

Broadcom Clarity Script Index

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Planview Tasktop Viz / Planview Tasktop Hub

19.1.0.20181203 and later / Tasktop Sync 4.17 and later

NSQL Queries for Viz / Hub 19.1.0.20181203 and later / Sync 4.17 and later

Tasktop_GetAsset

Query ID: Tasktop_GetAsset

Description: This NSQL script allows you to flow **Asset** artifacts. It can be omitted if Asset support is not required.

Source

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.ALIGNMENT:alignment@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CHARGECODEID:charge_code_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_BY:created_by@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_DATE:created_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CURRENCY_CODE:currency_code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.DESCRPTION:description@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.GOAL_CODE:goal@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_ACTIVE:is_active@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_OPEN_FOR_TE:is_open_for_time_entry@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_REQUIRED:is_required@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LABOR_VARIANCESUM:labor_variance_sum@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.MANAGER_ID:manager_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PRIORITY:priority@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PROGRESS:progress@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PURGE_FLAG:purge_flag@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RISK:risk@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RSF_OBS_UNIT:rsf_obs_unit@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_FINISH:finish_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_START:start_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SLA_COMPLIANCE:sla_compliance@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STAGE_CODE:stage@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS:status_code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_COMMENT:status_comment@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_INDICATOR:status_indicator@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SYNC_INV_N_BDG_DATES:set_planned_cost_dates@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TARGET_MANAGER_ID:target_manager_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TRACK_MODE:track_mode@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:A.CATEGORY_CODE:category_code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_BREAKEVEN:budget_breakeven@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_FINISH:budget_cost_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_START:budget_cost_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_IRR:budget_irr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_MIRR:budget_mirr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_PAYBACK_PERIOD:budget_payback_period@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_FINISH:budget_rev_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_START:budget_rev_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_ROI:budget_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_CALC_PV_INFO:is_calc_pv_info@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_FCST_EQ_BDGT:is_forecast_equal_budget@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_RR:is_sys_value_for_rr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_TCC:is_sys_value_for_tcc@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_FINISH:planned_ben_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_START:planned_ben_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BREAKEVEN:planned_breakeven@
```

```

, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_FINISH:planned_cost_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_START:planned_cost_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_IRR:planned_irr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_MIRR:planned_mirr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_PAYBACK_PERIOD:planned_payback_period@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_ROI:planned_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.REINVESTMENT_RATE:reinvestment_rate@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.TOTAL_COST_OF_CAPITAL:total_cost_of_capital@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM
  ODF_CA_INV CA,
  ODF_OBJECT_INSTANCE_MAPPING MAP,
  INV_ASSETS A,
  FIN_FINANCIALS F,
  ODF_CA_ASSET CUSTOM,
  INV_INVESTMENTS I LEFT OUTER JOIN
  (
    SELECT
      PI.INVESTMENT_ID as PORT_INV_ID,
      COUNT(*) AS PORTFOLIO_COUNT,
      MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

    FROM
      PFM_INVESTMENTS PI,
      ODF_CA_INV INV

    WHERE
      PI.INVESTMENT_ID = INV.ID
      AND INV.ODF_OBJECT_CODE = 'asset'

    GROUP BY
      PI.INVESTMENT_ID
  ) PF ON I.ID = PF.PORT_INV_ID

WHERE A.ID = I.ID
AND CUSTOM.ID = I.ID
AND CA.ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_CODE = CA.ODF_OBJECT_CODE
AND MAP.SECONDARY_OBJECT_INSTANCE_CODE = 'financials'
AND MAP.SECONDARY_OBJECT_INSTANCE_ID = F.ID
AND @FILTER@

```

Tasktop_GetAssignments

Query ID: Tasktop_GetAssignments

Description: This NSQL Script is required to flow **Worklogs** and **Assignees** on **Task artifacts**. If you are not flowing those fields/artifacts, it can be omitted.

Source

```

SELECT @Select:DIM:USER_DEF:IMPLIED:ASSIGNMENT:A.PRUID:assignmentinternalid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRRESOURCEID:assignmentresourceid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:assignmentresourcefullname@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRTASKID:assignmenttaskid@

FROM PRASSIGNMENT A
, SRM_RESOURCES R

WHERE A.PRRESOURCEID = R.ID
AND @FILTER@

```

Tasktop_GetChangeRequest

NSQL Script: Tasktop_GetChangeRequest

Description: This query is required to flow **Change Requests**. If Change Request support is not needed, it can be omitted.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.ID:internalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.RIM_RISK_ISSUE_CODE:externalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.NAME:name@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.DESCRPTION:description@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.CREATED_BY:created_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.CREATED_DATE:created_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.ASSIGNED_TO:assigned_to@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.LAST_UPDATED_BY:updated_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.LAST_UPDATED_DATE:last_updated_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.CATEGORY_TYPE_CODE:categoryTypeCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.TARGET_RESOLUTION_DATE:targetResolutionDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.IMPACT_DESCRIPTION:impactDescription@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.PRIORITY_CODE:priorityCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.ASSUMPTIONS:reasons@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.STATUS_CODE:statusCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.RESOLVED_BY:resolved_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.RESOLVED_DATE:resolved_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.PARENT_RISK_ISSUE_ID:originatingFrom@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:P.TYPE_CODE:originatingType@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.APPROVED_BY:approvedBy@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.APPROVED_DATE:approvedDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.ASSESSMENT_DATE:assessmentDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.ASSESSOR:assessor@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.BENEFITS:benefits@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.EFFECT_ON_RESOURCES:effectOnResources@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.EFFECT_ON_SCHEDULE:effectOnSchedule@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.CLOSURE_DATE:closureDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.IMPACT_ON_BASELINE:impactBaseline@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:C.REVIEW_DATE:reviewDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:INV.ID:project_internalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:INV.CODE:project_externalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:INV.NAME:project_name@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:CH.partition_code:partition_code@

FROM    RIM_CHANGE_REQUESTS C
        LEFT OUTER JOIN RIM_RISKS_AND_ISSUES RI ON C.ID = RI.ID
        LEFT OUTER JOIN RIM_RISKS_AND_ISSUES P ON RI.PARENT_RISK_ISSUE_ID = P.ID
        LEFT OUTER JOIN INV_INVESTMENTS INV ON RI.PK_ID = INV.ID
,
        ODF_CA_CHANGE CH

WHERE   CH.ID = RI.ID
AND     RI.TYPE_CODE = 'CHANGE'
AND     @FILTER@
```

Tasktop_GetIncident

Query ID: Tasktop_GetIncident

Description: This NSQL script is required to flow **Incidents** and **Incident SubObjects**. It can be omitted if Incident support is not required.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_PRJMGR_ID:assigned_prjmgr_id@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_TO:assigned_to@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_BY:created_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_DATE:created_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.DESCRPTION:description@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ESTIMATED_EFFORT:estimated_effort@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXPECTED_RESOLUTION_DATE:exp_resolution_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXTERNAL_ID:external_id@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IMPACT_ENUM:impact@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INVESTMENT_ID:investment_internal_id@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IS_PRIORITY_OVERRIDDEN:priority_override@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_BY:updated_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.PRIORITY_ENUM:priority@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.REPORTED_BY:reported_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.RESOLUTION_DATE:resolution_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.START_DATE:start_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.STATUS_CODE:status@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.TYPE_CODE:type@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.URGENCY_ENUM:urgency@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.VERIFICATION_DATE:verification_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:U.USER_NAME:reported_by_username@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.ID:category_id@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:categoryCode@

FROM    IMM_INCIDENTS I LEFT OUTER JOIN CMN_SEC_USERS U ON I.REPORTED_BY = U.id
,
        LEFT OUTER JOIN INV_INVESTMENTS INV on I.INVESTMENT_ID = INV.ID
,
        IMM_CATEGORIES C
,
        ODF_CA_INCIDENT CUSTOM
WHERE   I.CATEGORY_ID = C.ID
AND     CUSTOM.ID = I.ID
AND     @FILTER@

```

Tasktop_GetIncidentCategories

Query ID: Tasktop_GetIncidentCategories

Description: This NSQL script is required to flow **Incidents** and **Incident SubObjects**. It can be omitted if Incident support is not required.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CAT:C.ID:internalid@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.CODE:code@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.NAME:name@

FROM    IMM_CATEGORIES C
WHERE   @FILTER@

```

Tasktop_GetIncidentEffort

Query ID: Tasktop_GetIncidentEffort

Description: This NSQL script is required to flow **Worklogs on Incidents**. It can be omitted if worklog support is not required.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.incident_id:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, SRM_RESOURCES R, INV_INVESTMENTS I
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND I.ID = TE.incident_investment_id
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, TE.incident_id,
TP.prstart

```

Tasktop_GetIssue

NSQL Script: Tasktop_GetIssue

Description: This query is required to flow **Issues**. If Issue support is not needed, it can be omitted.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:ISSUE:RI.ID:internalid@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.RIM_RISK_ISSUE_CODE:externalId@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.CATEGORY_TYPE_CODE:categoryTypeCode@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.IMPACT_DATE:impactDate@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.PRIORITY_CODE:priorityCode@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.RESOLUTION:resolution@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.RESOLVED_BY:resolved_by@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.RESOLVED_DATE:resolved_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.STATUS_CODE:statusCode@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.TARGET_RESOLUTION_DATE:targetResolutionDate@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.NAME:name@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.DESCRPTION:description@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.CREATED_BY:created_by@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.CREATED_DATE:created_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.ASSIGNED_TO:ownerCode@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.LAST_UPDATED_BY:updated_by@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.LAST_UPDATED_DATE:last_updated_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:RI.PARENT_RISK_ISSUE_ID:originatingFrom@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:P.TYPE_CODE:originatingType@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:INV.ID:project_internalid@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:INV.CODE:project_externalid@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:INV.NAME:project_name@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ISSUE:C.partition_code:partition_code@

FROM RIM_RISKS_AND_ISSUES RI
LEFT OUTER JOIN INV_INVESTMENTS INV ON RI.PK_ID = INV.ID
LEFT OUTER JOIN RIM_RISKS_AND_ISSUES P ON RI.PARENT_RISK_ISSUE_ID = P.ID
, ODF_CA_ISSUE C

WHERE C.ID = RI.ID
AND RI.TYPE_CODE = 'ISSUE'
AND @FILTER@

```

Tasktop_GetMultiSelectValues

Query ID: Tasktop_GetMultiSelectValues

Description: This query is required to flow **multi-select and multi-person fields** on any supported artifact type. If such field type support is not needed, it can be omitted.

Source

```
SELECT  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.OBJECT:objecttypeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.PK_ID:internalobjectid@
,       @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ATTRIBUTE:attributeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.VALUE:value@

FROM    ODF_MULTI_VALUED_LOOKUPS O
WHERE   @FILTER@
```

Tasktop_GetPortfolio

Query ID: Tasktop_GetPortfolio

Description: This query is required to flow **portfolios**. If portfolio support is not needed, it can be omitted.

Source

```

SELECT @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.BENEFITS_TARGET:benefits_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPACITY_UNIT_TYPE:capacity_unit_type@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPITAL_COST_TARGET:capital_cost_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CURRENCY_CODE:currency_code@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.COST_HEALTH:cost_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.DESCRPTION:description@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:PV.FINISH_DATE:finish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.GOAL_ALIGNMENT:goal_alignment@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.INNOVATION_LEVEL:innovation_level@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.IS_ACTIVE:is_active@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.OPERATING_COST_TARGET:operating_cost_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.PROBABILITY_SUCCESS:probability_success@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCE_HEALTH:resource_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCES_TARGET:resources_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RISK:risk@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SCHEDULE_HEALTH:schedule_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.START_DATE:start_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_DATE:sync_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_ERROR:sync_error@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:D.DEPARTCODE:department@

FROM
  DWH_PFM_PORTFOLIO_V PV,
  ODF_CA_PFM_PORTFOLIO_CUSTOM,
  PFM_PORTFOLIOS P LEFT OUTER JOIN DEPARTMENTS D ON P.DEPARTMENT_ID = D.ID
  LEFT OUTER JOIN
    (
      SELECT
        PI.PORTFOLIO_ID as INV_PORT_ID,
        COUNT(*) AS INVESTMENT_COUNT,
        MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

      FROM
        PFM_INVESTMENTS PI,
        ODF_CA_INV I

      WHERE
        PI.INVESTMENT_ID = I.ID
      AND
        I.ODF_OBJECT_CODE IN ('asset', 'project')
      GROUP BY PI.PORTFOLIO_ID
    ) I
  ON P.ID = I.INV_PORT_ID

WHERE
  PV.PORTFOLIO_KEY = P.ID
AND
  CUSTOM.ID = P.ID
AND
  @FILTER@

```

Tasktop_GetPortfolioUsers

Query ID: Tasktop_GetPortfolioUsers

Description: This query is required to flow **Managers and Stakeholders on Portfolios**. If such field support is not needed, it can be omitted.

