added:				
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 constants changed/added:				
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			
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	

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
Connection type constants changed/added:				
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 constants added:				
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 constants added:				
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			

New/removed/deprecated/changed constants:	New	Changed	Removed	Deprecated
Symbol type constants added:				
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			
ST_DMN_OUTPUT_CONCRETE_STATE	X			
ST_DMN_OUTPUT_ENTRY	X			
ST_DMN_PARAMETER	X			

New/removed/deprecated/changed 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			

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

Changes from 9.8 SR4 to 9.8 SR6

New constants:

Additionally, there are new attribute/model/cxn/lane/symbol type constants in ARIS metamodel.

Since the ARIS report now additionally 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_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/removed/deprecated/changed 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			
GroupInfo	X			
HeaderCell	X			

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

Changes from 7.2.4 to 9.8 SR4

New constants:

Additionally, there are new attribute/model/cxn/lane/symbol type constants in ARIS metamodel:

FMT_STRIKETHROUGH—the output objects supports “strikethrough” text format

MODEL_CXN_DISTANCE—model flag (have distance between cxn and object)

SAVE_AUTO - the new standard save mode in ARIS report.

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>

For new link functionality in ARIS 9 (so far used only by UML2):

LINKRULE_NONE

LINKRULE_SOURCE_DELETES_TARGET

LINKRULE_SOURCE_RENAMES_TARGET

LINKRULE_TARGET_DELETES_SOURCE

LINKRULE_TARGET_RENAMES_SOURCE

LINKTYPE_DIAGRAM_ASSIGNMENT

LINKTYPE_OMF_TAGREFERENCE

LINKTYPE_REUSE_OBJECT_LINK

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
signature change ABOCubeProxy.getLocale(DbSession) -> Locale		X		
changed return type ABOGroup.getGroup() -> ABOGroupInst				
ABOGroup.getSetInstance() -> ASetInstanceDTO	X			
ABOSubject.createGUIDandOID() -> void				X
ABOSubject.createGUIDandOIDNew() -> void	X			
removed AExcelAccessException			X	
ArisMetaModel.getAPIName(int,int) -> String (also available in Publisher)	X			
ArisMetaModel.getMetamodelItems(int,int) -> int[] (also available in Publisher)				
ArisMetaModel.getMetamodelName(int) -> String (also available in Publisher)				
ArisMetaModel.getMetamodels() -> int[] (also available in Publisher)				
ArisMetaModel.isUniqueCxn(int,int,int) -> int (also available in Publisher)				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
AttrDateDef.getValueGMT0() -> long (also available in Publisher)	X			
AttrDateDef.setValueGMT0(long) -> boolean				
AttrTimeDef.getValueGMT0() -> long				
AttrTimeDef.setValueGMT0(long) -> boolean				
AttrTimeStampDef.getValueGMT0() -> long				
AttrTimeStampDef.setValueGMT0(long) -> boolean				
AttrOcc.getOrderNum() -> int (also available in Publisher)	X			
AttrOcc.getRotation() -> short (also available in Publisher)				
AttrOcc.setOrderNum(short) -> boolean				
BOReportRoot.assignSmartinputPermission(ABOUser) -> void	X			
BPExportData.getDbName() -> String	X			
BPExportData.getPaletteGUID() -> String				
BPExportData.getServerName() -> String				
BPExportData.getTenantID() -> String				
BPExportData.setDbName(String) -> void				
BPExportData.setPaletteGUID(String) -> void				
BPExportData.setServerName(String) -> void				
BPExportData.setTenantID(String) -> void				
removed BPExportData.getSelectedMethodFilters() -> GUID[]			X	
removed BPExportData.getSelectedMethodFiltersAsString() -> String[]				
removed BPExportData.setSelectedMethodFilters(GUID[]) -> void				
removed BPExportData.setSelectedMethodFiltersAsStringArray(String[]) -> void				
removed BPExportResult.getMsgs() -> List				
BPLayoutInfo.getOEMProfile() -> String	X			
BPLayoutInfo.setOEMProfile(String) -> void				
BusinessPublisher.editExport(Database,BPExportData) -> BPExportResult	X			
BusinessPublisher.getLocaleId(Locale) -> int				
BusinessPublisher.getLocaleId(String) -> int				
BusinessPublisher.removeSpecialCharacters(String) -> String				
removed BusinessPublisher.uploadKey(String) -> boolean			X	
ComObjOcc.getIncomingLinks() -> Link[]	X			
ComObjOcc.getLinks() -> Link[]				
ComObjOcc.getOptionalBitmap() -> byte[]				
ComObjOcc.getOutgoingLinks() -> Link[]				
removed ComObjOcc.ObjectID(int) -> String (also available in Publisher)				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
ConnectableDef.getCreator() -> String	X			
ConnectableDef.getIncomingLinks() -> Link[]				
ConnectableDef.getLastModifier() -> String				
ConnectableDef.getLinks() -> Link[]				
ConnectableDef.getOutgoingLinks() -> Link[]				
ConnectableDef.getTimeOfCreation() -> ATimestamp				
ConnectableDef.getTimeOfLastModification() -> ATimestamp				
ConnectableDef.OID() -> int[]				X
removed ConnectableDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef			X	
removed ConnectableDef.fromExtCxnDefs() -> ExtCxnDef[]				
removed ConnectableDef.toExtCxnDefs() -> ExtCxnDef[]				
ConnectableOcc.getIncomingLinks() -> Link[]	X			
ConnectableOcc.getLinks() -> Link[]				
ConnectableOcc.getOutgoingLinks() -> Link[]				
removed ConnectableOcc.ObjectID(int) -> String (also available in Publisher)			X	
removed ConnectableOcc.fromExtCxnOccs() -> ExtCxnOcc[]				
removed ConnectableOcc.toExtCxnOccs() -> ExtCxnOcc[]				
ConsolidateSet.add(ObjDef,ObjDef[]) -> void	X			
This interface is used for „virtual“ connections created by an assignment	X			

