JOBS

UTSYSTEM   
-**POLLING-INTERVAL = 5**  
-EVMGRS\_EV\_IN\_BULK = 0  
-EVMGRS\_POLLING\_ON = 0  
-**EVMGRS\_1QBYINSTANCE = 0**-EVMGRS\_COLLECTSTAT = 0  
**-DBA\_NAME = UNILAB**JOB\_SETCONCUSTOMPAR = null

APAO\_OUTDOOR.STARTOUTDOOREVENTMGR;

cxapp.startalldbjobs

UNAPIEV.StartAllMgrs;

EXTRA-LOG/TRACING:  
UNTRACE.LOG  
UNAPIGEN.P\_LOG\_LC\_ACTIONS

UNAPIEV.STARTTimedEventMgr;

UNAPIPLAN.StartSamplePlanner

RegularRelease

StartMeRemGkIsRel

StartWatsonInterface

UNAPIEV.LAUNCHTimedEventMgr;

UNAPIEV.STARTEventMgr;

UNAPIUL.StartUnilink

SyncStStatusWithIS

StartCLearUTERROR

pa\_SpecxInterface.f\_StartInterface;

StartCLeanAtEvlog

STARTAPAOFEA

DBMS\_SCHEDULE.CREATE\_JOB

DBMS\_SCHEDULE.CREATE\_JOB

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_FEA

**(J005), (J006), (J007), (J008)**

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_OUTDOOREVENTMGR

MODULE: DBMS\_SCHEDULER  
ACTION: UNI\_J\_TIMEDEVMGR

DBMS\_JOBS

APAOFEA.ExecuteMeshing

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_EQUIPMGRJOB %

CLearUTERROR

**(J004)**

APAO\_OUTDOOR.OUTDOOREVENTMGR;

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_DEDICEVMGR%

CLeanAtEvlog

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_STEVMGR%

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_U4EVMGR%

UNAPIEV.TimedEventMgr

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_SAMPLEPLANNER

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_UNILINK%

APAOACTION.MeRemoveGk

pa\_SpecxInterface

UNAPIEV.STARTEQManager;

apao\_watson.import\_files

EVENTMANAGERJOB('DEDICEVMGR',201)

**(J003)**

**(J002)**

**(J001)**

**(J000)**

UNAPIPLAN.SamplePlanner

UNAPIUL.Unilink   
UNILINK-ID:= UNICONNECT'  
READ\_FILE - 1'  
EOF\_DETECTION' OS'  
DELIMITER = '\'  
TRACE-LEVEL 3  
TRACE-ON = '1  
UL-TRACE = '', '',   
TZ = 'SERVER')

UNAPIEV.EVENTMANAGERJOB('U4EVMGR',**1**);

UNAPIEV.EVENTMANAGERJOB('U4EVMGR',**3**);

APAOREGULARRELEASE.EvaluateTimeCountBasedl

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_REGULARRELEASE

APAOACTION.STCHANGESSTOAPPROVED

MODULE: DBMS\_SCHEDULER  
ACTION : UNI\_J\_NEWVERMGR%

UNAPIEV.STARTNewVersionMgr;

UNAPIEV.EVENTMANAGERJOB('U4EVMGR',**2**;

UNAPIEV.EVENTMANAGERJOB('STUDY\_EVENT\_MGR',**901**);

DIT IS JOB OM IN UNILAB voor part-no met status=submit, te kijken of deze in NTERSPEC=current geworden is, want dan wordt in UNILAB de status gewijzigd naar approved. (is ook handmatig te runnen bij inconsistente situaties)

UNAPIGEN.SETCONNECTION4INSTALL

**UTEV:** UPDATE UTEV SET D.EVMGR\_NAME = 'U4EVMGR'

UNAPIGEN.SETCONNECTION(‘Unilink’)

UNILINK

UTEVRULESDELAYED

**UTEVRULESDELAYED = LEEG**

UNAPIEV.INSERTTIMEDEVENT

INSERT INTO **UTEVTIMED**  
(EV\_SEQ, CREATED\_ON, CREATED\_ON\_TZ, CLIENT\_ID, APPLIC, DBAPI\_NAME, EVMGR\_NAME, OBJECT\_TP, OBJECT\_ID, OBJECT\_LC, OBJECT\_LC\_VERSION, OBJECT\_SS, EV\_TP, USERNAME, EV\_DETAILS, EXECUTE\_AT)  
VALUES  
(A\_SEQ\_NR, CURRENT\_TIMESTAMP, CURRENT\_TIMESTAMP, UNAPIGEN.P\_CLIENT\_ID, UNAPIGEN.P\_APPLIC\_NAME,A\_API\_NAME,A\_EVMGR\_NAME, A\_OBJECT\_TP, A\_OBJECT\_ID, A\_OBJECT\_LC, A\_OBJECT\_LC\_VERSION, A\_OBJECT\_SS,A\_EV\_TP, L\_USERNAME, A\_EV\_DETAILS, A\_EXECUTE\_AT);  
HUIDIGE INHOUD: **655 EvMgrJob UNACTION.ME\_A06 (ALLEMAAL EXECUTE-AT > SYSDATE (VEEL IN 2021!!!)**

UNAPIEV.L\_OBJ\_CURSOR := DBMS\_SQL.OPEN\_CURSOR;

UNAPIEV2.EVENTMANAGER(L\_TR\_SEQ)

UTULIN

UTEVTIMED

PROCESSONEFILE  
LOC-DIR  
FILE\_NAME  
TO\_PARSE = TRUE  
CF = UNICONNECT.parser  
AFTER\_PROCESS  
EOF\_OK  
FILE\_EXIST

UNAPIEV.EVALUATEEVENTDETAILS

TR\_SEQ =   
P\_CURRENT\_TXN\_SEQ

Loop TX-EVENTS

UTULFILESTATUS

UNAPIEV.FINDDETAILS (SS\_TO, AF, POSTPONED\_AF)

UNAPIEV.PARSEEVENTDETAILS

WriteToLog

**UTEV**INSERT INTO UTEV  
(TR\_SEQ, EV\_SEQ, CREATED\_ON, CREATED\_ON\_TZ, CLIENT\_ID, APPLIC, DBAPI\_NAME, EVMGR\_NAME, OBJECT\_TP, OBJECT\_ID, OBJECT\_LC, OBJECT\_LC\_VERSION, OBJECT\_SS, EV\_TP, USERNAME, EV\_DETAILS)  
SELECT UNAPIGEN.P\_TR\_SEQ, ROWNUM, CREATED\_ON, CREATED\_ON\_TZ, CLIENT\_ID, APPLIC, DBAPI\_NAME,  
 UNAPIGEN.P\_EVMGR\_NAME, OBJECT\_TP, OBJECT\_ID, OBJECT\_LC, OBJECT\_LC\_VERSION, OBJECT\_SS,  
EV\_TP, USERNAME, EV\_DETAILS  
FROM UTEVTIMED   
WHERE EXECUTE\_AT <= L\_CURRENT\_TIMESTAMP;

**TR\_SEQ=TRANSACTION-ID**

**Hoe wordt tr-seq bepaald?**

INDIEN POSTPONED?

UNAPIEV.EXECUTEACTION(UNAPIEV.P\_AF)

UNACTION.L\_AF

UTEV

INDIEN not POSTPONED?

RNDAPIEV.HandleRnDEvents;

UNAPIEV.P\_EV\_REC

UNAPIEV3.HANDLEOBJECTEVENTS  
UNAPIEV3.HANDLERQEVENTS  
UNAPIEV3.HANDLESCEVENTS  
UNAPIEV3.HANDLESCICEVENTS  
UNAPIEV3.HANDLESCIIEVENTS  
UNAPIEV4.HANDLESCPGEVENTS  
UNAPIEV4.HANDLESCPAEVENTS  
UNAPIEV4.HANDLESCMEEVENTS  
UNAPIEV3.HANDLERQICEVENTS  
UNAPIEV3.HANDLERQIIEVENTS  
UNAPIEV3.HANDLESPECIALEVENTS  
UNAPIEV3.HANDLEEQEVENTS  
UNAPIEV3.HANDLEWSEVENTS  
UNAPIEV3.HANDLECHEVENTS  
UNAPIEV3.HANDLESDEVENTS  
UNAPIEV3.HANDLESDICEVENTS  
UNAPIEV3.HANDLESDIIEVENTS

UCONWriteToLog

EXECUTEONEFILE

EXECUTEONEFILE

UTLCTR

UNAPIEV.EVALLIFECYCLE

UTULLOG

UNICONNECT.PARSER

UNACCESS.INITOBJECTACCESSRIGHTS

UNAPIEV.UPDATEOPALOBJECTRECORD(UNAPIEV.P\_SS\_TO)

P\_TEXT\_LINE

**Postponed\_af**

UNAPIEV.EXECUTETRACTIONS

UPDATE UTRQ

UNACTION.<AF>

P\_CUR\_TEXT\_LINE

UCON\_ParseAndExecuteRows

**DBMS\_ALERT\_INFO**  
NAME MESSAGE  
--------------- ----------  
U4EVMGR 514457  
U4EVMGR 514457  
STUDY\_EVENT\_MGR  
DEDICEVMGR  
U4EVMGR 514457