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.PU_INTERNAL_ID:portfolio_user_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.P_INTERNAL_ID:portfolio_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.RESOURCE_ID:user_resource_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.FULL_NAME:user_full_name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.GROUP_CODE:user_group_code@

FROM    (
        SELECT  AOP.ID AS PU_INTERNAL_ID,
                AOP.OBJECT_INSTANCE_ID AS P_INTERNAL_ID,
                R.ID AS RESOURCE_ID,
                R.FULL_NAME,
                G.GROUP_CODE

        FROM    CMN_SEC_ASSGND_OBJ_PERM AOP,
                SRM_RESOURCES R,
                CMN_SEC_GROUPS G

        WHERE   AOP.PRINCIPAL_TYPE = 'USER'
        AND     AOP.OBJECT_ID = (SELECT ID
                                FROM CMN_SEC_OBJECTS cso
                                WHERE OBJECT_CODE = 'PFM_PORTFOLIO'
                                AND OBJECT_TYPE_CODE = 'RECORD')

        AND     R.USER_ID = AOP.PRINCIPAL_ID
        AND     AOP.RIGHT_ID = G.ID
        AND     G.GROUP_CODE IN ('PfmPortfolioOwnerAuto', 'PfmPortfolioStakeholderAuto')
        ) PU
WHERE   @FILTER@

```

Tasktop_GetPortInvestments

Query ID: Tasktop_GetPortInvestments

Description: This query is required to flow **Investments on Portfolios** or the **Portfolios** field on **Assets** or **Projects**. If such support is not needed, it can be omitted.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.ID:portfolio_investment_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.PORTFOLIO_ID:portfolio_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:P.NAME:portfolio_name@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ID:investment_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ODF_OBJECT_CODE:investment_type@

FROM    PFM_INVESTMENTS PI,
        ODF_CA_INV I,
        PFM_PORTFOLIOS P

WHERE   PI.INVESTMENT_ID = I.ID
AND     PI.PORTFOLIO_ID = P.ID
AND     I.ODF_OBJECT_CODE IN ('asset', 'project')
AND     @FILTER@

```

Tasktop_GetProject

Query ID: Tasktop_GetProject

Description: This query is required to flow **Change Requests, Issues, Projects, Risks, and Tasks**. If such artifact support is not needed, it can be omitted.

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:PROJECT:P.PRID:internalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.ASSGN_POOL:assgnpool@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.DESCRPTION:description@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PREXTERNALID:prexternalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRFINISH:prfinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRNAME:prname@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_CALC_MODE:percentcalcmode@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.PROGRESS:progress@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRSTART:prstart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS:status@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_COMPLETE:percentComplete@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_ACTIVE:active@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.MANAGER_ID:managerResourceID@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_OPEN_FOR_TE:openForTimeEntry@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CHARGECODEID:chargeCodeExtID@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRDEPARTMENT:departementName@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRPRRIORITY:priority@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STAGE_CODE:stage@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_INDICATOR:statusIndicator@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_COMMENT:statusComment@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRTRACKMODE:trackMode@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASEFINISH:baselineFinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASESTART:baselineStart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LABOR_ACTSUM:labor_actsum@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.IS_PROGRAM:program@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_COUNT:portfolio_count@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM      PRPROJECT P,
          INV_PROJECTS IP,
          ODF_CA_PROJECT CUSTOM,
          INV_INVESTMENTS I LEFT OUTER JOIN
          (
            SELECT
              PI.INVESTMENT_ID as PORT_INV_ID,
              COUNT(*) AS PORTFOLIO_COUNT,
              MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

            FROM      PFM_INVESTMENTS PI,
                    ODF_CA_INV INV

            WHERE     PI.INVESTMENT_ID = INV.ID
                    AND      INV.ODF_OBJECT_CODE = 'project'

            GROUP BY PI.INVESTMENT_ID
          ) PF ON I.ID = PF.PORT_INV_ID

WHERE     P.PRID = CUSTOM.ID
AND      P.PRID = I.ID
AND      P.PRID = IP.PRID
AND      @FILTER@

```

Tasktop_GetResource

NSQL Script: Tasktop_GetResource

Description: This query is required to flow **Labor Resources**. If such labor resource support is not needed, it can be omitted.

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:RESOURCE:R.ID:internalid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.BOOK_MANAGER_ID:bookingManager@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.CREATED_BY:created_by@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.CREATED_DATE:created_date@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.DATE_OF_HIRE:hireDate@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.DATE_OF_TERMINATION:terminationDate@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.EMAIL:emailAddress@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.IS_EXTERNAL:isExternal@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.EXTERNAL_ID:externalId@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.FIRST_NAME:firstName@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.FULL_NAME:fullName@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.IS_ACTIVE:isActive@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_NAME:lastName@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_UPDATED_BY:updated_by@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_UPDATED_DATE:last_updated_date@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.MANAGER_ID:manager@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.RESOURCE_TYPE:resourceType@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.SMS_EMAIL:smsEmail@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.UNIQUE_NAME:resourceId@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.USER_ID:userid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:U.USER_NAME:username@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRCATEGORY:category@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRTYPECODEID:inputTypeCode@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRISOPEN:openForTimeEntry@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRTRACKMODE:trackMode@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERFLAG1:userFlag1@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERFLAG2:userFlag2@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERNUMBER1:userNumber1@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERNUMBER2:userNumber2@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT1:userText1@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT2:userText2@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT3:userText3@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT4:userText4@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:L.LOOKUP_CODE:employmentType@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:C.partition_code:partition_code@
FROM    ODF_CA_RESOURCE C,
        CMN_LOOKUPS L,
        SRM_RESOURCES R INNER JOIN PRJ_RESOURCES P ON R.ID = P.PRID
        LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE   C.ID = R.ID
AND     R.PERSON_TYPE = L.ID
AND     @FILTER@

```

Tasktop_GetResources (Required)

Query ID: Tasktop_GetResources

Description: This query is required to flow **person fields**. Since all artifacts in Clarity have required person fields, this query is **required** to use the Clarity connector.

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSIGNMENT:R.ID:resource_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.USER_ID:user_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.UNIQUE_NAME:unique_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:full_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:U.USER_NAME:user_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.EMAIL:email@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FIRST_NAME:first_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.LAST_NAME:last_name@

FROM    SRM_RESOURCES R LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE   @FILTER@

```

Tasktop_GetRisk

NSQL Script: Tasktop_GetRisk

Description: This query is required to flow **Risks**. If risk support is not needed, this query can be omitted.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:RISK:RI.ID:internalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RIM_RISK_ISSUE_CODE:externalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.APPROACH_CODE:approachCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.ASSUMPTIONS:assumptions@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.CATEGORY_TYPE_CODE:categoryTypeCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.IMPACT_ENUM:impactCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.IMPACT_DATE:impactDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.IMPACT_DESCRIPTION:impactDescription@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.PRIORITY_CODE:priorityCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.PROBABILITY_ENUM:probabilityCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RESOLUTION:resolution@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RESOLVED_BY:resolved_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RESOLVED_DATE:resolved_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RISK_SYMPTOMS:riskSymptoms@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RISK_THRESHOLD:risk_threshold@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.STATUS_CODE:statusCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.TARGET_RESOLUTION_DATE:targetResolutionDate@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.NAME:name@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.DESCRPTION:description@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.CREATED_BY:created_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.CREATED_DATE:created_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.ASSIGNED_TO:ownerCode@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.LAST_UPDATED_BY:updated_by@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.LAST_UPDATED_DATE:last_updated_date@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.PARENT_RISK_ISSUE_ID:originatingFrom@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:P.TYPE_CODE:originatingType@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:INV.ID:project_internalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:INV.CODE:project_externalId@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:INV.NAME:project_name@
,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:C.partition_code:partition_code@

FROM    RIM_RISKS_AND_ISSUES RI
        LEFT OUTER JOIN INV_INVESTMENTS INV ON RI.PK_ID = INV.ID
        LEFT OUTER JOIN RIM_RISKS_AND_ISSUES P ON RI.PARENT_RISK_ISSUE_ID = P.ID
,
        ODF_CA_RISK C

WHERE   C.ID = RI.ID
AND     RI.TYPE_CODE = 'RISK'
AND     @FILTER@
```

Tasktop_GetRiskIssueLinks

NSQL Script: Tasktop_GetRiskIssueLinks

Description: This query is required to flow **relationships on Risks** (such as **associated issues, risks, and residual risks**). If such support is not needed, this query can be omitted.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:LINKS:L.PK_ID:sourceInternalId@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:LINKS:L.ATTRIBUTE:linkField@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:LINKS:L.VALUE:targetInternalId@

FROM    ODF_MULTI_VALUED_LOOKUPS L

WHERE   L.OBJECT = 'risk'
AND     L.ATTRIBUTE IN ('associated_risks','associated_issues','residual_risks')
AND     @FILTER@
```

Tasktop_GetRiskIssueTasks

NSQL Script: Tasktop_GetRiskIssueTasks

Description: This query is required to flow **associated tasks** on Issues and Risks. If such support is not needed, this query can be omitted.

Source

```
SELECT      @SELECT:DIM:USER_DEF:IMPLIED:TASKS:T.OBJECT_ID:sourceInternalId@,  
            @SELECT:DIM_PROP:USER_DEF:IMPLIED:TASKS:T.PK_ID:targetInternalId@  
FROM        ITL_OBJECT_ASSOCIATIONS T  
WHERE       @FILTER@
```

Tasktop_GetTask

Query ID: Tasktop_GetTask

Description: This query is required to flow **tasks**. If such support is not needed, this query can be omitted.

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREXTTERNALID:prexternalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCATEGORY:prcategory@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCHARGECODEID:prchargecodeid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.EV_CALC_METHOD:ev_calc_method@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.COST_TYPE:cost_type@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRDURATION:prduration@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYFINISH:prearlyfinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYSTART:prearlystart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRFINISH:prfinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRGUIDELINES:prguidelines@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISCRITICAL:prisritical@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISFIXED:prisfixed@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISKEY:priskey@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISLOCKED:prislocked@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISMILESTONE:prismilestone@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.IS_OPEN_TE:is_open_te@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATEFINISH:prlatefinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATESTART:prlatestart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRMETHODEXTID:prmethodextid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPCTCOMPLETE:prpctcomplete@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPRIORITY:prpriority@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSHORTNAME:prshortname@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTART:prstart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTATUS:prstatus@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSLEVEL:prwbslevel@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSSEQUENCE:prwbssequence@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRTOTALFLOAT:prttotalfloat@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWDM:prwdm@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRUSERTEXT1:pruserextl@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:I.ASSGN_POOL:projectassignmentpoolmode@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PREXTTERNALID:projectexternalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PRNAME:projectname@

FROM        PRTASK T
,
  PRPROJECT P
,
  INV_INVESTMENTS I
,
  ODF_CA_TASK CUSTOM
WHERE       T.PRID = CUSTOM.ID
AND        P.PRID = T.PRPROJECTID
AND        P.PRID = I.ID
AND        @FILTER@

```

Tasktop_GetTaskEffort

Query ID: Tasktop_GetTaskEffort

Description: This query is required to flow **worklogs on tasks**. If such support is not needed, this query can be omitted.

Source


```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.prassignmentid:assignmentId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:A.prtaskid:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, PRASSIGNMENT A, SRM_RESOURCES R
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND TE.PRASSIGNMENTID = A.PRID
AND TS.prresourceid = R.ID
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, A.prtaskid, TE.prassignmentid,
TP.prstart

```

Tasktop_GetTimeperiods

NSQL Script: Tasktop_GetTimeperiods

Description: This query is required to flow **worklogs**. If such support is not needed, this query can be omitted.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRID:id@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRSTART:startDate@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRFINISH:finishDate@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRISOPEN:isOpen@
FROM PRTIMEPERIOD TP
WHERE @FILTER@

```

Tasktop_L_Currency_Code

Query ID: Tasktop_L_Currency_Code

Description: This query is required to flow the **currency code field**. This field is required for the creation of **Portfolios** and optional for the creation of **Assets**. If Currency Code field support is not needed, this query can be omitted.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:label@

FROM CMN_CURRENCIES C
WHERE C.IS_ACTIVE = 1
AND @FILTER@

```

Tasktop_L_Department

Query ID: Tasktop_L_Department

Description: This query is required to flow the **department field** on Portfolios. If such field support is not needed, this query can be omitted.

Source

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:DEPT:D.DEPARTCODE:id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:DEPT:D.SHORTDESC:label@

FROM DEPARTMENTS D
WHERE @FILTER@
```

Tasktop_L_inputTypeCode

NSQL Script: Tasktop_L_inputTypeCode

Description: This query is required to flow **Labor Resources**. If labor resource support is not needed, this query can be omitted.

Source

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:KEY:PRID:id@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:KEY:PRUID:UNIQUE_CODE@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:KEY:PRNAME:label@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:KEY:PREXTERNALID:externalId@

FROM PRTYPECODE P
WHERE @FILTER@
AND prIsOpen != 0
```

Tasktop_L_investmentId

Query ID: Tasktop_L_investmentId

Description: This query is required to flow **Investments** or **Worklogs on Incidents**. If such support is not needed, this query can be omitted.

Source

```
SELECT DISTINCT @SELECT:DIM:USER_DEF:IMPLIED:INV:INV.ID:internal_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.NAME:label@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.CODE:id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:CAT.ID:inc_category@
FROM IMM_OBJECT_CATEGORIES OC, INV_INVESTMENTS INV, IMM_CATEGORIES CAT
WHERE @FILTER@
AND OC.OBJECT_ID = INV.ID
AND OC.CATEGORY_ID = CAT.ID
```

Tasktop_L_partition_code

Query ID: Tasktop_L_partition_code

Description: This NSQL query script enables support for **partitions**. It can be omitted if partition support is not required. Please see additional configuration details [here](#).