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
CxnAssign.ActiveType() -> String (also available in Publisher)				
CxnAssign.AssignedModels() -> Model[]				
CxnAssign.AssignedModels(int) -> Model[]				
CxnAssign.AssignedModels(int[]) -> Model[]				
CxnAssign.AttrList(int) -> Attr[] (also available in Publisher)				
CxnAssign.AttrList(int,boolean) -> Attr[] (also available in Publisher)				
CxnAssign.AttrList(int,int[]) -> Attr[] (also available in Publisher)				
CxnAssign.AttrList(int,int[],boolean) -> Attr[] (also available in Publisher)				
CxnAssign.AttrMap(int) -> Map (also available in Publisher)				
CxnAssign.AttrMap(int,boolean) -> Map (also available in Publisher)				
CxnAssign.AttrMap(int,int[]) -> Map (also available in Publisher)				
CxnAssign.AttrMap(int,int[],boolean) -> Map (also available in Publisher)				
CxnAssign.Attribute(int,int) -> Attr (also available in Publisher)				
CxnAssign.Attribute(int,int,boolean) -> Attr (also available in Publisher)				
CxnAssign.CompareAttributes(Item) -> Map (also available in Publisher)				
CxnAssign.CompareAttributes(Item,int[]) -> Map (also available in Publisher)				
CxnAssign.CreateAssignment(Model) -> boolean				
CxnAssign.CreateAssignment(Model,boolean) -> boolean	X			
CxnAssign.Database() -> Database (also available in Publisher)				
CxnAssign.Delete() -> boolean				
CxnAssign.Delete(boolean) -> boolean				
CxnAssign.DeleteAssignment(Model) -> boolean				
CxnAssign.GUID() -> String (also available in Publisher)				
CxnAssign.GetReorgMark() -> int				
CxnAssign.IsEqual(ArisObject) -> boolean (also available in Publisher)				
CxnAssign.IsValid() -> boolean (also available in Publisher)				
CxnAssign.KindNum() -> int (also available in Publisher)				
CxnAssign.Name(int) -> String (also available in Publisher)				
CxnAssign.Name(int,boolean) -> String (also available in Publisher)				
CxnAssign.OID() -> int[]				
CxnAssign.ObjectId() -> String (also available in Publisher)				
CxnAssign.OccList() -> CxnOcc[] (also available in Publisher)				
CxnAssign.OccList(Model[]) -> CxnOcc[] (also available in Publisher)				
CxnAssign.PassiveType() -> String (also available in Publisher)				
CxnAssign.RefGUID() -> String				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
CxnAssign.SetReorgMark(int) -> boolean				
CxnAssign.SourceObjDef() -> ObjDef (also available in Publisher)				
CxnAssign.TargetModel() -> Model (also available in Publisher)				
CxnAssign.TargetObjDef() -> ObjDef (also available in Publisher)				
CxnAssign.Touch() -> void				
CxnAssign.TypeNum() -> int				
CxnAssign.WriteAttributes(Map,int) -> Attr[]				
CxnAssign.getCreator() -> String				
CxnAssign.getIncomingLinks() -> Link[]	X			
CxnAssign.getLastModifier() -> String				
CxnAssign.getLinks() -> Link[]				
CxnAssign.getOutgoingLinks() -> Link[]				
CxnAssign.getReorgMark() -> int				
CxnAssign.getTimeOfCreation() -> ATimeStamp				
CxnAssign.getTimeOfLastModification() -> ATimeStamp				
CxnAssign.isImplicitCxn() -> boolean (also available in Publisher)				
CxnAssign.setReorgMark(int) -> boolean				
CxnDef.getCreator() -> String				
CxnDef.getIncomingLinks() -> Link[]				
CxnDef.getLastModifier() -> String				
CxnDef.getLinks() -> Link[]	X			
CxnDef.getOutgoingLinks() -> Link[]				
CxnDef.getTimeOfCreation() -> ATimeStamp				
CxnDef.getTimeOfLastModification() -> ATimeStamp				
removed CxnDef.CreateExtCxnDef(ConnectableDef,int) -> ExtCxnDef				
removed CxnDef.fromExtCxnDefs() -> ExtCxnDef[]			X	
removed CxnDef.toExtCxnDefs() -> ExtCxnDef[]				
CxnDef.OID() -> int[]				X
CxnLineStyle.getColor() -> Color				
CxnLineStyle.getStyle() -> int				
CxnLineStyle.getWidth() -> int				
CxnLineStyle.isDefault() -> boolean				
CxnLineStyle.setColor(Color) -> void	X			
CxnLineStyle.setColorValue(int) -> void				
CxnLineStyle.setDefault() -> void				
CxnLineStyle.setStyle(int) -> void				