P\_SECTION = '[sc]' UNICONNECT2.UCON\_ExecuteScSection  
P\_SECTION = '[pg]' UNICONNECT2.UCON\_ExecutePgSection  
P\_SECTION = '[pa]' UNICONNECT2.UCON\_ExecutePaSection

UCON\_ParseAndExecuteRow

INSERT UTSCMECELL

P\_SECTION = '[me]' UNICONNECT3.UCON\_ExecuteMeSection  
P\_SECTION = '[cell]' UNICONNECT3.UCON\_ExecuteMeCellSection  
P\_SECTION = '[cell table]'UNICONNECT3.UCON\_ExecuteMeCeTabSection

UNAPISC.SelectSample

UNAPISC.CreateSample

UNAPISC.CopySample

UNAPISC.SaveSample

UNAPIME.P\_CELLSAVED4ME

UNAPIMEP.REANALSCPAFROMDETAILS

UNAPIME3.SAVESCMECELL

UNAPIME2.CREATESCMEDETAILS

UNAPIME.SAVESCMECELL

UNAPIME.getscmecell

UTEV

INSERT UTSCMEHSDETAILS

UNAPIHSDETAILS.ADDSCMECELLHSDETAILS

UPDATE UTSCMECELL

UCON\_ExecuteSection

UTRQ

UTRQSC

UTSC

UNAPIEV.UPDATEOBJECTRECORD(UNAPIEV.P\_SS\_TO)

INDIEN UNAPIEV.P\_EQSC\_EVALEQLC = TRUE ?

UNAPIGEN.ENDTX

UNAPIEV.InsertEvent  
API: ChangeScStatusOrCancel  
EV-TP: SAMPLE-created/Updated

P\_SECTION = '[ic]' UNICONNECT4.UCON\_ExecuteScIcSection  
P\_SECTION = '[ii]' UNICONNECT4.UCON\_ExecuteScIiSection

UNAPIEV.EVALUATEEVENTRULES(LI\_RULES\_LOADED)

UNAPIEV.EXECUTETRACTION

ChangeScStatusorCancel

UNAPISC.AddScComment

UNCONDITION.'|| UNAPIEV.P\_EVRULE\_REC.CONDITION

UNAPIEV.EVALUATEEVENTDETAILS

P\_SECTION = '[switchuser]' UNICONNECT7.UCON\_ExecuteSwitchUsSection  
P\_SECTION = '[resetglobals]'UNICONNECT7.UCON\_ExecuteResetGlobSection

'ss\_completed' 'ss\_cancelled'  
'ss\_out\_of\_warning\_conf''ss\_out\_of\_spec\_conf'  
'ss\_out\_of\_spec' 'ss\_irrelevant'  
'ss\_available' 'ss\_planned'  
'au\_wait\_for' 'mtcell\_in\_execution'  
'mtcell\_hours2wait'

UTSCMEHS

UTSCMEHSDETAILS

UTSCMECELL

UNAPIME.InsertEvent  
API: SaveScMeCell  
EV-TP:: MeDetailsUpdated

**EVENT-type (EV\_TP):**'LoadEvRules'  
'TraceOn'  
'TraceOff'  
'STOP'  
'EventServicesUpdated'  
'IgnoreThisEvent'

UNAPIEV4:  
'ParameterGroupCreated'

**Fout-combinatie (OBJECT\_TP – EV\_TP):**

IF UNAPIEV.P\_EV\_REC.OBJECT\_TP IN ('gk','lu','ly','lo','cs','tbl','blob','cfdll')   
THEN IF UNAPIEV.P\_EV\_REC.EV\_TP <> 'LoadEvRules'   
THEN UNAPIEV.P\_EV\_REC.EV\_TP := 'IgnoreThisEvent';

**OBJECT-type (OBJECT\_TP):**

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLEOBJECTEVENTS; END IF; EV\_TP IN ('ObjectCreated'  
 ,'ObjectCopied') OBJECT\_TP = alle  
 EV\_TP IN ('ObjectImported'  
 ,'ObjectUpdated'  
 ,'ObjectBecomesCurrent'  
 ,'StGroupKeyUpdated'  
 ,'RtGroupKeyUpdated'  
 ,'PtGroupKeyUpdated'  
 ,'DcGroupKeyUpdated'  
 ,'MtMeasurementRangesUpdated'  
 ,'MtExperienceLevelUpdated'  
 ,'UsExperienceLevelUpdated'  
 ,'ObjectCloned'  
 ,'EnterprUs1StConnect') OBJECT\_TP = alle  
 EV\_TP = 'AttributesUpdated' OBJECT\_TP = alle  
 EV\_TP = 'ObjectStatusChanged' OBJECT\_TP = alle  
 EV\_TP = 'ObjectCanceled' OBJECT\_TP = alle  
 EV\_TP = 'ObjectLifeCycleChanged' OBJECT\_TP = alle  
 EV\_TP = 'UsedObjectsUpdated' OBJECT\_TP = alle  
 EV\_TP = 'AccessRightsUpdated' OBJECT\_TP = alle  
 EV\_TP IN ('LayoutChanged'  
 ,'LayoutCreated'  
 ,'PpSpecsUpdated'  
 ,'GroupKeyUpdated'  
 ,'GroupKeyCreated'  
 ,'SystemDefaultUpdated') OBJECT\_TP = alle  
 EV\_TP IN ('ObjectDeleted'  
 ,'UsedObjectDeleted') OBJECT\_TP = alle

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**RQ**EVENTS; END IF; EV\_TP IN ('RequestCreated'  
 ,'RequestPlanned')   
 EV\_TP IN ('RqStatusChanged'  
 ,'RqCanceled')  
 EV\_TP = 'RqLifeCycleChanged'  
 EV\_TP IN ('RequestUpdated'  
 , 'RequestImported'  
 ,'RqAttributesUpdated'  
 ,'RqAccessRightsUpdated'  
 , 'RqGroupKeyUpdated'  
 ,'RqInfoCreated'  
 , 'RqSampleCreated'  
 , 'RqPpUpdated'  
 ,'RqPpAttributesUpdated'  
 ,'RequestCopied')  
 EV\_TP IN ('Rq1SampleAdded'  
 ,'RqSamplesAdded')  
 EV\_TP = 'RqSampleRemoved'  
 EV\_TP = 'RequestDeleted'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**SC**EVENTS; END IF; EV\_TP IN ('SampleCreated'  
 ,'SamplePlanned') OBJECT\_TP = 'sc' , 'rq'   
 EV\_TP = 'ScStatusChanged' OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP = 'ScCanceled' OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP = 'ScLifeCycleChanged' OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP IN ('SampleUpdated'  
 , 'SampleImported'  
 ,'ScInfoCreated',   
 'ScAnalysesCreated'  
 ,'ScGroupKeyUpdated'  
 ,'ScAttributesUpdated',  
 'ScAccessRightsUpdated'  
 ,'SampleCopied','SampleExported',  
 'ScTestPlanAdded'  
 ,'SdScTpReachedSet') OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP IN ('TpUpFront'  
 , 'TpReached'  
 , 'TpOverdue') OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP = 'SampleDeleted' OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP = 'ScSampleTypeChanged' OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP = 'ScRequestModified' OBJECT\_TP = 'sc' , 'rq'  
 EV\_TP = 'ScActivate' OBJECT\_TP = 'sc' , 'rq'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**SCIC**EVENTS; END IF; EV\_TP = 'InfoCardCreated' OBJECT\_TP = 'ic' , 'sc' , 'rq'  
 EV\_TP IN ('InfoCardCopied'  
 ,'InfoCardUpdated'  
 ,'IcLifeCycleChanged'  
 ,'IcAttributesUpdated'  
 ,'IcAccessRightsUpdated'  
 ,'InfoFieldValuesChanged') OBJECT\_TP = 'ic' , 'sc' , 'rq'   
 EV\_TP = 'InfoCardDeleted' OBJECT\_TP = 'ic' , 'sc' , 'rq'   
 EV\_TP IN ('IcStatusChanged'  
 ,'IcCanceled') OBJECT\_TP = 'ic' , 'sc' , 'rq'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**SCII**EVENTS; END IF; EV\_TP = 'InfoFieldCreated' OBJECT\_TP = 'ii' , 'ic' , 'sc' , 'rq'  
 EV\_TP = 'InfoFieldUpdated' OBJECT\_TP = 'ii' , 'ic' , 'sc' , 'rq'  
 EV\_TP = 'InfoFieldDeleted' OBJECT\_TP = 'ii' , 'ic' , 'sc' , 'rq'  
 EV\_TP = 'InfoFieldValueChanged' OBJECT\_TP = 'ii' , 'ic' , 'sc' , 'rq'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV4.HANDLE**SCPG**EVENTS; END IF; EV\_TP = 'ParameterGroupCreated' OBJECT\_TP =’pg’ , 'sc' , 'rq'   
 EV\_TP = 'PgStatusChanged' OBJECT\_TP = 'pg' , 'sc' , 'rq'   
 EV\_TP = 'PgCanceled' OBJECT\_TP = 'pg' , 'sc', 'rq'  
 EV\_TP = 'PgDetailsReanalysis' OBJECT\_TP = 'pg' , 'sc' , 'rq'  
 EV\_TP IN ('PgLifeCycleChanged'  
 ,'PgAttributesUpdated'  
 ,'PgAccessRightsUpdated') OBJECT\_TP = 'pg' , 'sc' , 'rq'  
 EV\_TP IN ('ParameterGroupUpdated'  
 , 'ClosePg' ) OBJECT\_TP = 'pg' (+pa), 'sc' , 'rq'   
 EV\_TP = 'ParameterGroupDeleted' OBJECT\_TP = 'pg', 'sc' , 'rq'  
 EV\_TP = 'PgActivate' OBJECT\_TP = 'pg' , (+pa) , 'sc' , 'rq' **(=> incl TIMEDEVENTS PARAMETERS !)**