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:PARTITION:PARTITION.CODE:id@,
       @SELECT:DIM_PROP:USER_DEF:IMPLIED:PARTITION:PARTITION.NAME:label@
FROM   (
        SELECT 'NIKU.ROOT' as code, 'System' as name FROM DUAL
        UNION
        SELECT P.CODE, N.NAME
        FROM
            CMN_PARTITIONS P,
            CMN_CAPTIONS_NLS N
        WHERE N.TABLE_NAME = 'CMN_PARTITIONS'
        AND   P.ID = N.PK_ID
        AND   P.IS_ACTIVE = 1
        AND   N.LANGUAGE_CODE = 'en'
        ) PARTITION
WHERE   @FILTER@

```

Tasktop_L_prchargecodeid

Description: This query is used to enable the "Charge Code" field on Projects, Tasks, and Assets

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:CHG:PRID:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHG:PRNAME:label@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHG:PREXTERNALID:externalId@
FROM   PRChargeCode
WHERE  @FILTER@
       @BROWSE-ONLY:
AND    prIsOpen != 0
AND    prprojectId is null
       :BROWSE-ONLY@

```

Tasktop_R_objID (Incidents)

Description: This query is used for custom sub-objects that have Incident as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode' (see 'Tasktop_S_objID' script)
- Custom attributes can be retrieved by adding ', @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Additionally, the Tasktop_GetIncident query must be created.

Sub-objects that are not enabled in this way will be invisible to the connector

Source

Replace 'exampleobjectcode' with the object's Object Code.

```

SELECT    @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.INCIDENT_CODE:trackingid@

FROM      odf_ca_exampleobjectcode O, IMM_INCIDENTS I
WHERE     O.ODF_PARENT_ID = I.ID
AND       @FILTER@

```

Tasktop_R_objID (Projects)

Description: This query is used for custom sub-objects that have Project as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'. (see 'Tasktop_S_objID' script)
- Custom attributes can be retrieved by adding ', SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Sub-objects that are not enabled in this way will be invisible to the connector.

Source

Replace 'exampleobjectcode' with the object's Object Code.

```

SELECT    @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,         @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.CODE:externalid@

FROM      odf_ca_exampleobjectcode O, INV_INVESTMENTS I
WHERE     O.ODF_PARENT_ID = I.ID
AND       @FILTER@

```

Tasktop_S_objID (Incidents or Projects)

Description: This query is used for custom sub-objects that have Incidents or Projects as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'. (see 'Tasktop_R_objID' script)
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.

- Custom attributes can be retrieved by adding ', SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Sub-objects that are not enabled in this way will be invisible to the connector.

Source

Replace 'exampleobjectcode' with the object's Object Code.

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalId@
,
  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,
  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,
  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM    odf_ca_exampleobjectcode O
WHERE   @FILTER@
```

Tasktop_SearchAssets

Query ID: Tasktop_SearchAssets

Description: This query is required to flow **Assets**. If Asset support is not needed, this query can be omitted.

Source

```
SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM    ODF_CA_ASSET CUSTOM,
        INV_INVESTMENTS I LEFT OUTER JOIN
        (
          SELECT
            PI.INVESTMENT_ID as PORT_INV_ID,
            COUNT(*) AS PORTFOLIO_COUNT,
            MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

          FROM    PFM_INVESTMENTS PI,
                 ODF_CA_INV INV
          WHERE   PI.INVESTMENT_ID = INV.ID
          AND     INV.ODF_OBJECT_CODE = 'asset'
          GROUP BY PI.INVESTMENT_ID
        ) PF ON I.ID = PF.PORT_INV_ID

WHERE   I.ID = CUSTOM.ID
AND     @FILTER@
```

Tasktop_SearchChangeRequests

NSQL Script: Tasktop_SearchChangeRequests

Description: This query is required to flow **Change Requests**. If Change Request support is not needed, this query can be omitted.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.ID:internalid@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.RIM_RISK_ISSUE_CODE:externalId@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.NAME:name@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHANGE_REQUEST:RI.LAST_UPDATED_DATE:last_updated_date@

FROM    RIM_RISKS_AND_ISSUES RI

WHERE   RI.TYPE_CODE = 'CHANGE'
AND     @FILTER@
```

Tasktop_SearchIncidents

Query ID: Tasktop_SearchIncidents

Description: This query is required to flow **Incidents**. If Incident support is not needed, this query can be omitted.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@

FROM    IMM_INCIDENTS I, IMM_CATEGORIES C
WHERE   I.CATEGORY_ID = C.ID
AND     @FILTER@
```

Tasktop_SearchIssues

NSQL Script: Tasktop_SearchIssues

Description: This query is required to flow **Issues**. If Issue support is not needed, this query can be omitted.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:RISK:RI.ID:internalid@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RIM_RISK_ISSUE_CODE:externalId@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.NAME:name@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.LAST_UPDATED_DATE:last_updated_date@

FROM    RIM_RISKS_AND_ISSUES RI

WHERE   RI.TYPE_CODE = 'ISSUE'
AND     @FILTER@
```

Tasktop_SearchPortfolios

Query ID: Tasktop_SearchPortfolios

Description: This query is required to flow **Portfolios**. If Portfolio support is not needed, this query can be omitted.

Source

```
SELECT @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_COUNT:investment_count@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_LAST_UPDATED:investment_last_updated@

FROM PFM_PORTFOLIOS P LEFT OUTER JOIN
(
SELECT
PI.PORTFOLIO_ID as INV_PORT_ID,
COUNT(*) AS INVESTMENT_COUNT,
MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

FROM PFM_INVESTMENTS PI,
ODF_CA_INV I

WHERE PI.INVESTMENT_ID = I.ID
AND I.ODF_OBJECT_CODE IN ('asset', 'project')
GROUP BY PI.PORTFOLIO_ID
) I ON P.ID = I.INV_PORT_ID

WHERE @FILTER@
```

Tasktop_SearchProjects

Query ID: Tasktop_SearchProjects

Description: This query is required to flow **Change Requests, Issues, Projects, Risks, and Tasks**. If such support is not needed, this query can be omitted.

Source

```
SELECT @Select:DIM:USER_DEF:IMPLIED:PRJ:P.PRID:internalid@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PREEXTERNALID:preexternalid@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:I.LAST_UPDATED_DATE:last_updated_date@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PRNAME:prname@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_COUNT:portfolio_count@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM PRPROJECT P,
INV_INVESTMENTS I LEFT OUTER JOIN
(
SELECT
PI.INVESTMENT_ID as PORT_INV_ID,
COUNT(*) AS PORTFOLIO_COUNT,
MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

FROM PFM_INVESTMENTS PI,
ODF_CA_INV INV

WHERE PI.INVESTMENT_ID = INV.ID
AND INV.ODF_OBJECT_CODE = 'project'
GROUP BY PI.INVESTMENT_ID
) PF ON I.ID = PF.PORT_INV_ID

WHERE P.PRID = I.ID
AND @FILTER@
```

Tasktop_SearchResources

NSQL Script: Tasktop_SearchResources

Description: This query is required to flow **Labor Resources**. If Labor Resource support is not needed, this query can be omitted.

Source

```
SELECT @Select:DIM:USER_DEF:IMPLIED:RESOURCE:R.ID:internalid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.USER_ID:userId@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.UNIQUE_NAME:resourceId@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_UPDATED_DATE:last_updated_date@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.FULL_NAME:displayName@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.RESOURCE_TYPE:resourceType@
FROM SRM_RESOURCES R LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE @FILTER@
```

Tasktop_SearchRisks

NSQL Script: Tasktop_SearchRisks

Description: This query is required to flow **Risks**. If Risk support is not needed, this query can be omitted.

Source

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:RISK:RI.ID:internalid@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.RIM_RISK_ISSUE_CODE:externalId@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.NAME:name@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:RISK:RI.LAST_UPDATED_DATE:last_updated_date@

FROM RIM_RISKS_AND_ISSUES RI

WHERE RI.TYPE_CODE = 'RISK'
AND @FILTER@
```

Tasktop_SearchTasks

Query ID: Tasktop_SearchTasks

Description: This query is required to flow **Tasks**. If Task support is not needed, this query can be omitted.

Source

```
SELECT @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREEXTERNALID:preexternalid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
, @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
, @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
, @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
FROM PRTASK T
, INV_INVESTMENTS I
WHERE T.PRPROJECTID = I.ID
AND I.ODF_OBJECT_CODE = 'project'
AND (T.PREEXTERNALID NOT IN
      (SELECT P.PREEXTERNALID
       FROM PRPROJECT P)
      OR T.PREEXTERNALID IS NULL
      OR T.PRISTASK = 1)
AND @FILTER@
```


Planview Tasktop Hub 18.4.0.20180829 - 19.1.0.20181106-b545 / Tasktop Sync 4.16

NSQL Queries for Hub 18.4.0.20180829 - 19.1.0.20181106-b545 / Sync 4.16

Tasktop_GetTask

Query ID: Tasktop_GetTask

Source

```
SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREXTTERNALID:prexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCATEGORY:prcategory@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCHARGECODEID:prchargecodeid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.EV_CALC_METHOD:ev_calc_method@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.COST_TYPE:cost_type@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_BY:created_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_DATE:created_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRDURATION:prduration@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYFINISH:prearlyfinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYSTART:prearlystart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRFINISH:prfinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRGUIDELINES:prguidelines@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISCRITICAL:prisritical@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISFIXED:prisfixed@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISKEY:priskey@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISLOCKED:prislocked@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISMILESTONE:prismilestone@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.IS_OPEN_TE:is_open_te@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATEFINISH:prlatefinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATESTART:prlatestart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_BY:updated_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRMETHODEXTID:prmethodextid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPCTCOMPLETE:prpctcomplete@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPRIORITY:prpriority@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSHORTNAME:prshortname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTART:prstart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTATUS:prstatus@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSLEVEL:prwbslevel@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSSEQUENCE:prwbssequence@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRTOTALFLOAT:prttotalfloat@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWDM:prwdm@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRUSERTEXT1:prusertext1@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:I.ASSGN_POOL:projectassignmentpoolmode@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PREXTTERNALID:projectexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PRNAME:projectname@

FROM        PRTASK T
,           PRPROJECT P
,           INV_INVESTMENTS I
,           ODF_CA_TASK CUSTOM
WHERE       T.PRID = CUSTOM.ID
AND         P.PRID = T.PRPROJECTID
AND         P.PRID = I.ID
AND         @FILTER@
```

Tasktop_SearchTasks

Query ID: Tasktop_SearchTasks

Source

```
SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREEXTERNALID:preexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
FROM        PRTASK T
,           INV_INVESTMENTS I
WHERE       T.PRPROJECTID = I.ID
AND         I.ODF_OBJECT_CODE = 'project'
AND         (T.PREEXTERNALID NOT IN
              (SELECT P.PREEXTERNALID
               FROM PRPROJECT P)
              OR T.PREEXTERNALID IS NULL
              OR T.PRISTASK = 1)
AND         @FILTER@
```

Tasktop_GetProject

Query ID: Tasktop_GetProject

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:PROJECT:P.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.ASSGN_POOL:assgnpool@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_BY:created_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_DATE:created_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.DESCRPTION:description@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PREXTERNALID:prexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRFINISH:prfinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_BY:updated_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_CALC_MODE:percentcalcmode@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.PROGRESS:progress@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRSTART:prstart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS:status@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_COMPLETE:percentComplete@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_ACTIVE:active@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.MANAGER_ID:managerResourceID@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_OPEN_FOR_TE:openForTimeEntry@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CHARGECODEID:chargeCodeExtID@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRDEPARTMENT:departementName@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRPRRIORITY:priority@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STAGE_CODE:stage@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_INDICATOR:statusIndicator@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_COMMENT:statusComment@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRTRACKMODE:trackMode@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASEFINISH:baselineFinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASESTART:baselineStart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LABOR_ACTSUM:labor_actsum@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.IS_PROGRAM:program@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_COUNT:portfolio_count@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM        PRPROJECT P,
            INV_PROJECTS IP,
            ODF_CA_PROJECT CUSTOM,
            INV_INVESTMENTS I LEFT OUTER JOIN
            (
                SELECT
                    PI.INVESTMENT_ID as PORT_INV_ID,
                    COUNT(*) AS PORTFOLIO_COUNT,
                    MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

                FROM      PFM_INVESTMENTS PI,
                        ODF_CA_INV INV

                WHERE     PI.INVESTMENT_ID = INV.ID
                        AND      INV.ODF_OBJECT_CODE = 'project'

                GROUP BY PI.INVESTMENT_ID
            ) PF ON I.ID = PF.PORT_INV_ID

WHERE       P.PRID = CUSTOM.ID
AND         P.PRID = I.ID
AND         P.PRID = IP.PRID
AND         @FILTER@