CxnLineStyle.setWidth(int) -> void				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
CxnOcc.getDefinition() -> CxnDef (also available in Publisher)	X			
CxnOcc.getIncomingLinks() -> Link[]				
CxnOcc.getLineStyle() -> CxnLineStyle (also available in Publisher)				
CxnOcc.getLinks() -> Link[]				
CxnOcc.getOutgoingLinks() -> Link[]				
CxnOcc.getPoints() -> Point[] (also available in Publisher)				
CxnOcc.getSource() -> ObjOcc (also available in Publisher)				
CxnOcc.getTarget() -> ObjOcc (also available in Publisher)				
CxnOcc.setLineStyle(CxnLineStyle) -> boolean				
CxnOcc.setPoints(Point[]) -> boolean				
CxnOcc.CxnDef() -> CxnDef (also available in Publisher)				X
CxnOcc.GetLine() -> int[] (also available in Publisher)				
CxnOcc.PointList() -> Point[] (also available in Publisher)				
CxnOcc.SetPointList(Point[]) -> boolean				
CxnOcc.SourceObjOcc() -> ObjOcc (also available in Publisher)				
CxnOcc.SetPointList(Point[]) -> boolean				
CxnOcc.SourceObjOcc() -> ObjOcc (also available in Publisher)				
removed CxnOcc.ObjectID(int) -> String (also available in Publisher)			X	
removed CxnOcc.fromExtCxnOccs() -> ExtCxnOcc[]				
removed CxnOcc.toExtCxnOccs() -> ExtCxnOcc[]				
removed class DMSCredentials			X	
removed class DMSFileItem				
removed class DMSIntegration				
removed class DMSLock				
removed class DMSLockOptions				
removed class DMSObject				
removed class DMSProvider				
removed class DMSResultEntry				
removed class DMSSearchQuery				
removed class DMSVersion				
removed class DMSVersionCreationOptions				
removed class DTD				
Database users are no longer stored in the ARIS database, but in the UserManagement (UMC). The corresponding report methods consequently manage the users in the UMC, so they still work „as expected“.				
The term „AssignedUser“ is used for a user having the right to (at least) view the database content. Non-assigned user do not even see the database in the explorer.				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
Database.AssignedUserGroups() -> UserGroup[]				
Database.AssignedUsers() -> User[]				
Database.CreateUser(String,String,int[],boolean,int) -> User				
Database.CreateUserGroup(String,int[],int) -> UserGroup				
Database.getArisData() -> ArisData				
Database.getCreator() -> String				
Database.getDefaultFilter() -> String				
Database.getLastModifier() -> String	X			
Database.getPaletteGUID() -> String				
Database.getReturnSystemAttributes() -> boolean				
Database.getTimeOfCreation() -> ATimestamp				
Database.getTimeOfLastModification() -> ATimestamp				
Database.setDefaultFilter(String) -> boolean				
Database.setPaletteGUID(String) -> boolean				
Database.setReturnSystemAttributes(boolean) -> void				
Database.OID() -> int[]				X
DbInfo.getCount(int) -> long	X			
DeployResult.getMessages() -> List	X			
DeployResult.getState() -> boolean				
removed class DiagramType			X	
DialogTemplate.SetProperties(String[]) -> void	X			
removed class DisplayOption			X	
Visio import component API: var vImport = Context. getComponent(„VisioImport“):				
DrawingImport.getBPMNSupport() -> ReportBPMNSupport	X			
DrawingImport.getMapping(byte[],byte[],MethodFilter) -> Mapping				
DrawingImport.loadDrawingFile(String,byte[]) -> VisioLoader				
DrawingImport.loadDrawingFile(String,byte[],String) -> VisioLoader				
removed class EdgeSymbol				
removed class ExtCxnDef			X	
removed class ExtCxnOcc				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
FontStyle.getCreator() -> String	X			
FontStyle.getLastModifier() -> String				
FontStyle.getTimeOfCreation() -> ATimestamp				
FontStyle.getTimeOfLastModification() -> ATimestamp				
FontStyle.OID() -> int[]				X
FontStyle.remove() -> boolean [9.8 SR4]	X			
GfxObj.get3DEffect() -> boolean (also available in Publisher)	X			
GfxObj.set3DEffect(boolean) -> boolean				