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV4.HANDLE**SCPA**EVENTS; END IF; EV\_TP = 'ParameterCreated' OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq'  
 EV\_TP = 'PaStatusChanged' OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq'  
 EV\_TP = 'PaCanceled' OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq'  
 EV\_TP = 'PaReanalysis' OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq'  
 EV\_TP IN ('PaSpecsUpdated'  
 ,'PaValidationDone'  
 , 'PaAssignConfirmed'  
 ,'PaLifeCycleChanged'  
 ,'PaAttributesUpdated'  
 ,'PaAccessRightsUpdated'  
 ,'PaChartRecalculated') OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq' ,   
 EV\_TP = 'ParameterUpdated' OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq'   
 EV\_TP = 'PaActivate' OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq' **(=> incl TIMEDEVENTS PARAMETERS !)**  
 EV\_TP IN ('PaResultUpdated'  
 ,'ParameterDeleted') OBJECT\_TP = 'pa' , 'pg' , 'sc' , 'rq'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV4.HANDLE**SCME**EVENTS; END IF; EV\_TP = 'MethodCreated' OBJECT\_TP = 'me', 'pa' , 'pg' , 'sc' , 'rq' , 'ws'   
 EV\_TP = 'MeStatusChanged' OBJECT\_TP = 'me' , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'  
 EV\_TP = 'MeCanceled' OBJECT\_TP = 'me' , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'  
 EV\_TP = 'MeReanalysis' OBJECT\_TP = 'me' , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'  
 EV\_TP = 'MeResultUpdated' OBJECT\_TP = 'me' , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'  
 EV\_TP IN ('EvaluateMeDetails'  
 , 'MeLifeCycleChanged'  
 , 'MeActivate'  
 ,'MeAttributesUpdated'  
 , 'MeGroupKeyUpdated'  
 ,'MeDetailsDeleted'  
 , 'MeDetailsUpdated'  
 ,'MeAccessRightsUpdated' ) OBJECT\_TP = 'me' , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'  
 EV\_TP = 'EvaluateMeDetails' <geen object-type>  
 EV\_TP = 'MeDetailsUpdated' <geen object-type>  
 EV\_TP IN ('MethodUpdated'  
 ,'WorksheetCompleted'  
 ,'MethodImported') OBJECT\_TP = 'me' , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'  
 EV\_TP = 'MethodDeleted' OBJECT\_TP = 'me' , 'pg' , 'sc' , 'rq' , 'ws'   
 EV\_TP = 'MeDetailsCreated' OBJECT\_TP = 'me' (+mecell) , 'pa' , 'pg' , 'sc' , 'rq' , 'ws'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**RQIC**EVENTS; END IF; EV\_TP = 'RqInfoCardCreated' OBJECT\_TP = 'rqic', 'rq' ,   
 EV\_TP IN ('RqInfoCardUpdated',  
 'RqInfoCardCopied'  
 ,'RqIcLifeCycleChanged',  
 'RqIcAttributesUpdated'  
 ,'RqIcAccessRightsUpdated'  
 ,'RqInfoFieldValuesChanged') OBJECT\_TP = 'rqic' , 'rq'  
 EV\_TP = 'RqInfoCardDeleted' OBJECT\_TP = 'rqic' , 'rq'  
 EV\_TP IN ('RqIcStatusChanged'  
 ,'RqIcCanceled') OBJECT\_TP = 'rqic' , 'rq'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**RQII**EVENTS; END IF; EV\_TP = 'RqInfoFieldCreated' OBJECT\_TP = 'rqii' , 'rqic' , 'rq'  
 EV\_TP = 'RqInfoFieldUpdated' OBJECT\_TP = 'rqii' , 'rqic' , 'rq'  
 EV\_TP = 'RqInfoFieldDeleted' OBJECT\_TP = 'rqii' , 'rqic' , 'rq'  
 EV\_TP = 'RqInfoFieldValueChanged' OBJECT\_TP = 'rqii' , 'rqic' , 'rq'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLESPECIALEVENTS; END IF; EV\_TP IN ('XsltUpdated', 'XsltDeleted')  
 EV\_TP = 'TrendInfoUpdated'  
 EV\_TP = 'ScShelfLifeExceeded'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**EQ**EVENTS; END IF; EV\_TP IN ('EqWarnLevelChanged'  
 , 'EqCaWarnLevelChanged' )   
 EV\_TP = 'EquipmentUsed'  
 EV\_TP IN ('EqConstantsCreated'  
 ,'EqExecRightsUpdated'  
 ,'EqExecRightsCreated'  
 ,'EqCalibrationUpdated'  
 ,'EqCalibrationCreated'  
 ,'EqCommunicationUpdated','  
 EqCommunicationCreated'  
 ,'EqMeasurementRangesUpdated'  
 ,'EqMeasurementRangesCreated')  
 EV\_TP IN ('Eq1ConstantCreated'  
 ,'Eq1ConstantUpdated'  
 ,'EqConstantsUpdated')

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**WS**EVENTS; END IF; EV\_TP = 'WorksheetCreated' OBJECT\_TP = 'ws'  
 EV\_TP = 'WsStatusChanged' OBJECT\_TP = 'ws'  
 EV\_TP = 'WsCanceled' OBJECT\_TP = 'ws'  
 EV\_TP = 'WsLifeCycleChanged' OBJECT\_TP = 'ws'  
 EV\_TP = 'WsDetailsUpdated' OBJECT\_TP = 'ws'  
 EV\_TP IN ('WorksheetUpdated'  
 , 'WsGroupKeyUpdated'  
 ,'WsAttributesUpdated',  
 'WsAccessRightsUpdated'  
 ,'WorksheetImported') OBJECT\_TP = 'ws'  
 EV\_TP IN ('WsRowCreated'  
 ,'WsRowUpdated',  
 'WsRowDeleted'  
 ,'WsSampleCreated') OBJECT\_TP = 'ws'  
 EV\_TP = 'WorksheetDeleted' OBJECT\_TP = 'ws'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**CH**EVENTS; END IF; EV\_TP = 'ChartCreated'  
 EV\_TP IN ('ChartUpdated'  
 ,'ChartDatapointUpdated'  
 ,'ChartDatapointCreated'  
 ,'ChAttributesUpdated'  
 ,'ChAccessRightsUpdated'  
 ,'ChGroupKeyUpdated')  
 EV\_TP IN ('ChartDeleted'  
 ,'UsedObjectDeleted')  
 EV\_TP = 'ChCanceled'  
 EV\_TP = 'ChLifeCycleChanged'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**SD**EVENTS; END IF; EV\_TP IN ('StudyCreated'  
 ,'StudyPlanned')  
 EV\_TP IN ('SdStatusChanged'  
 ,'SdCanceled')  
 EV\_TP = 'SdLifeCycleChanged'  
 EV\_TP = 'T0\_dateSet'  
 EV\_TP IN ('StudyUpdated'  
 , 'SdAttributesUpdated'  
 ,'SdAccessRightsUpdated',   
 'SdGroupKeyUpdated'  
 ,'SdInfoCreated'  
 , 'SdSampleCreated',   
 'SdPpUpdated'  
 ,'SdPpAttributesUpdated'  
 ,'SdCellSamplesUpdated',  
 'SdTimePointsUpdated'  
 ,'SdConditionSetsUpdated'  
 ,'SdCellSampleAdded',   
 'SdCellSampleLocationUpdated'  
 ,'SdCellSampleDeleted'  
 ,'SdCsConditionUpdated',  
 'SdCellSampleLocationEnded'  
 ,'StudyImported')  
 EV\_TP IN ('Sd1SampleAdded'  
 ,'SdSamplesAdded')  
 EV\_TP = 'SdSampleRemoved'  
 EV\_TP = 'StudyDeleted'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**SDIC**EVENTS; END IF; EV\_TP = 'SdInfoCardCreated' OBJECT\_TP = 'sdic' , 'sd'  
 EV\_TP IN ('SdInfoCardUpdated'  
 ,'SdInfoCardCopied'  
 ,'SdIcLifeCycleChanged',  
 'SdIcAttributesUpdated'  
 ,'SdIcAccessRightsUpdated'  
 ,'SdInfoFieldValuesChanged') OBJECT\_TP = 'sdic' , 'sd'  
 EV\_TP = 'SdInfoCardDeleted' OBJECT\_TP = 'sdic' , 'sd'  
 EV\_TP IN ('SdIcStatusChanged'  
 ,'SdIcCanceled') OBJECT\_TP = 'sdic' , 'sd'