```

Tasktop_SearchProjects

Query ID: Tasktop_SearchProjects

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PRJ:P.PRID:internalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PREEXTERNALID:preexternalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:I.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PRNAME:prname@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_COUNT:portfolio_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM    PRPROJECT P,
        INV_INVESTMENTS I LEFT OUTER JOIN
        (
        SELECT
            PI.INVESTMENT_ID as PORT_INV_ID,
            COUNT(*) AS PORTFOLIO_COUNT,
            MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV INV
        WHERE   PI.INVESTMENT_ID = INV.ID
        AND     INV.ODF_OBJECT_CODE = 'project'
        GROUP BY PI.INVESTMENT_ID
        ) PF ON I.ID = PF.PORT_INV_ID

WHERE   P.PRID = I.ID
AND     @FILTER@

```

Tasktop_GetPortfolio

Query ID: Tasktop_GetPortfolio

Source

```

SELECT @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.BENEFITS_TARGET:benefits_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPACITY_UNIT_TYPE:capacity_unit_type@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPITAL_COST_TARGET:capital_cost_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CURRENCY_CODE:currency_code@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.COST_HEALTH:cost_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.DESCRPTION:description@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:PV.FINISH_DATE:finish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.GOAL_ALIGNMENT:goal_alignment@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.INNOVATION_LEVEL:innovation_level@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.IS_ACTIVE:is_active@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.OPERATING_COST_TARGET:operating_cost_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.PROBABILITY_SUCCESS:probability_success@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCE_HEALTH:resource_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCES_TARGET:resources_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RISK:risk@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SCHEDULE_HEALTH:schedule_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.START_DATE:start_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_DATE:sync_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_ERROR:sync_error@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:D.DEPARTCODE:department@

FROM

  DWH_PFM_PORTFOLIO_V PV,
  ODF_CA_PFM_PORTFOLIO_CUSTOM,
  PFM_PORTFOLIOS P LEFT OUTER JOIN DEPARTMENTS D ON P.DEPARTMENT_ID = D.ID
  LEFT OUTER JOIN
    (
      SELECT
        PI.PORTFOLIO_ID as INV_PORT_ID,
        COUNT(*) AS INVESTMENT_COUNT,
        MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

      FROM
        PFM_INVESTMENTS PI,
        ODF_CA_INV I

      WHERE
        PI.INVESTMENT_ID = I.ID
      AND
        I.ODF_OBJECT_CODE IN ('asset', 'project')
      GROUP BY PI.PORTFOLIO_ID
    ) I
  ON P.ID = I.INV_PORT_ID

WHERE
  PV.PORTFOLIO_KEY = P.ID
AND
  CUSTOM.ID = P.ID
AND
  @FILTER@

```

Tasktop_SearchPortfolios

Query ID: Tasktop_SearchPortfolios

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_COUNT:investment_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_LAST_UPDATED:investment_last_updated@

FROM    PFM_PORTFOLIOS P LEFT OUTER JOIN
        (
        SELECT
            PI.PORTFOLIO_ID as INV_PORT_ID,
            COUNT(*) AS INVESTMENT_COUNT,
            MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV I

        WHERE   PI.INVESTMENT_ID = I.ID
                AND
                I.ODF_OBJECT_CODE IN ('asset', 'project')
                GROUP BY PI.PORTFOLIO_ID
        ) I ON P.ID = I.INV_PORT_ID

WHERE   @FILTER@

```

Tasktop_GetPortfolioUsers

Query ID: Tasktop_GetPortfolioUsers

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.PU_INTERNAL_ID:portfolio_user_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.P_INTERNAL_ID:portfolio_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.RESOURCE_ID:user_resource_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.FULL_NAME:user_full_name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.GROUP_CODE:user_group_code@

FROM    (
        SELECT  AOP.ID AS PU_INTERNAL_ID,
                AOP.OBJECT_INSTANCE_ID AS P_INTERNAL_ID,
                R.ID AS RESOURCE_ID,
                R.FULL_NAME,
                G.GROUP_CODE

        FROM    CMN_SEC_ASSGND_OBJ_PERM AOP,
                SRM_RESOURCES R,
                CMN_SEC_GROUPS G

        WHERE   AOP.PRINCIPAL_TYPE = 'USER'
                AND
                AOP.OBJECT_ID = (SELECT ID
                                FROM CMN_SEC_OBJECTS cso
                                WHERE OBJECT_CODE = 'PFM_PORTFOLIO'
                                AND OBJECT_TYPE_CODE = 'RECORD')

        AND    R.USER_ID = AOP.PRINCIPAL_ID
                AND
                AOP.RIGHT_ID = G.ID
                AND
                G.GROUP_CODE IN ('PfmPortfolioOwnerAuto', 'PfmPortfolioStakeholderAuto')
        ) PU

WHERE   @FILTER@

```

Tasktop_GetPortInvestments

Query ID: Tasktop_GetPortInvestments

Note: This query is required for continued support of Assets and Projects. It is recommended that anyone using the Clarity connector include this query, regardless of whether they require support for Portfolios or not. It is used for the new 'Portfolios' multi container link field on Assets and Projects.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.ID:portfolio_investment_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.PORTFOLIO_ID:portfolio_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:P.NAME:portfolio_name@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ID:investment_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ODF_OBJECT_CODE:investment_type@

FROM    PFM_INVESTMENTS PI,
        ODF_CA_INV I,
        PFM_PORTFOLIOS P

WHERE   PI.INVESTMENT_ID = I.ID
AND     PI.PORTFOLIO_ID = P.ID
AND     I.ODF_OBJECT_CODE IN ('asset', 'project')
AND     @FILTER@
```

Tasktop_L_Currency_Code

Query ID: Tasktop_L_Currency_Code

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:label@

FROM    CMN_CURRENCIES C
WHERE   C.IS_ACTIVE = 1
AND     @FILTER@
```

Tasktop_L_Department

Query ID: Tasktop_L_Department

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:DEPT:D.DEPARTCODE:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:DEPT:D.SHORTDESC:label@

FROM    DEPARTMENTS D
WHERE   @FILTER@
```

Tasktop_GetMultiSelectValues

Query ID: Tasktop_GetMultiSelectValues

Source

```

SELECT  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.OBJECT:objecttypeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.PK_ID:internalobjectid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ATTRIBUTE:attributeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.VALUE:value@

FROM    ODF_MULTI_VALUED_LOOKUPS O
WHERE   @FILTER@

```

Tasktop_GetAssignments

Query ID: Tasktop_GetAssignments

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSIGNMENT:A.PRUID:assignmentinternalid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRRESOURCEID:assignmentresourceid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:assignmentresourcefullname@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRTASKID:assignmenttaskid@

FROM    PRASSIGNMENT A
,       SRM_RESOURCES R

WHERE   A.PRRESOURCEID = R.ID
AND     @FILTER@

```

Tasktop_GetResources

Query ID: Tasktop_GetResources

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSIGNMENT:R.ID:resource_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.USER_ID:user_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.UNIQUE_NAME:unique_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:full_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:U.USER_NAME:user_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.EMAIL:email@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FIRST_NAME:first_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.LAST_NAME:last_name@

FROM    SRM_RESOURCES R LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE   @FILTER@

```

Tasktop_GetTaskEffort

Query ID: Tasktop_GetTaskEffort

Source


```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.prassignmentid:assignmentId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:A.prtaskid:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, PRASSIGNMENT A, SRM_RESOURCES R
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND TE.PRASSIGNMENTID = A.PRID
AND TS.prresourceid = R.ID
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, A.prtaskid, TE.prassignmentid,
TP.prstart

```

Tasktop_GetIncident (Optional)

Query ID: Tasktop_GetIncident

Note: This NSQL query script enables support for Incident Sub-object artifacts. It can be omitted if Incident support is not required.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_PRJMgr_ID:assigned_prjmgr_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_TO:assigned_to@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.DESCRPTION:description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ESTIMATED_EFFORT:estimated_effort@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXPECTED_RESOLUTION_DATE:exp_resolution_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXTERNAL_ID:external_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IMPACT_ENUM:impact@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INVESTMENT_ID:investment_internal_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IS_PRIORITY_OVERRIDDEN:priority_override@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.PRIORITY_ENUM:priority@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.REPORTED_BY:reported_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.RESOLUTION_DATE:resolution_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.START_DATE:start_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.STATUS_CODE:status@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.TYPE_CODE:type@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.URGENCY_ENUM:urgency@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.VERIFICATION_DATE:verification_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:U.USER_NAME:reported_by_username@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.ID:category_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:categoryCode@

FROM    IMM_INCIDENTS I LEFT OUTER JOIN CMN_SEC_USERS U ON I.REPORTED_BY = U.id
LEFT OUTER JOIN INV_INVESTMENTS INV on I.INVESTMENT_ID = INV.ID
,       IMM_CATEGORIES C
,       ODF_CA_INCIDENT CUSTOM
WHERE   I.CATEGORY_ID = C.ID
AND     CUSTOM.ID = I.ID
AND     @FILTER@

```

Tasktop_SearchIncidents (Optional)

Query ID: Tasktop_SearchIncidents

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@

FROM    IMM_INCIDENTS I, IMM_CATEGORIES C
WHERE   I.CATEGORY_ID = C.ID
AND     @FILTER@
```

Tasktop_GetIncidentCategories (Optional)

Query ID: Tasktop_GetIncidentCategories

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CAT:C.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.NAME:name@

FROM    IMM_CATEGORIES C
WHERE   @FILTER@
```

Tasktop - Get Incident Investments (Optional)

Query ID: Tasktop_L_investmentId

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT DISTINCT @SELECT:DIM:USER_DEF:IMPLIED:INV:INV.ID:internal_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.NAME:label@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.CODE:id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:CAT.ID:inc_category@
FROM IMM_OBJECT_CATEGORIES OC, INV_INVESTMENTS INV, IMM_CATEGORIES CAT
WHERE @FILTER@
AND OC.OBJECT_ID = INV.ID
AND OC.CATEGORY_ID = CAT.ID
```

Tasktop_GetIncidentEffort (Optional)

Query ID: Tasktop_GetIncidentEffort

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.incident_id:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, SRM_RESOURCES R, INV_INVESTMENTS I
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND I.ID = TE.incident_investment_id
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, TE.incident_id,
TP.prstart

```

Tasktop - Retrieve Custom Incident Sub-Object (Optional)

NSQL for searching and retrieving custom Incident Sub-Objects

The connector supports custom sub-objects that have Incident as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.
- Custom attributes can be retrieved by adding ', @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Additionally, the Tasktop_GetIncident query must be created.

Sub-objects that are not enabled in this way will be invisible to the connector.

NSQL Script Template: Retrieve Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.INCIDENT_CODE:trackingid@

FROM    odf_ca_exampleobjectcode O, IMM_INCIDENTS I
WHERE   O.ODF_PARENT_ID = I.ID
AND     @FILTER@

```

NSQL Script Template: Search Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM    odf_ca_exampleobjectcode O
WHERE   @FILTER@

```

Tasktop - Retrieve Custom Project Sub-Objects

NSQL for searching and retrieving custom Project Sub-Objects

The connector supports custom sub-objects that have Project as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.
- Custom attributes can be retrieved by adding ', SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Sub-objects that are not enabled in this way will be invisible to the connector.

NSQL Script Template: Retrieve Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.CODE:externalid@

FROM    odf_ca_exampleobjectcode O, INV_INVESTMENTS I
WHERE   O.ODF_PARENT_ID = I.ID
AND     @FILTER@

```

Tasktop - Search Sub-Object (Optional)

NSQL Script Template: Search Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM odf_ca_exampleobjectcode O
WHERE @FILTER@
```

Tasktop_GetAsset (Optional)

Query ID: Tasktop_GetAsset

Note: This NSQL query script enables support for Asset artifacts. It can be omitted if Asset support is not required.

Source

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.ALIGNMENT:alignment@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CHARGE_CODE_ID:charge_code_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_BY:created_by@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_DATE:created_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CURRENCY_CODE:currency_code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.DESCRPTION:description@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.GOAL_CODE:goal@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_ACTIVE:is_active@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_OPEN_FOR_TE:is_open_for_time_entry@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_REQUIRED:is_required@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LABOR_VARIANCESUM:labor_variance_sum@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.MANAGER_ID:manager_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PRIORITY:priority@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PROGRESS:progress@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PURGE_FLAG:purge_flag@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RISK:risk@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RSF_OBS_UNIT:rsf_obs_unit@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_FINISH:finish_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_START:start_date@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SLA_COMPLIANCE:sla_compliance@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STAGE_CODE:stage@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS:status_code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_COMMENT:status_comment@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_INDICATOR:status_indicator@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SYNC_INV_N_BDG_DATES:set_planned_cost_dates@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TARGET_MANAGER_ID:target_manager_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TRACK_MODE:track_mode@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:A.CATEGORY_CODE:category_code@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_BREAKEVEN:budget_breakeven@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_FINISH:budget_cost_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_START:budget_cost_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_IRR:budget_irr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_MIRR:budget_mirr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_PAYBACK_PERIOD:budget_payback_period@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_FINISH:budget_rev_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_START:budget_rev_start@
```

```

, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_ROI:budget_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_CALC_PV_INFO:is_calc_pv_info@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_FCST_EQ_BDGT:is_forecast_equal_budget@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_RR:is_sys_value_for_rr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_TCC:is_sys_value_for_tcc@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_FINISH:planned_ben_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_START:planned_ben_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BREAKEVEN:planned_breakeven@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_FINISH:planned_cost_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_START:planned_cost_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_IRR:planned_irr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_MIRR:planned_mirr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_PAYBACK_PERIOD:planned_payback_period@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_ROI:planned_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.REINVESTMENT_RATE:reinvestment_rate@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.TOTAL_COST_OF_CAPITAL:total_cost_of_capital@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM
  ODF_CA_INV CA,
  ODF_OBJECT_INSTANCE_MAPPING MAP,
  INV_ASSETS A,
  FIN_FINANCIALS F,
  ODF_CA_ASSET CUSTOM,
  INV_INVESTMENTS I LEFT OUTER JOIN
  (
    SELECT
      PI.INVESTMENT_ID as PORT_INV_ID,
      COUNT(*) AS PORTFOLIO_COUNT,
      MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

    FROM
      PFM_INVESTMENTS PI,
      ODF_CA_INV INV

    WHERE
      PI.INVESTMENT_ID = INV.ID
      AND INV.ODF_OBJECT_CODE = 'asset'

    GROUP BY
      PI.INVESTMENT_ID
  ) PF ON I.ID = PF.PORT_INV_ID

WHERE A.ID = I.ID
AND CUSTOM.ID = I.ID
AND CA.ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_CODE = CA.ODF_OBJECT_CODE
AND MAP.SECONDARY_OBJECT_INSTANCE_CODE = 'financials'
AND MAP.SECONDARY_OBJECT_INSTANCE_ID = F.ID
AND @FILTER@

```

Tasktop_SearchAssets (Optional)

Query ID: Tasktop_SearchAssets

Note: This query is only required if the **Tasktop_GetAsset** NSQL query is also present.