„Group“ is now derived from „ObjDef“, so it has some more members. Classic ARIS groups have TypeNum()==Constants.OT_GROUP	X			
Group.AssignedModels() -> Model[]				
Group.AssignedModels(int) -> Model[]				
Group.AssignedModels(int[]) -> Model[]				
Group.ChangeGroup(Group) -> boolean				
Group.Consolidate(ObjDef[]) -> boolean				
Group.Consolidate(ObjDef[],boolean) -> boolean				
Group.Consolidate(ObjDef[],boolean,boolean) -> boolean				
Group.Consolidate(ObjDef[],boolean,boolean,boolean) -> boolean				
Group.CreateAssignment(Model) -> boolean				
Group.CreateAssignment(Model,boolean) -> boolean				
Group.CreateCxnDef(ObjDef,int) -> CxnDef				
Group.CxnList() -> CxnDef[] (also available in Publisher)				
Group.CxnList(Model[]) -> CxnDef[] (also available in Publisher)				
Group.CxnList(int) -> CxnDef[] (also available in Publisher)				
Group.CxnList(int,Model[]) -> CxnDef[] (also available in Publisher)				
Group.CxnListFilter(int) -> CxnDef[] (also available in Publisher)				
Group.CxnListFilter(int,String,int) -> CxnDef[] (also available in Publisher)				
Group.CxnListFilter(int,String,int,int) -> CxnDef[] (also available in Publisher)				
Group.CxnListFilter(int,String,int,int,int) -> CxnDef[] (also available in Publisher)				
Group.CxnListFilter(int,int) -> CxnDef[] (also available in Publisher)				
Group.CxnListFilter(int,int[]) -> CxnDef[] (also available in Publisher)				
Group.DeleteAssignment(Model) -> boolean				
Group.GetDefaultSymbolNum() -> int (also available in Publisher)				
Group.GetReorgMark() -> int				
Group.Group() -> Group (also available in Publisher)				
Group.HasVariants() -> boolean (also available in Publisher)				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
Group.Identifier(int) -> String (also available in Publisher)	X			
Group.IsVariant() -> boolean (also available in Publisher)				
Group.LinkVariant(ObjDef) -> boolean				
Group.Master() -> ObjDef (also available in Publisher)				
Group.OccList() -> ObjOcc[] (also available in Publisher)				
Group.OccList(Model[]) -> ObjOcc[] (also available in Publisher)				
Group.OccListInModel(Model) -> Occ[] (also available in Publisher)				
Group.OID() -> int[]				X
Group.SetDefaultSymbolNum(int,boolean) -> boolean	X			
Group.SetReorgMark(int) -> boolean				
Group.Type() -> String (also available in Publisher)				
Group.Type(boolean) -> String (also available in Publisher)				
Group.TypeNum() -> int				
Group.UnlinkVariant(ObjDef) -> boolean				
Group.Variants() -> ObjDef[] (also available in Publisher)				
Group.Variants(Group[]) -> ObjDef[] (also available in Publisher)				
Group.getConnectedObjs(int) -> ObjDef[] (also available in Publisher)				
Group.getConnectedObjs(int[]) -> ObjDef[] (also available in Publisher)				
Group.getConnectedObjs(int[],int) -> ObjDef[] (also available in Publisher)				
Group.getConnectedObjs(int[],int,int[]) -> ObjDef[] (also available in Publisher)				
Group.getCreator() -> String				
Group.getDefaultSymbolGUID() -> String (also available in Publisher)				
Group.getDefaultSymbolNum() -> int (also available in Publisher)				
Group.getDuration(int,Date,int) -> Date (also available in Publisher)				
Group.getEndDate(int,int,int) -> Date (also available in Publisher)				
Group.getIncomingLinks() -> Link[]				
Group.getLastModifier() -> String				
Group.getLinks() -> Link[]				
Group.getLockOwner() -> String				
Group.getNextWorkingDate(int,int) -> Date (also available in Publisher)				
Group.getOutgoingLinks() -> Link[]				
Group.getReorgMark() -> int				
Group.getSubTypeNum() -> int (also available in Publisher)				
Group.getTimeOfCreation() -> ATimestamp				
Group.getTimeOfLastModification() -> ATimestamp				
Group.setDefaultSymbolGUID(String,boolean) -> boolean				
Group.setDefaultSymbolNum(int,boolean) -> boolean				
Group.setReorgMark(int) -> boolean				
Group.setSubTypeNum(int) -> boolean				