IF NOT L\_EVENT\_PROCESSED THEN UNAPIEV3.HANDLE**SDII**EVENTS; END IF; EV\_TP = 'SdInfoFieldCreated' OBJECT\_TP = 'sdii' , 'sdic' , 'sd'   
 EV\_TP = 'SdInfoFieldUpdated' OBJECT\_TP = 'sdii' , 'sdic' , 'sd'  
 EV\_TP = 'SdInfoFieldDeleted' OBJECT\_TP = 'sdii' , 'sdic' , 'sd'  
 EV\_TP = 'SdInfoFieldValueChanged' OBJECT\_TP = 'sdii' , 'sdic' , 'sd'

**UTEV.DBAPI\_NAME, OBJECT\_TP, EV\_TP**

select dbapi\_name, object\_tp, EV\_TP, count(\*) from utevlog group by dbapi\_name, object\_tp, EV\_TP order by dbapi\_name,object\_tp, EV\_TP;

|  |  |  |
| --- | --- | --- |
| APAOFUNCTIONS.RecheckMe me MeStatusChanged 593  APAOFUNCTIONS.RecheckMe me MethodUpdated 1346  APAOFUNCTIONS.RecheckRq rq RequestUpdated 5  CancelRq rq RqCanceled 2  CancelRq rq RqStatusChanged 1  CancelSc rq RqStatusChanged 1  CancelSc sc ScCanceled 1  CancelSc sc ScStatusChanged 18  CancelScMe me MeCanceled 101  CancelScMe me MeStatusChanged 87  CancelScMe pa PaStatusChanged 77  CancelScMe rq RqStatusChanged 2  CancelScMe sc ScStatusChanged 2  CancelScPa pa PaCanceled 5  CancelScPa pa PaStatusChanged 113  CancelScPa rq RqStatusChanged 4  CancelScPa sc ScStatusChanged 14  CancelScPg pg PgCanceled 3  ChangeObjectLifeCycle pr ObjectLifeCycleCha nged 1  ChangeObjectStatus pr ObjectStatusChanged 1  ChangeRqStatus rq RqStatusChanged 202  ChangeScMeStatus me MeStatusChanged 7  ChangeScPgStatus pg PgStatusChanged 1  ChangeScPgStatusOrCancel pg ParameterGroupUpdated 15  ChangeScStatus rq RqStatusChanged 1  ChangeScStatus rq ScStatusChanged 2  ChangeScStatus sc ScStatusChanged 46  ChangeScStatusOrCancel sc SampleUpdated 18  ChangeWsStatus ws WsStatusChanged 12  CreateRequest rq RequestCreated 62  CreateRqIcDetails rqii RqInfoFieldCreated 102  CreateRqInfoDetail s rq RqInfoCreated 2  CreateSample sc SampleCreated 886  CreateScAnalysesDetails sc ScAnalysesCreated 4  CreateScIcDetails ic IcStatusChanged 2  CreateScIcDetails ii InfoFieldCreated 22157  CreateScIcDetails ii ObjectStatusChanged 6  CreateScIcDetails sc InfoFieldCreated 68  CreateScIcDetails sc ScStatusChanged 141  CreateScInfoDetails sc ScInfoCreated 161  CreateScInfoDetails sc ScStatusChanged 141  CreateScMeDetails me MeDetailsCreated 120  CreateScMeDetails me MeStatusChanged 16  CreateScMeDetails pa PaStatusChanged 3  CreateScMeDetails rq RqStatusChanged 2  DeleteScMeDetails me MeDetailsDeleted 10  DeleteScMeDetails me MeStatusChanged 4  EvalAlarmHandling pa PaValidationDone 403  ReanalScMethod me MeReanalysis 2  ReanalScMethod me MeStatusChanged 4  ReanalScMethod pa PaStatusChanged 1  ReanalScParameter pa PaReanalysis 2  ReanalScParameter pa PaStatusChanged 1 | Save1RqGroupKey rq RqGroupKeyUpdated 32  Save1RqGroupKey rq RqStatusChanged 2  Save1ScMeGroupKey me MeGroupKeyUpdated 1128  Save1ScPaAttribute pa PaAttributesUpdated 166  Save1ScPgAttribute pg PgAttributesUpdated 2  SaveBlob blob ObjectCreated 2  SaveChartDatapoint ch ChartDatapointCreated 16  SaveParameter pr ObjectCreated 1  SaveRequest rq RequestUpdated 1  SaveRqGroupKey rq RqGroupKeyUpdated 1  SaveRqIiValue rqic RqInfoFieldValuesChanged 3  SaveRqIiValue rqii RqInfoFieldValueChanged 30  SaveRqInfoCard rq RqInfoCardCreated 12  SaveRqInfoCard rq RqStatusChanged 11  SaveRqInfoCard rqic RqInfoCardCreated 7  SaveRqInfoField rq RqInfoFieldUpdated 1  SaveRqInfoField rq RqStatusChanged 1  SaveRqInfoField rqii RqInfoFieldUpdated 1  SaveSample sc SampleUpdated 14  SaveScAttribute sc ScAttributesUpdated 9  SaveScGroupKey sc ScGroupKeyUpdated 9  SaveScIcAttribute ic IcAttributesUpdated 1  SaveScIiValue ic InfoFieldValuesChanged 112  SaveScIiValue ii InfoFieldValueChanged 402  SaveScInfoCard ic IcStatusChanged 2  SaveScInfoCard ic InfoCardCreated 98  SaveScInfoCard rq RqStatusChanged 1  SaveScInfoCard sc InfoCardCreated 77  SaveScInfoCard sc ScStatusChanged 204  SaveScInfoField ic InfoFieldUpdated 8  SaveScInfoField ii InfoFieldUpdated 75  SaveScMeAttribute me MeAttributesUpdated 1  SaveScMeAttribute me MeStatusChanged 4  **SaveScMeCell me MeDetailsUpdated 26**  SaveScMeCell pa MeDetailsUpdated 7  SaveScMeCell pa PaStatusChanged 39  SaveScMeCell rq MeDetailsUpdated 2  SaveScMeCell rq RqStatusChanged 3  SaveScMeCell sc MeDetailsUpdated 10  SaveScMeCell sc ScStatusChanged 34  SaveScMeGroupKey me MeGroupKeyUpdated 3  SaveScMeResult eq EquipmentUsed 1  SaveScMeResult me MeResultUpdated 24  SaveScMeResult me MeStatusChanged 8  SaveScMethod me MeStatusChanged 1491  SaveScMethod me MethodCreated 2132  SaveScMethod me MethodUpdated 228  SaveScMethod sc MethodUpdated 24  SaveScPaResult pa PaResultUpdated 468  SaveScPaResult pa PaStatusChanged 61  SaveScPaResult pg PaResultUpdated 5  SaveScPaResult rq PaResultUpdated 1  SaveScPaResult sc PaResultUpdated 1  SaveScPaResult sc ScStatusChanged 17  SaveScParameter pa PaStatusChanged 217  SaveScParameter pa ParameterCreated 716  SaveScParameter pa ParameterUpdated 10  SaveScParameter rq ParameterCreated 1  SaveScParameterGroup pg ParameterGroupCreated 1225  SaveScParameterGroup pg PgStatusChanged 16  SaveScParameterGroup sc ParameterGroupCreated 460  SaveScParameterGroup sc ScStatusChanged 960 | UNACTION.ME\_A06 me MeStatusChanged 118  UNACTION.ME\_A06 me MethodUpdated 102  UNACTION.ME\_A08 me EvaluateMeDetails 10 |