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM

ODF_CA_ASSET CUSTOM,
INV_INVESTMENTS I LEFT OUTER JOIN
(
    SELECT
        PI.INVESTMENT_ID as PORT_INV_ID,
        COUNT(*) AS PORTFOLIO_COUNT,
        MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

    FROM
        PFM_INVESTMENTS PI,
        ODF_CA_INV INV

    WHERE
        PI.INVESTMENT_ID = INV.ID
    AND
        INV.ODF_OBJECT_CODE = 'asset'
    GROUP BY PI.INVESTMENT_ID
) PF ON I.ID = PF.PORT_INV_ID

WHERE
    I.ID = CUSTOM.ID
AND
    @FILTER@

```

Tasktop - Get Partitions (Optional)

Query ID: Tasktop_L_partition_code

Note: This NSQL query script enables support for partitions. It can be omitted if partition support is not required.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:PARTITION:PARTITION.CODE:id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PARTITION:PARTITION.NAME:label@

FROM
    (
        SELECT 'NIKU.ROOT' as code, 'System' as name FROM DUAL
        UNION
        SELECT P.CODE, N.NAME
        FROM
            CMN_PARTITIONS P,
            CMN_CAPTIONS_NLS N
        WHERE
            N.TABLE_NAME = 'CMN_PARTITIONS'
            AND
            P.ID = N.PK_ID
            AND
            P.IS_ACTIVE = 1
            AND
            N.LANGUAGE_CODE = 'en'
    ) PARTITION

WHERE
    @FILTER@

```

Tasktop_GetTimeperiods

NSQL Script: Tasktop_GetTimeperiods

Source

```

SELECT
    @SELECT:DIM:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRID:id@,
    @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRSTART:startDate@,
    @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRFINISH:finishDate@,
    @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRISOPEN:isOpen@

FROM
    PRTIMEPERIOD TP

WHERE
    @FILTER@

```

Tasktop_SearchResources (Optional)

NSQL Script: Tasktop_SearchResources

Description: To flow Labor resources, the following three queries must exist:

- Tasktop_SearchResources
- Tasktop_GetResource
- Tasktop_L_inputTypeCode

Source

```
SELECT @Select:DIM:USER_DEF:IMPLIED:RESOURCE:R.ID:internalid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.USER_ID:userid@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.UNIQUE_NAME:resourceId@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_UPDATED_DATE:last_updated_date@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.FULL_NAME:displayName@
, @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.RESOURCE_TYPE:resourceType@
FROM SRM_RESOURCES R LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE @FILTER@
```

Tasktop_GetResource (Optional)

NSQL Script: Tasktop_GetResource

Description: To flow Labor resources, the following three queries must exist:

- Tasktop_SearchResources
- Tasktop_GetResource
- Tasktop_L_inputTypeCode

Source


```

SELECT  @Select:DIM:USER_DEF:IMPLIED:RESOURCE:R.ID:internalId@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.BOOK_MANAGER_ID:bookingManager@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.DATE_OF_HIRE:hireDate@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.DATE_OF_TERMINATION:terminationDate@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.EMAIL:emailAddress@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.IS_EXTERNAL:isExternal@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.EXTERNAL_ID:externalId@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.FIRST_NAME:firstName@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.FULL_NAME:fullName@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.IS_ACTIVE:isActive@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_NAME:lastName@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.MANAGER_ID:manager@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.RESOURCE_TYPE:resourceType@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.SMS_EMAIL:smsEmail@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.UNIQUE_NAME:resourceId@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.USER_ID:userid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:U.USER_NAME:username@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRCATEGORY:category@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRTYPECODEID:inputTypeCode@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRISOPEN:openForTimeEntry@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRTRACKMODE:trackMode@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERFLAG1:userFlag1@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERFLAG2:userFlag2@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERNUMBER1:userNumber1@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERNUMBER2:userNumber2@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT1:userText1@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT2:userText2@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT3:userText3@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:P.PRUSERTEXT4:userText4@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:L.LOOKUP_CODE:employmentType@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:C.partition_code:partition_code@
FROM    ODF_CA_RESOURCE C,
        CMN_LOOKUPS L,
        SRM_RESOURCES R INNER JOIN PRJ_RESOURCES P ON R.ID = P.PRID
        LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE   C.ID = R.ID
AND     R.PERSON_TYPE = L.ID
AND     @FILTER@

```

Tasktop_L_inputTypeCode (Optional)

NSQL Script: Tasktop_L_inputTypeCode

Description: To flow Labor resources, the following three queries must exist:

- Tasktop_SearchResources
- Tasktop_GetResource
- Tasktop_L_inputTypeCode

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:KEY:PRID:id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:KEY:PRUID:UNIQUE_CODE@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:KEY:PRNAME:label@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:KEY:PREXTERNALID:externalId@
FROM    PRTypeCode P
WHERE   @FILTER@
AND     prIsOpen != 0

```

Planview Tasktop Viz / Planview Tasktop Hub 18.2.20+, 18.3.3+, 18.4.0.20180723 and later / Tasktop Sync 4.14.20+, 4.15.3+

NSQL Queries for Tasktop Viz / Hub 18.2.20+, 18.3.3+, 18.4.0.20180723 and later / Sync

Tasktop_GetTask

Query ID: Tasktop_GetTask

Source

```
SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREXTERNALID:prexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCATEGORY:prcategory@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCHARGECODEID:prchargecodeid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.EV_CALC_METHOD:ev_calc_method@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.COST_TYPE:cost_type@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_BY:created_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_DATE:created_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRDURATION:prduration@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYFINISH:prearlyfinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYSTART:prearlystart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRFINISH:prfinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRGUIDELINES:prguidelines@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISCRITICAL:prisritical@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISFIXED:prisfixed@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISKEY:priskey@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISLOCKED:prislocked@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISMILESTONE:prismilestone@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.IS_OPEN_TE:is_open_te@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATEFINISH:prlatefinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATESTART:prlatestart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_BY:updated_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRMETHODEXTID:prmethodextid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPCTCOMPLETE:prpctcomplete@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPRRIORITY:prpriority@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSHORTNAME:prshortname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTART:prstart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTATUS:prstatus@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSEVEL:prwbslevel@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSEQUENCE:prwbssequence@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRTOTALFLOAT:prttotalfloat@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWDM:prwdm@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRUSERTEXT1:pruserext1@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:I.ASSGN_POOL:projectassignmentpoolmode@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PREXTERNALID:projectexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PRNAME:projectname@

FROM        PRTASK T
,           PRPROJECT P
,           INV_INVESTMENTS I
,           ODF_CA_TASK CUSTOM
WHERE       T.PRID = CUSTOM.ID
AND         P.PRID = T.PRPROJECTID
AND         P.PRID = I.ID
AND         @FILTER@
```

Tasktop_SearchTasks

Query ID: Tasktop_SearchTasks

Source

```
SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREEXTERNALID:preexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
FROM        PRTASK T
,           INV_INVESTMENTS I
WHERE       T.PRPROJECTID = I.ID
AND        I.ODF_OBJECT_CODE = 'project'
AND        (T.PREEXTERNALID NOT IN
            (SELECT P.PREEXTERNALID
             FROM PRPROJECT P)
            OR T.PREEXTERNALID IS NULL
            OR T.PRISTASK = 1)
AND        @FILTER@
```

Tasktop_GetProject

Query ID: Tasktop_GetProject

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:PROJECT:P.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.ASSGN_POOL:assgnpool@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_BY:created_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_DATE:created_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.DESCRPTION:description@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PREXTNALID:prexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRFINISH:prfinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_BY:updated_by@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_CALC_MODE:percentcalcmode@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.PROGRESS:progress@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRSTART:prstart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS:status@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_COMPLETE:percentComplete@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_ACTIVE:active@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.MANAGER_ID:managerResourceID@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_OPEN_FOR_TE:openForTimeEntry@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CHARGECODEID:chargeCodeExtID@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRDEPARTMENT:departementName@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRPRORITY:priority@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STAGE_CODE:stage@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_INDICATOR:statusIndicator@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_COMMENT:statusComment@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRTRACKMODE:trackMode@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASEFINISH:baselineFinish@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASESTART:baselineStart@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LABOR_ACTSUM:labor_actsum@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.IS_PROGRAM:program@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_COUNT:portfolio_count@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM        PRPROJECT P,
           INV_PROJECTS IP,
           ODF_CA_PROJECT CUSTOM,
           INV_INVESTMENTS I LEFT OUTER JOIN
           (
           SELECT
           PI.INVESTMENT_ID as PORT_INV_ID,
           COUNT(*) AS PORTFOLIO_COUNT,
           MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

           FROM       PFM_INVESTMENTS PI,
           ODF_CA_INV INV
           WHERE      PI.INVESTMENT_ID = INV.ID
           AND        INV.ODF_OBJECT_CODE = 'project'
           GROUP BY  PI.INVESTMENT_ID
           ) PF ON I.ID = PF.PORT_INV_ID

WHERE       P.PRID = CUSTOM.ID
AND         P.PRID = I.ID
AND         P.PRID = IP.PRID
AND         @FILTER@

```

Tasktop_SearchProjects

Query ID: Tasktop_SearchProjects

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PRJ:P.PRID:internalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PREEXTERNALID:preexternalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:I.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PRNAME:prname@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_COUNT:portfolio_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM    PRPROJECT P,
        INV_INVESTMENTS I LEFT OUTER JOIN
        (
        SELECT
            PI.INVESTMENT_ID as PORT_INV_ID,
            COUNT(*) AS PORTFOLIO_COUNT,
            MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV INV
        WHERE   PI.INVESTMENT_ID = INV.ID
        AND     INV.ODF_OBJECT_CODE = 'project'
        GROUP BY PI.INVESTMENT_ID
        ) PF ON I.ID = PF.PORT_INV_ID

WHERE   P.PRID = I.ID
AND     @FILTER@

```

Tasktop_GetPortfolio

Query ID: Tasktop_GetPortfolio

Source

```

SELECT @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.BENEFITS_TARGET:benefits_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPACITY_UNIT_TYPE:capacity_unit_type@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPITAL_COST_TARGET:capital_cost_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CURRENCY_CODE:currency_code@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.COST_HEALTH:cost_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.DESCRPTION:description@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:PV.FINISH_DATE:finish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.GOAL_ALIGNMENT:goal_alignment@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.INNOVATION_LEVEL:innovation_level@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.IS_ACTIVE:is_active@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.OPERATING_COST_TARGET:operating_cost_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.PROBABILITY_SUCCESS:probability_success@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCE_HEALTH:resource_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCES_TARGET:resources_target@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RISK:risk@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SCHEDULE_HEALTH:schedule_health@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.START_DATE:start_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_DATE:sync_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_ERROR:sync_error@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:D.DEPARTCODE:department@

FROM

  DWH_PFM_PORTFOLIO_V PV,
  ODF_CA_PFM_PORTFOLIO_CUSTOM,
  PFM_PORTFOLIOS P LEFT OUTER JOIN DEPARTMENTS D ON P.DEPARTMENT_ID = D.ID
  LEFT OUTER JOIN
    (
      SELECT
        PI.PORTFOLIO_ID as INV_PORT_ID,
        COUNT(*) AS INVESTMENT_COUNT,
        MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

      FROM
        PFM_INVESTMENTS PI,
        ODF_CA_INV I

      WHERE
        PI.INVESTMENT_ID = I.ID
      AND
        I.ODF_OBJECT_CODE IN ('asset', 'project')
      GROUP BY PI.PORTFOLIO_ID
    ) I
  ON P.ID = I.INV_PORT_ID