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

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

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
MethodFilter.AttrGroupChildren(int,boolean) -> int[] (also available in Publisher) MethodFilter.AttrGroupChildren(int,int,int,boolean) -> int[] (also available in Publisher) MethodFilter.AttrGroupParents(int) -> int[] (also available in Publisher) MethodFilter.AttrSymbols(int) -> int[] MethodFilter.AttrTypesOfAttrGroup(int,boolean) -> int[] (also available in Publisher) MethodFilter.AttrTypesOfAttrGroup(int,int,int,boolean) -> int[] (also available in Publisher) MethodFilter.AttrValueSymbol(int,int) -> Integer MethodFilter.SymbolGraphic(int,String,boolean) -> PictureBase MethodFilter.fromAPIName(String) -> int MethodFilter.getMetamodelItems(int,int) -> int[] (also available in Publisher) MethodFilter.getMetamodelName(int) -> String (also available in Publisher) MethodFilter.getMetamodels() -> int[] (also available in Publisher) MethodFilter.getMethodLocale() -> int (also available in Publisher) MethodFilter.getMethodLocales() -> MethodLocale[] 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) Model.ObjDefListBySymbols(int[]) -> ObjDef[] (also available in Publisher) Model.getCreator() -> String Model.getIncomingLinks() -> Link[] Model.getLastModifier() -> String Model.getLinks() -> Link[] Model.getLockOwner() -> String Model.getOutgoingLinks() -> Link[] Model.getTimeOfCreation() -> ATimeStamp Model.getTimeOfLastModification() -> ATimeStamp Model.OID() -> int[] removed Model.AddBusinessCase(Model) -> boolean removed Model.OriginalModel() -> Model removed Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[]) -> ExtCxnOcc removed Model. CreateExtCxnOcc(ConnectableOcc,ConnectableOcc,ExtCxnDef,Point[],boolean) -> ExtCxnOcc	X		X	X
ModelGenerationOptions.hideProcessInterfacesSpecial(boolean) -> void ModelGenerationOptions.setOnlyOneSatelliteTypeInHeader(long) -> void	X			