**UTOBJECT**

ad Addresses @L 1 1 0

au Attributes @L 1 1 0

ch Chart @L 1 1 1

cs Condition Set @L 1 1 0

cy Chart Type @L 1 1 1

dc Document @D 1 0 1

dll Custom function dll @L 1 1 0

eq Equipment @L 1 1 1

fi Client file @L 1 1 0

gkch Chart Group key @L 1 0 0

gkdc Document Group key @L 1 0 0

gkme Method Group key @L 1 1 0

gkpt Protocol Group key @L 1 1 0

gkrq Request Group key @L 1 1 0

gkrt Request Type Group key @L 1 1 0

gksc Sample Group key @L 1 1 0

gksd Study Group key @L 1 1 0

gkst Sample Type Group key @L 1 1 0

gkws Worksheet Group key @L 1 1 0

ic Info Card @L 1 1 1

ie Info Fields @L 1 1 1

ii Op Info Fields @L 1 1 1

ip Info Profile @L 1 1 1

lc Life Cycles @L 1 1 0

lo Location @L 1 1 0

**me Method Sheet M1 1 1 1**

mt Methods @L 1 1 1

**pa Op Parameter P1 1 1 1**

**pg Parameter Group G1 1 1 1**

pp Parameter Profile @L 1 1 1

pr Parameter @L 1 1 1

pt Protocol @L 1 1 1

rq Request @L 1 1 1

rqic Request Info Card @L 1 1 1

rqii Request Info Field @L 1 1 1

rt Request Type @L 1 1 1

**sc Sample Code S1 1 1 1**

sd Study SD 1 1 1

sdic Study Info Card @L 1 1 1

sdii Study Info Field @L 1 1 1

st Sample Type @L 1 1 1

tk Task @L 1 1 0

uc Unique Code Masks @L 1 1 0

up User Profile @L 1 1 0

ws Worksheet @L 1 1 1

wt Worksheet Type @L 1 1 1

**UTEV.DBAPI-NAME, OBJECT\_TP**

select dbapi\_name, object\_tp, count(\*) from utevlog group by dbapi\_name, object\_tp order by dbapi\_name,object\_tp;

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| APAOFUNCTIONS.RecheckMe me 1939  APAOFUNCTIONS.RecheckRq rq 5  CancelRq rq 3  CancelSc rq 1  CancelSc sc 19  CancelScMe me 188  CancelScMe pa 77  CancelScMe rq 2  CancelScMe sc 2  CancelScPa pa 118  CancelScPa rq 4  CancelScPa sc 14  CancelScPg pg 3  ChangeObjectLifeCycle pr 1  ChangeObjectStatus pr 1  ChangeRqStatus rq 202  ChangeScMeStatus me 7  ChangeScPgStatus pg 1  ChangeScPgStatusOrCancel pg 15  ChangeScStatus rq 3  ChangeScStatus sc 46  ChangeScStatusOrCancel sc 18  ChangeWsStatus ws 12 | CreateRequest rq 62  CreateRqIcDetails rqii 102  CreateRqInfoDetails rq 2  CreateSample sc 886  CreateScAnalysesDetails sc 4  CreateScIcDetails ic 2  CreateScIcDetails ii 22163  CreateScIcDetails sc 209  CreateScInfoDetails sc 302  CreateScMeDetails me 136  CreateScMeDetails pa 3  CreateScMeDetails rq 2  DeleteScMeDetails me 14  EvalAlarmHandling pa 403  ReanalScMethod me 6  ReanalScMethod pa 1  ReanalScParameter pa 3 | Save1RqGroupKey rq 34  Save1ScMeGroupKey me 1128  Save1ScPaAttribute pa 166  Save1ScPgAttribute pg 2  SaveBlob blob 2  SaveChartDatapoint ch 16  SaveParameter pr 1  SaveRequest rq 1  SaveRqGroupKey rq 1  SaveRqIiValue rqic 3  SaveRqIiValue rqii 30  SaveRqInfoCard rq 23  SaveRqInfoCard rqic 7  SaveRqInfoField rq 2  SaveRqInfoField rqii 1  SaveSample sc 14  SaveScAttribute sc 9  SaveScGroupKey sc 9  SaveScIcAttribute ic 1  SaveScIiValue ic 112  SaveScIiValue ii 402  SaveScInfoCard ic 100  SaveScInfoCard rq 1  SaveScInfoCard sc 281  SaveScInfoField ic 8  SaveScInfoField ii 75  SaveScMeAttribute me 5  SaveScMeCell me 26  SaveScMeCell pa 46  SaveScMeCell rq 5  SaveScMeCell sc 44  SaveScMeGroupKey me 3  SaveScMeResult eq 1  SaveScMeResult me 32  SaveScMethod me 3851  SaveScMethod sc 24  SaveScPaResult pa 529  SaveScPaResult pg 5  SaveScPaResult rq 1  SaveScPaResult sc 18  SaveScParameter pa 943  SaveScParameter rq 1  SaveScParameterGroup pg 1241  SaveScParameterGroup sc 1420  UNACTION.ME\_A06 me 220  UNACTION.ME\_A08 me 10 |

LC-STATUS-AF (AF = ACTION, FUNCTIONALITEIT ZIT IN UNACTION !!!!)

SELECT LC.LC, LC.NAME LCNAME, AF.SS\_FROM, SSFROM.NAME SSFROMNAME, AF.SS\_TO, SSTO.NAME SSTONAME, AF.AF FROM UTLC LC, UTLCAF AF, UTSS SSFROM, UTSS SSTO WHERE LC.LC = AF.LC AND AF.SS\_FROM = SSFROM.SS AND AF.SS\_TO = SSTO.SS