WHERE
  PV.PORTFOLIO_KEY = P.ID
AND
  CUSTOM.ID = P.ID
AND
  @FILTER@

```

Tasktop_SearchPortfolios

Query ID: Tasktop_SearchPortfolios

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_COUNT:investment_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_LAST_UPDATED:investment_last_updated@

FROM    PFM_PORTFOLIOS P LEFT OUTER JOIN
        (
        SELECT
            PI.PORTFOLIO_ID as INV_PORT_ID,
            COUNT(*) AS INVESTMENT_COUNT,
            MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV I

        WHERE   PI.INVESTMENT_ID = I.ID
                AND
                I.ODF_OBJECT_CODE IN ('asset', 'project')
                GROUP BY PI.PORTFOLIO_ID
        ) I ON P.ID = I.INV_PORT_ID

WHERE   @FILTER@

```

Tasktop_GetPortfolioUsers

Query ID: Tasktop_GetPortfolioUsers

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.PU_INTERNAL_ID:portfolio_user_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.P_INTERNAL_ID:portfolio_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.RESOURCE_ID:user_resource_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.FULL_NAME:user_full_name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.GROUP_CODE:user_group_code@

FROM    (
        SELECT  AOP.ID AS PU_INTERNAL_ID,
                AOP.OBJECT_INSTANCE_ID AS P_INTERNAL_ID,
                R.ID AS RESOURCE_ID,
                R.FULL_NAME,
                G.GROUP_CODE

        FROM    CMN_SEC_ASSGND_OBJ_PERM AOP,
                SRM_RESOURCES R,
                CMN_SEC_GROUPS G

        WHERE   AOP.PRINCIPAL_TYPE = 'USER'
                AND
                AOP.OBJECT_ID = (SELECT ID
                                FROM CMN_SEC_OBJECTS cso
                                WHERE OBJECT_CODE = 'PFM_PORTFOLIO'
                                AND OBJECT_TYPE_CODE = 'RECORD')

        AND    R.USER_ID = AOP.PRINCIPAL_ID
                AND
                AOP.RIGHT_ID = G.ID
                AND
                G.GROUP_CODE IN ('PfmPortfolioOwnerAuto', 'PfmPortfolioStakeholderAuto')
        ) PU

WHERE   @FILTER@

```

Tasktop_GetPortInvestments

Query ID: Tasktop_GetPortInvestments

Note: This query is required for continued support of Assets and Projects. It is recommended that anyone using the Clarity connector include this query, regardless of whether they require support for Portfolios or not. It is used for the new 'Portfolios' multi container link field on Assets and Projects.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.ID:portfolio_investment_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.PORTFOLIO_ID:portfolio_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:P.NAME:portfolio_name@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ID:investment_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ODF_OBJECT_CODE:investment_type@

FROM    PFM_INVESTMENTS PI,
        ODF_CA_INV I,
        PFM_PORTFOLIOS P

WHERE   PI.INVESTMENT_ID = I.ID
AND     PI.PORTFOLIO_ID = P.ID
AND     I.ODF_OBJECT_CODE IN ('asset', 'project')
AND     @FILTER@
```

Tasktop_L_Currency_Code

Query ID: Tasktop_L_Currency_Code

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:label@

FROM    CMN_CURRENCIES C
WHERE   C.IS_ACTIVE = 1
AND     @FILTER@
```

Tasktop_L_Department

Query ID: Tasktop_L_Department

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:DEPT:D.DEPARTCODE:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:DEPT:D.SHORTDESC:label@

FROM    DEPARTMENTS D
WHERE   @FILTER@
```

Tasktop_GetMultiSelectValues

Query ID: Tasktop_GetMultiSelectValues

Source


```

SELECT  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.OBJECT:objecttypeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.PK_ID:internalobjectid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ATTRIBUTE:attributeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.VALUE:value@

FROM    ODF_MULTI_VALUED_LOOKUPS O
WHERE   @FILTER@

```

Tasktop_GetAssignments

Query ID: Tasktop_GetAssignments

Source

```

SELECT  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRUID:assignmentinternalid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRRESOURCEID:assignmentresourceid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:assignmentresourcefullname@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRTASKID:assignmenttaskid@

FROM    PRASSIGNMENT A
,       SRM_RESOURCES R

WHERE   A.PRRESOURCEID = R.ID
AND     @FILTER@

```

Tasktop_GetResources

Query ID: Tasktop_GetResources

Source

```

SELECT  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.ID:resource_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.USER_ID:user_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.UNIQUE_NAME:unique_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:full_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:U.USER_NAME:user_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.EMAIL:email@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FIRST_NAME:first_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.LAST_NAME:last_name@

FROM    SRM_RESOURCES R LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE   @FILTER@

```

Tasktop_GetTaskEffort

Query ID: Tasktop_GetTaskEffort

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.prassignmentid:assignmentId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:A.prtaskid:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, PRASSIGNMENT A, SRM_RESOURCES R
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND TE.PRASSIGNMENTID = A.PRID
AND TS.prresourceid = R.ID
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, A.prtaskid, TE.prassignmentid,
TP.prstart

```

Tasktop_GetIncident (Optional)

Query ID: Tasktop_GetIncident

Note: This NSQL query script enables support for Incident Sub-object artifacts. It can be omitted if Incident support is not required.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_PRJMgr_ID:assigned_prjmgr_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_TO:assigned_to@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.DESCRPTION:description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ESTIMATED_EFFORT:estimated_effort@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXPECTED_RESOLUTION_DATE:exp_resolution_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXTERNAL_ID:external_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IMPACT_ENUM:impact@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INVESTMENT_ID:investment_internal_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IS_PRIORITY_OVERRIDDEN:priority_override@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.PRIORITY_ENUM:priority@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.REPORTED_BY:reported_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.RESOLUTION_DATE:resolution_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.START_DATE:start_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.STATUS_CODE:status@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.TYPE_CODE:type@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.URGENCY_ENUM:urgency@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.VERIFICATION_DATE:verification_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:U.USER_NAME:reported_by_username@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.ID:category_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:categoryCode@

FROM    IMM_INCIDENTS I LEFT OUTER JOIN CMN_SEC_USERS U ON I.REPORTED_BY = U.id
LEFT OUTER JOIN INV_INVESTMENTS INV on I.INVESTMENT_ID = INV.ID
,       IMM_CATEGORIES C
,       ODF_CA_INCIDENT CUSTOM
WHERE   I.CATEGORY_ID = C.ID
AND     CUSTOM.ID = I.ID
AND     @FILTER@

```

Tasktop_SearchIncidents (Optional)

Query ID: Tasktop_SearchIncidents

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@

FROM    IMM_INCIDENTS I, IMM_CATEGORIES C
WHERE   I.CATEGORY_ID = C.ID
AND     @FILTER@
```

Tasktop_GetIncidentCategories (Optional)

Query ID: Tasktop_GetIncidentCategories

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CAT:C.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.NAME:name@

FROM    IMM_CATEGORIES C
WHERE   @FILTER@
```

Tasktop - Get Incident Investments (Optional)

Query ID: Tasktop_L_investmentId

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT DISTINCT @SELECT:DIM:USER_DEF:IMPLIED:INV:INV.ID:internal_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.NAME:label@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.CODE:id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:CAT.ID:inc_category@
FROM IMM_OBJECT_CATEGORIES OC, INV_INVESTMENTS INV, IMM_CATEGORIES CAT
WHERE @FILTER@
AND OC.OBJECT_ID = INV.ID
AND OC.CATEGORY_ID = CAT.ID
```

Tasktop_GetIncidentEffort (Optional)

Query ID: Tasktop_GetIncidentEffort

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.incident_id:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, SRM_RESOURCES R, INV_INVESTMENTS I
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND I.ID = TE.incident_investment_id
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, TE.incident_id,
TP.prstart

```

Tasktop - Retrieve Custom Incident Sub-Object (Optional)

NSQL for searching and retrieving custom Incident Sub-Objects

The connector supports custom sub-objects that have Incident as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.
- Custom attributes can be retrieved by adding ', @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Additionally, the Tasktop_GetIncident query must be created.

Sub-objects that are not enabled in this way will be invisible to the connector.

NSQL Script Template: Retrieve Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.INCIDENT_CODE:trackingid@

FROM    odf_ca_exampleobjectcode O, IMM_INCIDENTS I
WHERE   O.ODF_PARENT_ID = I.ID
AND     @FILTER@

```

NSQL Script Template: Search Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM    odf_ca_exampleobjectcode O
WHERE   @FILTER@

```

Tasktop - Retrieve Custom Project Sub-Objects

NSQL for searching and retrieving custom Project Sub-Objects

The connector supports custom sub-objects that have Project as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.
- Custom attributes can be retrieved by adding ', @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Sub-objects that are not enabled in this way will be invisible to the connector.

NSQL Script Template: Retrieve Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.CODE:externalid@

FROM    odf_ca_exampleobjectcode O, INV_INVESTMENTS I
WHERE   O.ODF_PARENT_ID = I.ID
AND     @FILTER@

```

Tasktop - Search Sub-Object (Optional)

NSQL Script Template: Search Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM    odf_ca_exampleobjectcode O
WHERE   @FILTER@
```

Tasktop_GetAsset (Optional)

Query ID: Tasktop_GetAsset

Note: This NSQL query script enables support for Asset artifacts. It can be omitted if Asset support is not required.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.ALIGNMENT:alignment@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CHARGE_CODE_ID:charge_code_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CURRENCY_CODE:currency_code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.DESCRPTION:description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.GOAL_CODE:goal@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_ACTIVE:is_active@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_OPEN_FOR_TE:is_open_for_time_entry@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_REQUIRED:is_required@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LABOR_VARIANCESUM:labor_variance_sum@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.MANAGER_ID:manager_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PRIORITY:priority@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PROGRESS:progress@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PURGE_FLAG:purge_flag@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RISK:risk@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RSF_OBS_UNIT:rsf_obs_unit@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_FINISH:finish_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_START:start_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SLA_COMPLIANCE:sla_compliance@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STAGE_CODE:stage@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS:status_code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_COMMENT:status_comment@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_INDICATOR:status_indicator@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SYNC_INV_N_BDG_DATES:set_planned_cost_dates@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TARGET_MANAGER_ID:target_manager_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TRACK_MODE:track_mode@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:A.CATEGORY_CODE:category_code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_BREAKEVEN:budget_breakeven@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_FINISH:budget_cost_finish@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_START:budget_cost_start@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_IRR:budget_irr@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_MIRR:budget_mirr@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_PAYBACK_PERIOD:budget_payback_period@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_FINISH:budget_rev_finish@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_START:budget_rev_start@
```

```

, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_ROI:budget_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_CALC_PV_INFO:is_calc_pv_info@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_FCST_EQ_BDGT:is_forecast_equal_budget@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_RR:is_sys_value_for_rr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_TCC:is_sys_value_for_tcc@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_FINISH:planned_ben_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_START:planned_ben_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BREAKEVEN:planned_breakeven@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_FINISH:planned_cost_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_START:planned_cost_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_IRR:planned_irr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_MIRR:planned_mirr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_PAYBACK_PERIOD:planned_payback_period@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_ROI:planned_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.REINVESTMENT_RATE:reinvestment_rate@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.TOTAL_COST_OF_CAPITAL:total_cost_of_capital@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM
  ODF_CA_INV CA,
  ODF_OBJECT_INSTANCE_MAPPING MAP,
  INV_ASSETS A,
  FIN_FINANCIALS F,
  ODF_CA_ASSET CUSTOM,
  INV_INVESTMENTS I LEFT OUTER JOIN
  (
    SELECT
      PI.INVESTMENT_ID as PORT_INV_ID,
      COUNT(*) AS PORTFOLIO_COUNT,
      MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

    FROM
      PFM_INVESTMENTS PI,
      ODF_CA_INV INV

    WHERE
      PI.INVESTMENT_ID = INV.ID
      AND INV.ODF_OBJECT_CODE = 'asset'

    GROUP BY
      PI.INVESTMENT_ID
  ) PF ON I.ID = PF.PORT_INV_ID

WHERE A.ID = I.ID
AND CUSTOM.ID = I.ID
AND CA.ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_CODE = CA.ODF_OBJECT_CODE
AND MAP.SECONDARY_OBJECT_INSTANCE_CODE = 'financials'
AND MAP.SECONDARY_OBJECT_INSTANCE_ID = F.ID
AND @FILTER@

```

Tasktop_SearchAssets (Optional)

Query ID: Tasktop_SearchAssets

Note: This query is only required if the **Tasktop_GetAsset** NSQL query is also present.

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM

ODF_CA_ASSET CUSTOM,
INV_INVESTMENTS I LEFT OUTER JOIN
(
    SELECT
        PI.INVESTMENT_ID as PORT_INV_ID,
        COUNT(*) AS PORTFOLIO_COUNT,
        MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

    FROM
        PFM_INVESTMENTS PI,
        ODF_CA_INV INV

    WHERE
        PI.INVESTMENT_ID = INV.ID
    AND
        INV.ODF_OBJECT_CODE = 'asset'
    GROUP BY PI.INVESTMENT_ID
) PF ON I.ID = PF.PORT_INV_ID

WHERE
    I.ID = CUSTOM.ID
AND
    @FILTER@

```

Tasktop - Get Partitions (Optional)

Query ID: Tasktop_L_partition_code

Note: This NSQL query script enables support for partitions. It can be omitted if partition support is not required.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:PARTITION:PARTITION.CODE:id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PARTITION:PARTITION.NAME:label@