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

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

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

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
RunResult.getMessage() -> List	X			
ScriptAdmin report API:				
ScriptAdmin.createCategory(int,int,String) -> String				
ScriptAdmin.deleteCategory(int,String) -> boolean				
ScriptAdmin.deleteScript(int,String) -> boolean				
ScriptAdmin.exportFile(int,String,String) -> ZipEntry				
ScriptAdmin.exportScript(int,String,String[]) -> byte[]				
ScriptAdmin.getCategories(int,int) -> ScriptCategoryRI[]				
ScriptAdmin.getCategoryNames(int,String) -> Map				
ScriptAdmin.getScriptComponents() -> ScriptComponentInfoRI[]				
ScriptAdmin.getScriptInfos(int,String,int) -> ScriptInfoRI[]				
ScriptAdmin.importFile(int,String,String,byte[]) -> String				
ScriptAdmin.importScript(int,String,byte[],String[]) -> String				
ScriptAdmin.renameCategory(int,String,int,String) -> boolean	X			
ScriptAdmin.unzip(byte[]) -> byte[]				
ScriptAdmin.zip(byte[]) -> byte[]				
ScriptCategory.getCategoryID() -> String				
ScriptCategory.getComponentID() -> int				
ScriptCategory.getName() -> String				
ScriptComponentInfo.getComponentID() -> int				
ScriptComponentInfo.getComponentName() -> String				
ScriptInfo.getDescription() -> String				
ScriptInfo.getID() -> String				
ScriptInfo.getImports() -> String[]				
ScriptInfo.getName() -> String				
ScriptInfo.isSimpleFile() -> boolean				
ServerAdmin.backupDatabase(Database) -> byte[]				
ServerAdmin.backupDatabase(Database,File) -> boolean	X			
ServerAdmin.countDbItems(Database,int[]) -> DbInfo				
!!last parameter was removed!! ServerAdmin.createArisDatabase(String,boolean) -> boolean		X		
ServerAdmin.reorganiseArisDatabase(Database,String) -> int				
ServerAdmin.reorganiseArisDatabase(Database,String,Collection) -> int	X			
ServerAdmin.restoreDatabase(File,String) -> boolean				
ServerAdmin.restoreDatabase(byte[],String) -> boolean				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
removed class Symbol			X	
TextDef.getCreator() -> String	X			
TextDef.getLastModifier() -> String				
TextDef.getTimeOfCreation() -> ATimeStamp				
TextDef.getTimeOfLastModification() -> ATimeStamp				
TextDef.OID() -> int[]				X
TextOcc.getIncomingLinks() -> Link[]	X			
TextOcc.getLinks() -> Link[]				
TextOcc.getOutgoingLinks() -> Link[]				
changed result type TextOcc.setDisplayAsPostIt(boolean) -> boolean		X		
removed TextOcc.ObjectID(int) -> String (also available in Publisher)			X	
UML2 scripting:				
Omf*	X			
OmfScripting*				
Uml2Scripting*				
UML 1.x scripting				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
removed class UmlEdgePresentation				
removed class UmlNodePresentation				
removed class UmlPresentation			X	
removed class UmlReport				
removed class UmlScripting				
removed class UmlScriptingException				