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| Infocard PIBS AV Available 2P To PIBS IC\_A01  worksheet prep @P Planned @P Planned WS\_A07  worksheet prep @P Planned AV Available WS\_A07  worksheet prep @P Planned AV Available WS\_A02  worksheet prep @~ Initial @P Planned WS\_A07  worksheet prep SU Submit @P Planned WS\_A02  worksheet prep SU Submit @P Planned WS\_A07  worksheet testing @@ Default @C Cancelled WS\_A05  worksheet testing @P Planned @P Planned WS\_A01  worksheet testing @~ Initial SU Submit WS\_A03  worksheet testing AV Available CM Completed WS\_A04  worksheet testing AV Available IE In Execution WS\_A06  worksheet testing SU Submit @P Planned WS\_A01  Request outdoor @P Planned AV Available RQ\_A03  Request outdoor @P Planned AV Available RQ\_A03  Request outdoor @P Planned AV Available RQ\_A03  Request outdoor @~ Initial DV Development RQ\_A05  Request outdoor AV Available CM Completed RQ\_A02  Request outdoor DV Development SU Submit RQ\_A07  Request outdoor SU Submit AV Available RQ\_A03  Request outdoor SU Submit AV Available RQ\_A01  Request outdoor SU Submit AV Available RQ\_A04  Request outdoor SU Submit RJ Rejected RQ\_A02  Request outdoor TV To validate CM Completed RQ\_A02  Request outdoor TV To validate ST Stopped RQ\_A02  System LC @A Approved TT Toggle Template CO\_A02  System LC @E In Editing @A Approved CO\_A01  System LC @~ Initial @A Approved SynchronizeAll  System LC @~ Initial @E In Editing SynchronizeAll  System LC @~ Initial @E In Editing SynchronizeAll  x-backup sc prod @P Planned AV Available SC\_A01  pg production std @~ Initial @P Planned PG\_A01  pg production std @~ Initial AV Available PG\_A01  pg production std @~ Initial AV Available PG\_A04  pg regular release @~ Initial @P Planned PG\_A01  pg regular release @~ Initial @P Planned PG\_A04  pg regular release @~ Initial AV Available PG\_A01  pg regular release @~ Initial AV Available PG\_A02  pg regular release @~ Initial AV Available PG\_A04  pg regular release AV Available AV Available PG\_A04  pg regular release AV Available CM Completed PG\_A03  pg regular release AV Available CM Completed PG\_A05  pg regular release AV Available CM Completed PG\_A06  x-backup pa prod @@ Default @C Cancelled ME\_A03  x-backup pa prod @~ Initial @P Planned PA\_A01  x-backup pa prod @~ Initial @P Planned PA\_A02  x-backup pa prod @~ Initial AV Available PA\_A01  x-backup pa prod @~ Initial AV Available PA\_A02  x-backup pa prod OS Out of spec SC Out of Spec Conf. ME\_A03  me prod ZZ DT\* @P Planned IE In Execution ME\_A06  me prod ZZ DT\* @P Planned IE In Execution CreateMeCells  me prod ZZ DT\* @P Planned IE In Execution ME\_A03  me prod ZZ DT\* @P Planned WA Wait ME\_A01  me prod ZZ DT\* @P Planned WA Wait ME\_A04  me prod ZZ DT\* @~ Initial AV Available ME\_A01  me prod ZZ DT\* @~ Initial AV Available ME\_A02  me prod ZZ DT\* @~ Initial AV Available ME\_A04  me prod ZZ DT\* @~ Initial AV Available ME\_A05  me prod ZZ DT\* @~ Initial AV Available ME\_A17  me prod ZZ DT\* IE In Execution CM Completed ME\_A08  pa production @~ Initial @P Planned PA\_A01  pa production @~ Initial @P Planned PA\_A02  pa production @~ Initial AV Available PA\_A01  pa production @~ Initial AV Available PA\_A02  pa production @~ Initial AV Available PA\_A04  pa production AV Available TV To validate PA\_A08 | sc production @P Planned AV Available SC\_A01  sc production @~ Initial AV Available SC\_A06  sc production AV Available AV Available SC\_A01  sc production AV Available CM Completed SC\_A07  sc production WA Wait AV Available SC\_A01  me production @@ Default @C Cancelled ME\_A09  me production @@ Default @C Cancelled ME\_A10  me production @P Planned @P Planned ME\_A02  me production @P Planned @P Planned ME\_A04  me production @P Planned @P Planned ME\_A05  me production @P Planned WA Wait ME\_A01  me production @~ Initial @P Planned ME\_A02  me production @~ Initial @P Planned ME\_A05  me production @~ Initial @P Planned ME\_A04  me production @~ Initial @P Planned ME\_A17  me production @~ Initial WA Wait ME\_A01  me production @~ Initial WA Wait ME\_A02  me production @~ Initial WA Wait ME\_A04  me production @~ Initial WA Wait ME\_A05  me production @~ Initial WA Wait ME\_A17  me production AV Available AV Available ME\_A05  me production AV Available AV Available ME\_A02  me production AV Available AV Available ME\_A04  me production AV Available GS Get SQL defaults ME\_A07  me production AV Available GS Get SQL defaults ME\_A01  me production AV Available IE In Execution ME\_A06  me production CM Completed CM Completed ME\_A02  me production CM Completed CM Completed ME\_A04  me production CM Completed CM Completed ME\_A05  me production CM Completed WA Wait ME\_A03  me production ER Error IE In Execution ME\_A03  me production ER Error SU Submit ME\_A03  me production ER Error SU Submit ME\_A01  me production ER Error WA Wait ME\_A03  me production IE In Execution CM Completed ME\_A08  me production WA Wait @P Planned ME\_A02  me production WA Wait @P Planned ME\_A04  me production WA Wait @P Planned ME\_A05  me production WA Wait @P Planned ME\_A01  me production WA Wait AV Available ME\_A03  me production WA Wait AV Available ME\_A04  me production WA Wait AV Available ME\_A15  me production WA Wait AV Available ME\_A03  me production WA Wait AV Available ME\_A04  me production WA Wait AV Available ME\_A15  me production WA Wait IE In Execution ME\_A06  me production WA Wait IE In Execution CreateMeCells  sc PCT trials @P Planned @C Cancelled SC\_A04  sc PCT trials @P Planned AV Available SC\_A01  sc PCT trials @P Planned AV Available SC\_A06  sc PCT trials @P Planned WH Warehouse SC\_A06  sc PCT trials @~ Initial AV Available SC\_A06  Info field copy @~ Initial AV Available II\_A01  Request trials @@ Default @C Cancelled RQ\_A08  Request trials @P Planned AV Available RQ\_A03  Request trials @P Planned AV Available RQ\_A03  Request trials @P Planned AV Available RQ\_A03  Request trials @P Planned WH Warehouse RQ\_A03  Request trials @~ Initial DV Development RQ\_A05  Request trials AV Available CM Completed RQ\_A02  Request trials AV Available CM Completed RQ\_A11  Request trials DV Development SU Submit RQ\_A04  Request trials SU Submit @P Planned RQ\_A01  Request trials SU Submit @P Planned RQ\_A04  Request trials SU Submit @P Planned RQ\_A07  Request trials SU Submit AV Available RQ\_A07  Request trials SU Submit AV Available RQ\_A09  Request trials SU Submit RJ Rejected RQ\_A02  Request trials TV To validate CM Completed RQ\_A02  Request trials TV To validate CM Completed RQ\_A11  Request trials TV To validate ST Stopped RQ\_A02 | System LC PR @E In Editing @A Approved CO\_A01  System LC PR @~ Initial @A Approved PR\_A02  System LC PR @~ Initial BL Blocked PR\_A01  System LC PP @A Approved @A Approved PP\_A05  System LC PP @~ Initial BL Blocked PP\_A02  System LC PP @~ Initial BL Blocked PP\_A03  System LC PP @~ Initial ER Error PP\_A10  System LC PP CF Configured @A Approved PP\_A04  System LC PP ER Error CF Configured PP\_A05  System LC ST @A Approved @A Approved ST\_A09  System LC ST @E In Editing @A Approved ST\_A04  System LC ST @~ Initial BL Blocked ST\_A01  System LC ST @~ Initial BL Blocked ST\_A02  System LC ST @~ Initial BL Blocked ST\_A03  System LC ST @~ Initial BL Blocked ST\_A02  System LC ST @~ Initial ER Error ST\_A10  System LC ST CF Configured @A Approved ST\_A04  System LC ST CF Configured @A Approved ST\_A08  System LC ST ER Error @A Approved ST\_A04  System LC ST ER Error CF Configured ST\_A09  System LC ST TC To Configure CF Configured ST\_A09  Request reference @P Planned AV Available RQ\_A03  Request reference @P Planned AV Available RQ\_A03  Request reference @P Planned AV Available RQ\_A03  Request reference @~ Initial DV Development RQ\_A05  Request reference SU Submit @P Planned RQ\_A01  Request reference SU Submit @P Planned RQ\_A04  Request reference SU Submit RJ Rejected RQ\_A02  Request reference TV To validate ST Stopped RQ\_A02  Request reference TV To validate VA Validated RQ\_A03  me prod ZZ @@ Default @C Cancelled ME\_A09  me prod ZZ @@ Default @C Cancelled ME\_A10  me prod ZZ @P Planned @P Planned ME\_A02  me prod ZZ @P Planned @P Planned ME\_A04  me prod ZZ @P Planned @P Planned ME\_A05  me prod ZZ @P Planned WA Wait ME\_A01  me prod ZZ AV Available AV Available ME\_A05  me prod ZZ AV Available AV Available ME\_A02  me prod ZZ AV Available AV Available ME\_A04  me prod ZZ AV Available GS Get SQL defaults ME\_A07  me prod ZZ AV Available GS Get SQL defaults ME\_A01  me prod ZZ AV Available IE In Execution ME\_A06  me prod ZZ CM Completed CM Completed ME\_A02  me prod ZZ CM Completed CM Completed ME\_A04  me prod ZZ CM Completed CM Completed ME\_A05  me prod ZZ CM Completed WA Wait ME\_A03  me prod ZZ IE In Execution CM Completed ME\_A08  me prod ZZ WA Wait @P Planned ME\_A02  me prod ZZ WA Wait @P Planned ME\_A04  me prod ZZ WA Wait @P Planned ME\_A05  me prod ZZ WA Wait @P Planned ME\_A01  me prod ZZ WA Wait AV Available ME\_A03  me prod ZZ WA Wait AV Available ME\_A04  me prod ZZ WA Wait AV Available ME\_A03  me prod ZZ WA Wait AV Available ME\_A04  me prod ZZ WA Wait IE In Execution ME\_A06  me prod ZZ WA Wait IE In Execution CreateMeCells  me unilink no-wait @@ Default @C Cancelled ME\_A09  me unilink no-wait @@ Default @C Cancelled ME\_A10  me unilink no-wait @P Planned AV Available ME\_A02  me unilink no-wait @P Planned AV Available ME\_A05  me unilink no-wait @P Planned AV Available ME\_A04  me unilink no-wait @P Planned AV Available ME\_A03  me unilink no-wait @~ Initial AV Available ME\_A02  me unilink no-wait @~ Initial AV Available ME\_A05  me unilink no-wait @~ Initial AV Available ME\_A04  me unilink no-wait @~ Initial AV Available ME\_A03  me unilink no-wait CM Completed AV Available ME\_A03 |

UTCF (via VALID\_CF gerelateerd aan UTIE !!)