FROM
    (
        SELECT 'NIKU.ROOT' as code, 'System' as name FROM DUAL
        UNION
        SELECT P.CODE, N.NAME
        FROM
            CMN_PARTITIONS P,
            CMN_CAPTIONS_NLS N
        WHERE
            N.TABLE_NAME = 'CMN_PARTITIONS'
            AND
            P.ID = N.PK_ID
            AND
            P.IS_ACTIVE = 1
            AND
            N.LANGUAGE_CODE = 'en'
    ) PARTITION

WHERE
    @FILTER@

```

Tasktop_GetTimeperiods

NSQL Script: Tasktop_GetTimeperiods

Source

```

SELECT
    @SELECT:DIM:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRID:id@,
    @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRSTART:startDate@,
    @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRFINISH:finishDate@,
    @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRISOPEN:isOpen@

FROM
    PRTIMEPERIOD TP

WHERE
    @FILTER@

```


Planview Tasktop Hub 18.2.0 - 18.2.20, 18.3.0 -
18.3.2, 18.4.0.20180710-b405 - 18.4.0.20180715-b410 /
Tasktop Sync 4.14.0 - 4.14.20, 4.15.0 - 4.15.2

**NSQL Queries for Hub 18.2.0 - 18.2.20, 18.3.0 - 18.3.2,
18.4.0.20180710-b405 - 18.4.0.20180715-b410 / Tasktop Sync
4.14.0 - 4.14.20, 4.15 - 4.15.2**

Tasktop_GetTask

Query ID: Tasktop_GetTask

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREXTTERNALID:prexternalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCATEGORY:prcategory@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRCHARGECODEID:prchargecodeid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.EV_CALC_METHOD:ev_calc_method@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.COST_TYPE:cost_type@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_BY:created_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.CREATED_DATE:created_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRDURATION:prduration@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYFINISH:prearlyfinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREARLYSTART:prearlystart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRFINISH:prfinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRGUIDELINES:prguidelines@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISCRITICAL:prisritical@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISFIXED:prisfixed@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISKEY:priskey@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISLOCKED:prislocked@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISMILESTONE:prismilestone@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.IS_OPEN_TE:is_open_te@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATEFINISH:prlatefinish@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRLATESTART:prlatestart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_BY:updated_by@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRMETHODEXTID:prmethodextid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPCTCOMPLETE:prpctcomplete@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPRIORITY:prpriority@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSHORTNAME:prshortname@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTART:prstart@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRSTATUS:prstatus@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSLEVEL:prwbslevel@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWBSSEQUENCE:prwbssequence@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRTOTALFLOAT:prttotalfloat@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRWDM:prwdm@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRUSERTEXT1:pruserextl@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:I.ASSGN_POOL:projectassignmentpoolmode@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PREXTTERNALID:projectexternalid@
,
  @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:P.PRNAME:projectname@

FROM        PRTASK T
,
  PRPROJECT P
,
  INV_INVESTMENTS I
,
  ODF_CA_TASK CUSTOM
WHERE       T.PRID = CUSTOM.ID
AND        P.PRID = T.PRPROJECTID
AND        P.PRID = I.ID
AND        @FILTER@

```

Tasktop_SearchTasks

Query ID: Tasktop_SearchTasks

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:TASK:T.PRID:internalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PREEXTERNALID:preexternalid@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRISTASK:pristask@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.LAST_UPDATED_DATE:last_updated_date@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRNAME:prname@
,           @Select:DIM_PROP:USER_DEF:IMPLIED:TASK:T.PRPROJECTID:prprojectid@
FROM        PRTASK T
,           INV_INVESTMENTS I
WHERE       T.PRPROJECTID = I.ID
AND        I.ODF_OBJECT_CODE = 'project'
AND        (T.PREEXTERNALID NOT IN
            (SELECT P.PREEXTERNALID
             FROM PRPROJECT P)
            OR T.PREEXTERNALID IS NULL
            OR T.PRISTASK = 1)
AND        @FILTER@

```

Tasktop_GetProject

Query ID: Tasktop_GetProject

Source

```

SELECT      @Select:DIM:USER_DEF:IMPLIED:PROJECT:P.PRID:internalid@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.ASSGN_POOL:assgnpool@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_BY:created_by@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CREATED_DATE:created_date@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.DESCRPTION:description@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PREXTERNALID:prexternalid@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRFINISH:prfinish@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_BY:updated_by@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LAST_UPDATED_DATE:last_updated_date@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRNAME:prname@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_CALC_MODE:percentcalcmode@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.PROGRESS:progress@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRSTART:prstart@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS:status@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.PERCENT_COMPLETE:percentComplete@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_ACTIVE:active@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.MANAGER_ID:managerResourceID@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.IS_OPEN_FOR_TE:openForTimeEntry@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.CHARGECODEID:chargeCodeExtID@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRDEPARTMENT:departementName@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRPRRIORITY:priority@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STAGE_CODE:stage@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_INDICATOR:statusIndicator@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.STATUS_COMMENT:statusComment@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRTRACKMODE:trackMode@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASEFINISH:baselineFinish@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:P.PRBASESTART:baselineStart@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:I.LABOR_ACTSUM:labor_actsum@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:IP.IS_PROGRAM:program@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_COUNT:portfolio_count@
,
      @Select:DIM_PROP:USER_DEF:IMPLIED:PROJECT:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM      PRPROJECT P,
      INV_INVESTMENTS I LEFT OUTER JOIN
      (
      SELECT
      PI.INVESTMENT_ID as PORT_INV_ID,
      COUNT(*) AS PORTFOLIO_COUNT,
      MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

      FROM      PFM_INVESTMENTS PI,
      ODF_CA_INV INV

      WHERE     PI.INVESTMENT_ID = INV.ID
      AND      INV.ODF_OBJECT_CODE = 'project'
      GROUP BY PI.INVESTMENT_ID
      ) AS PF

ON      I.ID = PF.PORT_INV_ID,
      INV_PROJECTS IP,
      ODF_CA_PROJECT CUSTOM

WHERE     P.PRID = CUSTOM.ID
AND      P.PRID = I.ID
AND      P.PRID = IP.PRID
AND      @FILTER@

```

Tasktop_SearchProjects

Query ID: Tasktop_SearchProjects

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PRJ:P.PRID:internalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PREEXTERNALID:preexternalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:I.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:P.PRNAME:prname@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_COUNT:portfolio_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PRJ:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM    PRPROJECT P,
        INV_INVESTMENTS I LEFT OUTER JOIN
        (
        SELECT
            PI.INVESTMENT_ID as PORT_INV_ID,
            COUNT(*) AS PORTFOLIO_COUNT,
            MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV INV
        WHERE   PI.INVESTMENT_ID = INV.ID
        AND     INV.ODF_OBJECT_CODE = 'project'
        GROUP BY PI.INVESTMENT_ID
        ) AS PF
ON      I.ID = PF.PORT_INV_ID

WHERE   P.PRID = I.ID
AND     @FILTER@

```

Tasktop_GetPortfolio

Query ID: Tasktop_GetPortfolio

Source

```

SELECT @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.BENEFITS_TARGET:benefits_target@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPACITY_UNIT_TYPE:capacity_unit_type@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CAPITAL_COST_TARGET:capital_cost_target@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_BY:created_by@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CREATED_DATE:created_date@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CURRENCY_CODE:currency_code@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.COST_HEALTH:cost_health@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.DESCRPTION:description@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:PV.FINISH_DATE:finish@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.GOAL_ALIGNMENT:goal_alignment@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.INNOVATION_LEVEL:innovation_level@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.IS_ACTIVE:is_active@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_BY:updated_by@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.OPERATING_COST_TARGET:operating_cost_target@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.PROBABILITY_SUCCESS:probability_success@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCE_HEALTH:resource_health@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RESOURCES_TARGET:resources_target@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.RISK:risk@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SCHEDULE_HEALTH:schedule_health@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.START_DATE:start@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_DATE:sync_date@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.SYNC_ERROR:sync_error@
,
@Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:D.DEPARTCODE:department@

FROM PFM_PORTFOLIOS P LEFT OUTER JOIN DEPARTMENTS D ON P.DEPARTMENT_ID = D.ID
LEFT OUTER JOIN
(
SELECT
PI.PORTFOLIO_ID as INV_PORT_ID,
COUNT(*) AS INVESTMENT_COUNT,
MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

FROM PFM_INVESTMENTS PI,
ODF_CA_INV I

WHERE PI.INVESTMENT_ID = I.ID
AND I.ODF_OBJECT_CODE IN ('asset', 'project')
GROUP BY PI.PORTFOLIO_ID
) AS I
ON P.ID = I.INV_PORT_ID,
DWH_PFM_PORTFOLIO_V PV,
ODF_CA_PFM_PORTFOLIO CUSTOM

WHERE PV.PORTFOLIO_KEY = P.ID
AND CUSTOM.ID = P.ID
AND @FILTER@

```

Tasktop_SearchPortfolios

Query ID: Tasktop_SearchPortfolios

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO:P.ID:internalid@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.CODE:portfolio_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:P.NAME:name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_COUNT:investment_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO:I.INVESTMENT_LAST_UPDATED:investment_last_updated@

FROM    PFM_PORTFOLIOS P LEFT OUTER JOIN
        (
        SELECT
            PI.PORTFOLIO_ID as INV_PORT_ID,
            COUNT(*) AS INVESTMENT_COUNT,
            MAX(PI.SYNC_DATE) AS INVESTMENT_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV I

        WHERE   PI.INVESTMENT_ID = I.ID
        AND     I.ODF_OBJECT_CODE IN ('asset', 'project')
        GROUP BY PI.PORTFOLIO_ID
        ) AS I
ON      P.ID = I.INV_PORT_ID
WHERE   @FILTER@

```

Tasktop_GetPortfolioUsers

Query ID: Tasktop_GetPortfolioUsers

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.PU_INTERNAL_ID:portfolio_user_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.P_INTERNAL_ID:portfolio_internal_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.RESOURCE_ID:user_resource_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.FULL_NAME:user_full_name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:PORTFOLIO_USER:PU.GROUP_CODE:user_group_code@

FROM    (
        SELECT  AOP.ID AS PU_INTERNAL_ID,
                AOP.OBJECT_INSTANCE_ID AS P_INTERNAL_ID,
                R.ID AS RESOURCE_ID,
                R.FULL_NAME,
                G.GROUP_CODE

        FROM    CMN_SEC_ASSGND_OBJ_PERM AOP,
                SRM_RESOURCES R,
                CMN_SEC_GROUPS G

        WHERE   AOP.PRINCIPAL_TYPE = 'USER'
        AND     AOP.OBJECT_ID = (SELECT ID
                                FROM CMN_SEC_OBJECTS cso
                                WHERE OBJECT_CODE = 'PFM_PORTFOLIO'
                                AND OBJECT_TYPE_CODE = 'RECORD')

        AND     R.USER_ID = AOP.PRINCIPAL_ID
        AND     AOP.RIGHT_ID = G.ID
        AND     G.GROUP_CODE IN ('PfmPortfolioOwnerAuto', 'PfmPortfolioStakeholderAuto')
        ) AS PU
WHERE   @FILTER@

```

Tasktop_GetPortInvestments

Query ID: Tasktop_GetPortInvestments

Note: This query is required for continued support of Assets and Projects. It is recommended that anyone using the Clarity connector include this query, regardless of whether they require support for Portfolios or not. It is used for the new 'Portfolios' multi container link field on Assets and Projects.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.ID:portfolio_investment_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:PI.PORTFOLIO_ID:portfolio_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:P.NAME:portfolio_name@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ID:investment_internal_id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PFM_INVESTMENT:I.ODF_OBJECT_CODE:investment_type@

FROM    PFM_INVESTMENTS PI,
        ODF_CA_INV I,
        PFM_PORTFOLIOS P

WHERE   PI.INVESTMENT_ID = I.ID
AND     PI.PORTFOLIO_ID = P.ID
AND     I.ODF_OBJECT_CODE IN ('asset', 'project')
AND     @FILTER@
```

Tasktop_L_Currency_Code

Query ID: Tasktop_L_Currency_Code

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CHG:CURRENCY_CODE:label@

FROM    CMN_CURRENCIES C
WHERE   C.IS_ACTIVE = 1
AND     @FILTER@
```

Tasktop_L_Department

Query ID: Tasktop_L_Department

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:DEPT:D.DEPARTCODE:id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:DEPT:D.SHORTDESC:label@

FROM    DEPARTMENTS D
WHERE   @FILTER@
```

Tasktop_GetMultiSelectValues

Query ID: Tasktop_GetMultiSelectValues

Source


```

SELECT  @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.OBJECT:objecttypeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.PK_ID:internalobjectid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ATTRIBUTE:attributeid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.VALUE:value@

FROM    ODF_MULTI_VALUED_LOOKUPS O
WHERE   @FILTER@

```

Tasktop_GetAssignments

Query ID: Tasktop_GetAssignments

Source

```

SELECT  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRUID:assignmentinternalid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRRESOURCEID:assignmentresourceid@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:assignmentresourcefullname@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:A.PRTASKID:assignmenttaskid@