UMC report component interface:	New	Changed	Removed	Deprecated
UMC.getAllLicenses() -> List				
UMC.getAllPrivileges(boolean,boolean) -> List				
UMC.getAllUsergroups() -> List				
UMC.getAllUsers() -> List				
UMC.getAssignedUsergroupsForUser(UmcUser) -> List				
UMC.getAssignedUsergroupsForUserName(String) -> List				
UMC.getAssignedUsersForUsergroup(UmcUsergroup) -> List				
UMC.getAssignedUsersForUsergroupName(String) -> List				
UMC.getCurrentUser() -> UserWrapper				
UMC.getPrivilegesForUser(UmcUser,boolean,boolean,boolean) -> List				
UMC.getPrivilegesForUserName(String,boolean,boolean,boolean) -> List				
UMC.getPrivilegesForUsergroup(UmcUsergroup,boolean,boolean) -> List				
UMC.getPrivilegesForUsergroupName(String,boolean,boolean) -> List				
UMC.getSessionsForUser(UmcUser) -> List				
UMC.getSessionsForUserName(String) -> List				
UMC.getUserById(String) -> UserWrapper				
UMC.getUserByName(String) -> UserWrapper				
UMC.getUsergroupById(String) -> UsergroupWrapper				
UMC.getUsergroupByName(String) -> UsergroupWrapper				
UMC.getUsergroupsForPrivilegeQualifier(String) -> List				
UMC.getUsersForPrivilegeQualifier(String) -> List				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
UmLicense.compareTo(Object) -> int	X			
UmLicense.getConsumedSeats() -> long				
UmLicense.getExpirationDate() -> String				
UmLicense.getFreeSeats() -> long				
UmLicense.getName() -> String				
UmLicense.getPrivilege() -> PrivilegeWrapper				
UmLicense.getProduct() -> ProductWrapper				
UmLicense.getQuantity() -> long				
UmLicense.getType() -> String				
UmPrivilege.compareTo(Object) -> int	X			
UmPrivilege.getDisplayName() -> String				
UmPrivilege.getId() -> String				
UmPrivilege.getName() -> String				
UmPrivilege.isLicensePrivilege() -> boolean				
UmProduct.getCode() -> String	X			
UmProduct.getName() -> String				
UmProduct.getParent() -> ProductWrapper				
UmSession.getCreated() -> String	X			
UmUser.compareTo(Object) -> int	X			
UmUser.getAttributes() -> Map				
UmUser.getCreated() -> String				
UmUser.getDescription() -> String				
UmUser.getEmail() -> String				
UmUser.getFirstName() -> String				
UmUser.getId() -> String				
UmUser.getLDAPDN() -> String				
UmUser.getLastName() -> String				
UmUser.getName() -> String				
UmUser.getPhone() -> String				
UmUser.isLDAP() -> boolean				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
UmclUsergroup.compareTo(Object) -> int	X			
UmclUsergroup.getAttributes() -> Map				
UmclUsergroup.getCreated() -> String				
UmclUsergroup.getDescription() -> String				
UmclUsergroup.getId() -> String				
UmclUsergroup.getLDAPDN() -> String				
UmclUsergroup.getName() -> String				
UmclUsergroup.isLDAP() -> boolean				
The standard report „User“ object:				X
User.IsAssigned() -> boolean	X			
User.getCreator() -> String				
User.getCustomAttribute(String) -> String				
User.getCustomAttributes() -> Map				
User.getLastModifier() -> String				
User.getTimeOfCreation() -> ATimeStamp				
User.getTimeOfLastModification() -> ATimeStamp				
User.setCustomAttribute(String,String) -> boolean				
User.OID() -> int[]				X
The standard report “UserGroup” object				X

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
UserGroup.IsAssigned() -> boolean	X			
UserGroup.getCreator() -> String				
UserGroup.getCustomAttribute(String) -> String				
UserGroup.getCustomAttributes() -> Map				
UserGroup.getLastModifier() -> String				
UserGroup.getTimeOfCreation() -> ATimeStamp				
UserGroup.getTimeOfLastModification() -> ATimeStamp				
UserGroup.setCustomAttribute(String,String) -> boolean				
UserGroup.OID() -> int[]				X