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| AdjustContextKey AdjustContextKey cyassign unsqcassign.sql  CONTROL\_CHART CONTROL\_CHART cyassign unsqcassign.sql  DEASSIGN\_CONTROL\_CHA DEASSIGN\_CONTROL\_CHA cyassign unsqcassign.sql  DEASSIGN\_TREND\_CHART DEASSIGN\_TREND\_CHART cyassign unsqcassign.sql  SQCDeAssign SQCDeAssign cyassign unsqcassign.sql  TREND\_CHART TREND\_CHART cyassign unsqcassign.sql  AVG\_STD\_DEV\_first\_po AVG\_STD\_DEV\_first\_po cycalc unsqccalc.sql  AVG\_STD\_DEV\_new\_poin AVG\_STD\_DEV\_new\_poin cycalc unsqccalc.sql  CONTROL\_CHART CONTROL\_CHART cycalc unsqccalc.sql  CONTROL\_CHART\_ADV CONTROL\_CHART\_ADV cycalc unsqccalc.sql  InitSQCChart InitSQCChart cycalc unsqccalc.sql  TREND\_CHART TREND\_CHART cycalc unsqccalc.sql  unichart unichart cyvisual unichart.cpp  unitrend unitrend cyvisual unitrend.cpp  EqCaRuleXMeasures EqCaRuleXMeasures eqcaassign unfreq.sql  ScIcSupplier\_Grade ScIcSupplier\_Grade icassign unfreq.sql  AddDispatchInfo AddDispatchInfo ieval AddDispatchInfo.cpp  AgfaDetails AgfaDetails ieval AgfaDetails.cpp  AssignFeatures AssignFeatures ieval AssignFeatures.cpp  AssignPg AssignPg ieval unicf.cpp  AssignTestPlans AssignTestPlans ieval AssignTestPlans.cpp  Contactperson Contactperson ieval Contactperson.cpp  ConvAndCheckDate ConvAndCheckDate ieval ConvAndCheckDate.cpp  ConvDate ConvDate ieval ConvDate.cpp  CopyToInfofield CopyToInfofield ieval unicf.cpp  CustomerDetails CustomerDetails ieval CustomerDetails.cpp  DisplayInfofield DisplayInfofield ieval DisplayInfofield.cpp  DistributionGrp DistributionGrp ieval DistributionGrp.cpp  DistributionLst DistributionLst ieval DistributionLst.cpp  EmptyRelatedFields EmptyRelatedFields ieval EmptyRelatedFields.cpp  FillReceivedate FillReceivedate ieval FillReceivedate.cpp  FillRelatedFields FillRelatedFields ieval FillRelatedFields.cpp  GetIsInfo GetIsInfo ieval unicf.cpp  Ic2ScGk Ic2ScGk ieval unicf.cpp  PartNoCopyAndLookup PartNoCopyAndLookup ieval unicf.cpp  RqIcCalculate RqIcCalculate ieval unicf.cpp  RunApp RunApp ieval RunApp.cpp  RunService RunService ieval unicf.cpp  SaveAsAttribute SaveAsAttribute ieval unicf.cpp  SaveAsAuAndSaveIc SaveAsAuAndSaveIc ieval unicf.cpp  SaveIc SaveIc ieval unicf.cpp  ShowHide ShowHide ieval ShowHide.cpp  UploadFile UploadFile ieval UploadFile.cpp  open document open document ieval open document.cpp  AssignGroupKey AssignGroupKey lcaction unaction.sql  CO\_A01 CO\_A01 lcaction unaction.sql  CO\_A02 CO\_A02 lcaction unaction.sql  CreateMeCells CreateMeCells lcaction unaction.sql  DeAssignGroupKey DeAssignGroupKey lcaction unaction.sql  DeleteMeCells DeleteMeCells lcaction unaction.sql  IC\_A01 IC\_A01 lcaction unaction.sql  II\_A01 II\_A01 lcaction unaction.sql  InitGroupKeyFromAttr InitGroupKeyFromAttr lcaction unaction.sql  ME\_A01 ME\_A01 lcaction unaction.sql  ME\_A02 ME\_A02 lcaction unaction.sql  ME\_A03 ME\_A03 lcaction unaction.sql  ME\_A04 ME\_A04 lcaction unaction.sql  ME\_A05 ME\_A05 lcaction unaction.sql  ME\_A06 ME\_A06 lcaction unaction.sql  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ScMeNotYetInSamePg meassign unfreq.sql  ScMeOnlyOnFriday ScMeOnlyOnFriday meassign unfreq.sql  ScMeOnlyOnWorkDay ScMeOnlyOnWorkDay meassign unfreq.sql  ScMeOnlyWhenRqIsOdd ScMeOnlyWhenRqIsOdd meassign unfreq.sql  UAbased UAbase meassign unfreq.sql  WsCreate WsCreate meassign unfreq.sql  WsCreateInSubProgram WsCreateInSubProgram meassign unfreq.sql  AssignMeGkUserGroup AssignMeGkUserGroup megkcreate Apollo  AssignRoles AssignRoles megkcreate Apollo  MeAssignResponsible MeAssignResponsible megkcreate ungkassg.sql  MeAssignSection MeAssignSection megkcreate ungkassg.sql  MeAssignWorkday MeAssignWorkday megkcreate ungkassg.sql  MeDepartment MeDepartment megkcreate ungkassg.sql  ScDate1 ScDate1 megkcreate Apollo  ScDate2 ScDate2 megkcreate Apollo  ScDate3 ScDate3 megkcreate Apollo  ScDate4 ScDate4 megkcreate Apollo  ScDate5 ScDate5 megkcreate Apollo  ScPriority ScPriority megkcreate Apollo  Average Average mtcellcalc unicf.cpp  Count Count mtcellcalc unicf.cpp  Maximum Maximum mtcellcalc unicf.cpp  Median Median mtcellcalc unicf.cpp  Minimum Minimum mtcellcalc unicf.cpp  RStdDev RStdDev mtcellcalc unicf.cpp  RStdDevP RStdDevP mtcellcalc unicf.cpp  StdDev StdDev mtcellcalc unicf.cpp  StdDevP StdDevP mtcellcalc unicf.cpp  Sum Sum mtcellcalc unicf.cpp  Average Average mtcellcalcX Average.cpp  CalcRelativeCount CalcRelativeCount mtcellcalcX CalcRelativeCount.cpp  ClearRelativeCount ClearRelativeCount mtcellcalcX ClearRelativeCount.cpp  Concatenate Concatenate mtcellcalcX Concatenate.cpp  DilutionCellLink DilutionCellLink mtcellcalcX DilutionCellLink.cpp  Microbio Microbio mtcellcalcX Microbio.cpp  R\_Square R\_Square mtcellcalcX R\_Square.cpp  SumTable SumTable mtcellcalcX SumTable.cpp  TimeInterval TimeInterval mtcellcalcX TimeInterval.cpp  UpdateGCComponents UpdateGCComponents mtcellcalcX UpdateGCComponents.cpp  edit large text edit large text mtcellcalcX edit large text.cpp  intercept intercept mtcellcalcX intercept.cpp  slope slope mtcellcalcX slope.cpp | AvGetEqConstSaveMeGk AvGetEqConstSaveMeGk mtcellval cnt\_equipment.cpp  AvGetEqConstant AvGetEqConstant mtcellval cnt\_equipment.cpp  Cell5 Cell5 mtcellval Cell5.cpp  CheckPaAlarm CheckPaAlarm mtcellval CheckPaAlarm.cpp  CheckResultPositive CheckResultPositive mtcellval CheckResultPositive.cpp  GetSieveWeights GetSieveWeights mtcellval GetSieveWeights.cpp  KeypadInput KeypadInput mtcellval KeypadInput.cpp  ManualMicrobResult ManualMicrobResult mtcellval ManualMicrobResult.cpp  SaveAsMeGk SaveAsMeGk mtcellval unicf.cpp  SaveAsMeGkEquipment SaveAsMeGkEquipment mtcellval unicf.cpp  avGetEqConstant avGetEqConstant mtcellval unicf.cpp  cnt\_equipment cnt\_equipment mtcellval cnt\_equipment.cpp  meCellPlausibility meCellPlausibility mtcellval unicf.cpp  AssignTestPlan AssignTestPlan outlookbar unicf.cpp  RefSetDescription RefSetDescription outlookbar unicf.cpp  RunAthenaReport Run Athena Report outlookbar unicf.cpp  SetLab SetLab outlookbar unicf.cpp  TEST Test outlookbar unicf.cpp  rqDefAnalDetLayout rqDefAnalDetLayout outlookbar unicf.cpp  AddExtraParameters AddExtraParameters paalarm unalarm.sql  AddMicroPP AddMicroPP paalarm unalarm.sql  AddOtherParameters AddOtherParameters paalarm AddOtherParameters.cpp  EvalAlarm EvalAlarm paalarm unalarm.sql  ScPaInterspec ScPaInterspec paassign unfreq.sql  ScPaMax3TimesByMonth ScPaMax3TimesByMonth paassign unfreq.sql  ScPaNotYetInAnyPg ScPaNotYetInAnyPg paassign unfreq.sql  ScPaNotYetInSamePg ScPaNotYetInSamePg paassign unfreq.sql  ScPaOnlyOnFriday ScPaOnlyOnFriday paassign unfreq.sql  ScPaOnlyOnWorkDay ScPaOnlyOnWorkDay paassign unfreq.sql  ScPaOnlyWhenSdIsOdd ScPaOnlyWhenSdIsOdd paassign unfreq.sql  Average Average pacalc uncalc.sql  CalcMethod CalcMethod pacalc uncalc.sql  ScPgInterspec ScPgInterspec pgassign unfreq.sql  ScPgMax3TimesByMonth ScPgMax3TimesByMonth pgassign unfreq.sql  ScPgOnlyOnFriday ScPgOnlyOnFriday pgassign unfreq.sql  ScPgOnlyOnWorkDay ScPgOnlyOnWorkDay pgassign unfreq.sql  ScPgOnlyWhenRqIsOdd ScPgOnlyWhenRqIsOdd pgassign unfreq.sql  LabelWithParameters LabelWithParameters printlbl LabelWithParameters.cpp  LabelWithRqInfo LabelWithRqInfo printlbl LabelWithRqInfo.cpp  standard label standard label printlbl standard label.cpp  RqAlways RqAlways rqgkcreate ungkassg.sql  RqDayNumber RqDayNumber rqgkcreate ungkassg.sql  RqOperational RqOperational rqgkcreate ungkassg.sql  RqWebUser RqWebUser rqgkcreate ungkassg.sql  RqIcSupplier\_Grade RqIcSupplier\_Grade rtipassign unfreq.sql  RtPlanMax3TimesByMon RtPlanMax3TimesByMon rtplan unfreq.sql  RtPlanOnlyOnFriday RtPlanOnlyOnFriday rtplan unfreq.sql  RtPlanOnlyOnWorkDay RtPlanOnlyOnWorkDay rtplan unfreq.sql  RqPgMax3TimesByMonth RqPgMax3TimesByMonth rtppassign unfreq.sql  RqPgOnlyOnFriday RqPgOnlyOnFriday rtppassign unfreq.sql  RqPgOnlyOnWorkDay RqPgOnlyOnWorkDay rtppassign unfreq.sql  RqScMax3TimesByMonth RqScMax3TimesByMonth rtstassign unfreq.sql  RqScOnlyOnFriday RqScOnlyOnFriday rtstassign unfreq.sql  RqScOnlyOnWorkDay RqScOnlyOnWorkDay rtstassign unfreq.sql  ScCreateCnGroupKeys ScCreateCnGroupKeys scgkcreate ungkassg.sql  ScDateNumber ScDateNumber scgkcreate ungkassg.sql  ScDayCreationDate ScDayCreationDate scgkcreate ungkassg.sql  ScDepartment ScDepartment scgkcreate ungkassg.sql  ScMonthCreationDate ScMonthCreationDate scgkcreate ungkassg.sql  ScOperational ScOperational scgkcreate ungkassg.sql  ScReleased ScReleased scgkcreate ungkassg.sql  ScSamplingDate ScSamplingDate scgkcreate ungkassg.sql  ScValidation ScValidation scgkcreate ungkassg.sql  ScWeekCreationDate ScWeekCreationDate scgkcreate ungkassg.sql  ScYearCreationDate ScYearCreationDate scgkcreate ungkassg.sql  SdAssignScGroupKeys SdAssignScGroupKeys sdgkcreate ungkassg.sql  StPlanMax3TimesByMon StPlanMax3TimesByMon stplan unfreq.sql  StPlanOnlyOnFriday StPlanOnlyOnFriday stplan unfreq.sql  StPlanOnlyOnWorkDay StPlanOnlyOnWorkDay stplan unfreq.sql  MeAssignGkDefault MeAssignGkDefault wl\_assign unwlgk.sql  MeOperational MeOperational wl\_assign unwlgk.sql  MePlannedEqType MePlannedEqType wl\_assign unwlgk.sql  MePreferredExecutors MePreferredExecutors wl\_assign unwlgk.sql  MePriority MePriority wl\_assign unwlgk.sql  MeReleased MeReleased wl\_assign unwlgk.sql  MeStartAndEndDate MeStartAndEndDate wl\_assign unwlgk.sql  WsCreationDate WsCreationDate wsgkcreate ungkassg.sql  ws val 1 ws val 1 wsval ws val 1.cpp |