FROM    PRASSIGNMENT A
,       SRM_RESOURCES R

WHERE   A.PRRESOURCEID = R.ID
AND     @FILTER@

```

Tasktop_GetResources

Query ID: Tasktop_GetResources

Source

```

SELECT  @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.ID:resource_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.USER_ID:user_id@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.UNIQUE_NAME:unique_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FULL_NAME:full_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:U.USER_NAME:user_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.EMAIL:email@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.FIRST_NAME:first_name@
,       @Select:DIM_PROP:USER_DEF:IMPLIED:ASSIGNMENT:R.LAST_NAME:last_name@

FROM    SRM_RESOURCES R LEFT OUTER JOIN CMN_SEC_USERS U ON R.USER_ID = U.ID
WHERE   @FILTER@

```

Tasktop_GetTaskEffort

Query ID: Tasktop_GetTaskEffort

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.prassignmentid:assignmentId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:A.prtaskid:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, PRASSIGNMENT A, SRM_RESOURCES R
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND TE.PRASSIGNMENTID = A.PRID
AND TS.prresourceid = R.ID
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, A.prtaskid, TE.prassignmentid,
TP.prstart

```

Tasktop_GetIncident (Optional)

Query ID: Tasktop_GetIncident

Note: This NSQL query script enables support for Incident Sub-object artifacts. It can be omitted if Incident support is not required.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_PRJMgr_ID:assigned_prjmgr_id@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ASSIGNED_TO:assigned_to@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_BY:created_by@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.CREATED_DATE:created_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.DESCRPTION:description@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.ESTIMATED_EFFORT:estimated_effort@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXPECTED_RESOLUTION_DATE:exp_resolution_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.EXTERNAL_ID:external_id@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IMPACT_ENUM:impact@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INVESTMENT_ID:investment_internal_id@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.IS_PRIORITY_OVERRIDDEN:priority_override@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_BY:updated_by@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.PRIORITY_ENUM:priority@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.REPORTED_BY:reported_by@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.RESOLUTION_DATE:resolution_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.START_DATE:start_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.STATUS_CODE:status@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.TYPE_CODE:type@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.URGENCY_ENUM:urgency@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.VERIFICATION_DATE:verification_date@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:U.USER_NAME:reported_by_username@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.ID:category_id@
,        @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:categoryCode@

FROM     IMM_INCIDENTS I LEFT OUTER JOIN CMN_SEC_USERS U ON I.REPORTED_BY = U.id
LEFT OUTER JOIN INV_INVESTMENTS INV on I.INVESTMENT_ID = INV.ID
,        IMM_CATEGORIES C
,        ODF_CA_INCIDENT CUSTOM
WHERE    I.CATEGORY_ID = C.ID
AND      CUSTOM.ID = I.ID
AND      @FILTER@

```

Tasktop_SearchIncidents (Optional)

Query ID: Tasktop_SearchIncidents

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:INCIDENT:I.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.INCIDENT_CODE:tracking_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:I.SUBJECT:short_description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:INCIDENT:C.CODE:inc_category@

FROM    IMM_INCIDENTS I, IMM_CATEGORIES C
WHERE   I.CATEGORY_ID = C.ID
AND     @FILTER@
```

Tasktop_GetIncidentCategories (Optional)

Query ID: Tasktop_GetIncidentCategories

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:CAT:C.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:CAT:C.NAME:name@

FROM    IMM_CATEGORIES C
WHERE   @FILTER@
```

Tasktop - Get Incident Investments (Optional)

Query ID: Tasktop_L_investmentId

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```
SELECT DISTINCT @SELECT:DIM:USER_DEF:IMPLIED:INV:INV.ID:internal_id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.NAME:label@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:INV.CODE:id@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:INV:CAT.ID:inc_category@
FROM IMM_OBJECT_CATEGORIES OC, INV_INVESTMENTS INV, IMM_CATEGORIES CAT
WHERE @FILTER@
AND OC.OBJECT_ID = INV.ID
AND OC.CATEGORY_ID = CAT.ID
```

Tasktop_GetIncidentEffort (Optional)

Query ID: Tasktop_GetIncidentEffort

Note: This query is only required if the **Tasktop_GetIncident** NSQL query is also present.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:RESOURCE:TS.prresourceid:resourceId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TP.prstart:prStart@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:TE.incident_id:artifactInternalId@,
@SELECT:DIM_PROP:USER_DEF:IMPLIED:RESOURCE:R.unique_name:userUniqueName@

FROM PRTIMEENTRY TE, PRTIMESHEET TS, PRTIMEPERIOD TP, SRM_RESOURCES R, INV_INVESTMENTS I
WHERE TE.practsum != 0
AND TE.prtimesheetid = TS.prid
AND TS.pertimeperiodid = TP.prid
AND TS.prstatus != 5
AND I.ID = TE.incident_investment_id
AND @FILTER@
GROUP BY TS.prresourceid, R.unique_name, TE.incident_id,
TP.prstart

```

Tasktop - Retrieve Custom Incident Sub-Object (Optional)

NSQL for searching and retrieving custom Incident Sub-Objects

The connector supports custom sub-objects that have Incident as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.
- Custom attributes can be retrieved by adding ', @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Additionally, the Tasktop_GetIncident query must be created.

Sub-objects that are not enabled in this way will be invisible to the connector.

NSQL Script Template: Retrieve Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.INCIDENT_CODE:trackingid@

FROM    odf_ca_exampleobjectcode O, IMM_INCIDENTS I
WHERE   O.ODF_PARENT_ID = I.ID
AND     @FILTER@

NSQL Script Template: Search Sub-Object (optional)
Replace 'exampleobjectcode' with the object's Object Code.
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM    odf_ca_exampleobjectcode O
WHERE   @FILTER@

```

Tasktop - Retrieve Custom Project Sub-Objects

NSQL for searching and retrieving custom Project Sub-Objects

The connector supports custom sub-objects that have Project as a master object. To enable the support for a sub-object type whose Object ID is 'exampleobjectcode' create two NSQL queries based on the templates below.

- The 'Retrieve' query must have a Query ID like 'Tasktop_R_exampleobjectcode'.
- The 'Search' query must have a Query ID like 'Tasktop_S_exampleobjectcode'.
- Custom attributes can be retrieved by adding ', SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.[customFieldId]:[customFieldId]' for each attribute to the Retrieve query.

Sub-objects that are not enabled in this way will be invisible to the connector.

NSQL Script Template: Retrieve Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_BY:updated_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.ODF_PARENT_ID:odf_parent_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:I.CODE:externalid@

FROM    odf_ca_exampleobjectcode O, INV_INVESTMENTS I
WHERE   O.ODF_PARENT_ID = I.ID
AND     @FILTER@

```

Tasktop - Search Sub-Object (Optional)

NSQL Script Template: Search Sub-Object (optional)

Replace 'exampleobjectcode' with the object's Object Code.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:OBJ:O.ID:internalid@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.CODE:code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:OBJ:O.NAME:name@

FROM    odf_ca_exampleobjectcode O
WHERE   @FILTER@
```

Tasktop_GetAsset (Optional)

Query ID: Tasktop_GetAsset

Note: This NSQL query script enables support for Asset artifacts. It can be omitted if Asset support is not required.

Source

```
SELECT  @SELECT:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.ALIGNMENT:alignment@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CHARGE_CODE_ID:charge_code_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_BY:created_by@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CREATED_DATE:created_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CURRENCY_CODE:currency_code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.DESCRPTION:description@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.GOAL_CODE:goal@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_ACTIVE:is_active@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_OPEN_FOR_TE:is_open_for_time_entry@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.IS_REQUIRED:is_required@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LABOR_VARIANCESUM:labor_variance_sum@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.MANAGER_ID:manager_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PRIORITY:priority@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PROGRESS:progress@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.PURGE_FLAG:purge_flag@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RISK:risk@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.RSF_OBS_UNIT:rsf_obs_unit@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_FINISH:finish_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SCHEDULE_START:start_date@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SLA_COMPLIANCE:sla_compliance@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STAGE_CODE:stage@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS:status_code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_COMMENT:status_comment@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.STATUS_INDICATOR:status_indicator@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.SYNC_INV_N_BDG_DATES:set_planned_cost_dates@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TARGET_MANAGER_ID:target_manager_id@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.TRACK_MODE:track_mode@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:A.CATEGORY_CODE:category_code@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_BREAKEVEN:budget_breakeven@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_FINISH:budget_cost_finish@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_CST_START:budget_cost_start@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_IRR:budget_irr@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_MIRR:budget_mirr@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_PAYBACK_PERIOD:budget_payback_period@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_FINISH:budget_rev_finish@
,       @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_REV_START:budget_rev_start@
```

```

, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.BUDGET_ROI:budget_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_CALC_PV_INFO:is_calc_pv_info@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_FCST_EQ_BDGT:is_forecast_equal_budget@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_RR:is_sys_value_for_rr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.IS_SYS_VAL_FOR_TCC:is_sys_value_for_tcc@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_FINISH:planned_ben_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BEN_START:planned_ben_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_BREAKEVEN:planned_breakeven@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_FINISH:planned_cost_finish@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_CST_START:planned_cost_start@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_IRR:planned_irr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_MIRR:planned_mirr@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_PAYBACK_PERIOD:planned_payback_period@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.PLANNED_ROI:planned_roi@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.REINVESTMENT_RATE:reinvestment_rate@
, @SELECT:DIM_PROP:USER_DEF:IMPLIED:ASSET:F.TOTAL_COST_OF_CAPITAL:total_cost_of_capital@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
, @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM ODF_CA_INV CA,
ODF_OBJECT_INSTANCE_MAPPING MAP,
INV_INVESTMENTS I LEFT OUTER JOIN
(
SELECT
PI.INVESTMENT_ID as PORT_INV_ID,
COUNT(*) AS PORTFOLIO_COUNT,
MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

FROM PFM_INVESTMENTS PI,
ODF_CA_INV INV
WHERE PI.INVESTMENT_ID = INV.ID
AND INV.ODF_OBJECT_CODE = 'asset'
GROUP BY PI.INVESTMENT_ID
) AS PF
ON I.ID = PF.PORT_INV_ID,
INV_ASSETS A,
FIN_FINANCIALS F,
ODF_CA_ASSET CUSTOM

WHERE A.ID = I.ID
AND CUSTOM.ID = I.ID
AND CA.ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_ID = I.ID
AND MAP.PRIMARY_OBJECT_INSTANCE_CODE = CA.ODF_OBJECT_CODE
AND MAP.SECONDARY_OBJECT_INSTANCE_CODE = 'financials'
AND MAP.SECONDARY_OBJECT_INSTANCE_ID = F.ID
AND @FILTER@

```

Tasktop_SearchAssets (Optional)

Query ID: Tasktop_SearchAssets

Note: This query is only required if the **Tasktop_GetAsset** NSQL query is also present.

Source

```

SELECT  @Select:DIM:USER_DEF:IMPLIED:ASSET:I.ID:internalId@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.CODE:asset_id@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.LAST_UPDATED_DATE:last_updated_date@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:I.NAME:name@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_COUNT:portfolio_count@
,
        @Select:DIM_PROP:USER_DEF:IMPLIED:ASSET:PF.PORTFOLIO_LAST_UPDATED:portfolio_last_updated@

FROM    INV_INVESTMENTS I LEFT OUTER JOIN
        (
        SELECT
            PI.INVESTMENT_ID as PORT_INV_ID,
            COUNT(*) AS PORTFOLIO_COUNT,
            MAX(PI.SYNC_DATE) AS PORTFOLIO_LAST_UPDATED

        FROM    PFM_INVESTMENTS PI,
                ODF_CA_INV INV
        WHERE   PI.INVESTMENT_ID = INV.ID
        AND     INV.ODF_OBJECT_CODE = 'asset'
        GROUP BY PI.INVESTMENT_ID
        ) AS PF
ON      I.ID = PF.PORT_INV_ID,
        ODF_CA_ASSET CUSTOM

WHERE   I.ID = CUSTOM.ID
AND     @FILTER@

```

Tasktop - Get Partitions (Optional)

Query ID: Tasktop_L_partition_code

Note: This NSQL query script enables support for partitions. It can be omitted if partition support is not required.

Source

```

SELECT @SELECT:DIM:USER_DEF:IMPLIED:PARTITION:PARTITION.CODE:id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:PARTITION:PARTITION.NAME:label@
FROM    (
        SELECT 'NIKU.ROOT' as code, 'System' as name FROM DUAL
        UNION
        SELECT P.CODE, N.NAME
        FROM
            CMN_PARTITIONS P,
            CMN_CAPTIONS_NLS N
        WHERE  N.TABLE_NAME = 'CMN_PARTITIONS'
        AND   P.ID = N.PK_ID
        AND   P.IS_ACTIVE = 1
        AND   N.LANGUAGE_CODE = 'en'
        ) PARTITION
WHERE   @FILTER@

```

Tasktop_GetTimeperiods

NSQL Script: Tasktop_GetTimeperiods

Source

```

SELECT  @SELECT:DIM:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRID:id@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRSTART:startDate@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRFINISH:finishDate@,
        @SELECT:DIM_PROP:USER_DEF:IMPLIED:TIMEPERIOD:TP.PRISOPEN:isOpen@
FROM    PRTIMEPERIOD TP
WHERE   @FILTER@

```