Part of visio import API	New	Changed	Removed	Deprecated
VAnnotation.toString() -> String	X			
VConnect.getFromCell() -> String				
VConnect.getFromPart() -> String				
VConnect.getFromSheet() -> String				
VConnect.getToCell() -> String				
VConnect.getToPart() -> String				
VConnect.getToSheet() -> String				
VConnect.toString() -> String				
VGeometry.getElement() -> Element				
VGeometry.getEllipse() -> List				
VGeometry.getLineTo() -> List				
VGeometry.getMoveTo() -> List				
VGeometry.getNamespace() -> Namespace				
VGeometry.toString() -> String				
VIS_Master.addShapeOfMaster(String,String,String,int) -> void				
VIS_Master.addShapesOfMaster(List) -> void				
VIS_Master.getAllShapesOfMaster() -> HashMap				
VIS_Master.getMasterID() -> String				
VIS_Master.getMasterNameU() -> String				
VIS_Master.getMasterReadableName() -> String				
VIS_Master.getMasterSymbolNum() -> int				
VIS_Master.getMasterUniqueID() -> String				
VIS_Master.getShapeNameUOfMasterByShapelID(String) -> String				
VIS_Master.getShapeSymbolNumOfMasterShapeByShapelID(String) -> int				
VIS_Master.isIsHidden() -> boolean				
VIS_Master.toString() -> String				
VIS_MasterShape.getID() -> String				

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
VIS_MasterShape.getName() -> String				
VIS_MasterShape.getNameU() -> String				
VIS_MasterShape.getSymbolNum() -> int				
VIS_MasterShape.toString() -> String				
VIS_PointOfReference.applyScale(double) -> double				
VIS_PointOfReference.applyScale(double,String) -> double				
VIS_PointOfReference.copy() -> VIS_PointOfReference				
VIS_PointOfReference.getArisPosition(VisioLoader,VShape) -> Point				
VIS_PointOfReference.getLinePoint(Point2D\$Double) -> Point				
VIS_PointOfReference.initPointRef(VisioLoader,VShape,boolean) -> void				
VIS_PointOfReference.toString() -> String				
VName.getName() -> String				
VName.getNameU() -> String				
VName.toString() -> String				
VPage.getName() -> String				
VPage.getNameU() -> String				
VPage.getPageElement() -> Element				
VPage.name() -> String				
VPage.toString() -> String				
VShape.getID() -> String				
VShape.getMaster() -> String	X			
VShape.getNameU() -> String				
VShape.getShapeElement() -> Element				
VShape.getText() -> String				
VShape.getType() -> String				
VShape.name() -> String				
VShape.toString() -> String				
VShapeSize.toString() -> String				
VisioLoader.createNewVisPointOfReference(VPage) -> VIS_PointOfReference				
VisioLoader.destroy() -> void				
VisioLoader.getAlignH(VShape) -> int				
VisioLoader.getAlignV(VShape) -> int				
VisioLoader.getChildShapes(VPage) -> VShape[]				
VisioLoader.getChildShapes(VShape) -> VShape[]				
VisioLoader.getChildrenRecursive(VPage,String) -> Map				
VisioLoader.getColor(String) -> Integer				
VisioLoader.getConnects(VPage) -> VConnect[]				
VisioLoader.getFileName() -> String				
VisioLoader.getHeight(VShape) -> double				
VisioLoader.getHyperlink(VShape) -> String				

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

New/removed/deprecated/changed methods:	New	Changed	Removed	Deprecated
ArisData.createConfigurationFilter(String,int,String,String,boolean) -> ConfigurationFilterAccess				X
Context.deleteFile(String,int) -> boolean. Deletes a "file" controlled by the report environment	X			
removed Context.getTempPath() -> String (also available in Publisher)			X	

Useful report hints

1. 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: up to 10x time to create the image (due to a bug in an external library that will hopefully be fixed soon)

2. Open other databases using ArisData.openDatabase()

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

3. Save memory by using Database.clearCaches()

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

4. Clean up after an error! especially

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

5. Always use try / catch for error handling. You can report detailed error logs to the user using this 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)
}
```

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