UTAPPLIC

addef define address

analyzer analyzer

costcalc Cost calculation

database Database

eqdef define equipment

gkdef define group key

lcdef define life cycle

lydef define layouts

radef Remote Archiving

rqmgt request management

scmgt sample code management

stdef define sample types

stplan sample planning

tkdef define tasks

u4iweb Internet application

ucdef define unique code mask

unicnct Uniconnect

updef user profile configuration

wlmgt Worklist

wsmgt Worksheet management

UNILINK-VOORBEELD-BESTAND

|  |  |  |  |
| --- | --- | --- | --- |
| [BeginTransaction]  create\_sc=N  create\_pg=N  create\_pa=N  create\_me=N  **[sc]**  sc=2038000009  **[pg]**  pg=Calibration  pgnode=1000000  **[pa]**  pa=TT351ACAL  panode=1000000  **[me]**  me=TT351A  menode=2000000  **[cell table]**  me=TT351A  menode=2000000  cell=avIndoorResults  value\_s[0,0]=1  value\_s[0,1]=  value\_s[0,2]=  value\_s[0,3]=  value\_s[0,4]=  value\_s[0,5]=  value\_s[0,6]=  value\_s[0,7]=  value\_s[0,8]=  value\_s[0,9]= | value\_s[1,0]=34  value\_s[1,1]=  value\_s[1,2]=  value\_s[1,3]=  value\_s[1,4]=  value\_s[1,5]=  value\_s[1,6]=  value\_s[1,7]=  value\_s[1,8]=  value\_s[1,9]=  value\_s[2,0]=39.988  value\_s[2,1]=  value\_s[2,2]=  value\_s[2,3]=  value\_s[2,4]=  value\_s[2,5]=  value\_s[2,6]=  value\_s[2,7]=  value\_s[2,8]=  value\_s[2,9]=  value\_s[3,0]=79.98  value\_s[3,1]=  value\_s[3,2]=  value\_s[3,3]=  value\_s[3,4]=  value\_s[3,5]=  value\_s[3,6]=  value\_s[3,7]=  value\_s[3,8]=  value\_s[3,9]=  value\_s[4,0]=494  value\_s[4,1]=  value\_s[4,2]=  value\_s[4,3]=  value\_s[4,4]=  value\_s[4,5]=  value\_s[4,6]=  value\_s[4,7]=  value\_s[4,8]=  value\_s[4,9]=  value\_s[5,0]=0  value\_s[5,1]=  value\_s[5,2]=  value\_s[5,3]=  value\_s[5,4]=  value\_s[5,5]=  value\_s[5,6]=  value\_s[5,7]=  value\_s[5,8]=  value\_s[5,9]=  value\_s[6,0]=  value\_s[6,1]=  value\_s[6,2]=  value\_s[6,3]=  value\_s[6,4]=  value\_s[6,5]=  value\_s[6,6]=  value\_s[6,7]=  value\_s[6,8]=  value\_s[6,9]=  value\_s[7,0]=1896.17  value\_s[7,1]=  value\_s[7,2]=  value\_s[7,3]=  value\_s[7,4]=  value\_s[7,5]=  value\_s[7,6]=  value\_s[7,7]=  value\_s[7,8]=  value\_s[7,9]=  value\_s[8,0]=301.78  value\_s[8,1]=  value\_s[8,2]=  value\_s[8,3]=  value\_s[8,4]=  value\_s[8,5]=  value\_s[8,6]=  value\_s[8,7]=  value\_s[8,8]=  value\_s[8,9]= | value\_s[9,0]=0  value\_s[9,1]=  value\_s[9,2]=  value\_s[9,3]=  value\_s[9,4]=  value\_s[9,5]=  value\_s[9,6]=  value\_s[9,7]=  value\_s[9,8]=  value\_s[9,9]=  value\_s[10,0]=25.26  value\_s[10,1]=  value\_s[10,2]=  value\_s[10,3]=  value\_s[10,4]=  value\_s[10,5]=  value\_s[10,6]=  value\_s[10,7]=  value\_s[10,8]=  value\_s[10,9]=  value\_s[11,0]=45.62  value\_s[11,1]=  value\_s[11,2]=  value\_s[11,3]=  value\_s[11,4]=  value\_s[11,5]=  value\_s[11,6]=  value\_s[11,7]=  value\_s[11,8]=  value\_s[11,9]=  value\_s[12,0]=10.07  value\_s[12,1]=  value\_s[12,2]=  value\_s[12,3]=  value\_s[12,4]=  value\_s[12,5]=  value\_s[12,6]=  value\_s[12,7]=  value\_s[12,8]=  value\_s[12,9]=  value\_s[13,0]=35.55  value\_s[13,1]=  value\_s[13,2]=  value\_s[13,3]=  value\_s[13,4]=  value\_s[13,5]=  value\_s[13,6]=  value\_s[13,7]=  value\_s[13,8]=  value\_s[13,9]=  value\_s[14,0]=7.2  value\_s[14,1]=  value\_s[14,2]=  value\_s[14,3]=  value\_s[14,4]=  value\_s[14,5]=  value\_s[14,6]=  value\_s[14,7]=  value\_s[14,8]=  value\_s[14,9]=  value\_s[15,0]=7.21  value\_s[15,1]=  value\_s[15,2]=  value\_s[15,3]=  value\_s[15,4]=  value\_s[15,5]=  value\_s[15,6]=  value\_s[15,7]=  value\_s[15,8]=  value\_s[15,9]=  value\_s[16,0]=7.127998  value\_s[16,1]=  value\_s[16,2]=  value\_s[16,3]=  value\_s[16,4]=  value\_s[16,5]=  value\_s[16,6]=  value\_s[16,7]=  value\_s[16,8]=  value\_s[16,9]= | **[cell]**  me=TT351A  menode=2000000  cell=r\_static  value\_s=1896.17  cell=T\_result  value\_s=25.26  cell=RR\_avg  value\_f=7.7  cell=RR\_skim  value\_s=10.07  cell=RR  value\_s=7.8  cell=p\_infl\_end  value\_s=2.6  **[EndTransaction]** |