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Data Model and NSQL | Intermediate

Your Guides:
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Agenda

- Investment Tables
- MUX Tables
- Finding Tables and Columns

Why Learn the Clarity Data Model

- Most data available in Clarity can be easily queried
- Queries are key to customizing Clarity:
 - Dynamic Lookups
 - NSQL Queries/Portlets
 - Custom processes and gel scripting
 - Building Integrations
 - Reporting (Jaspersoft or external systems)

Investment Tables



Core Investment Tables

- INV_INVESTMENTS
- PRJ_PROJECTS
- PAC_MNT_PROJECTS
- FIN_FINANCIALS
- ODF tables
- PRTEAM
- PRTASK
- PRASSIGNMENT

Investment Cost Plan Tables

- Plan Table: FIN_PLANS
 - PLAN_TYPE_CODE
- Cost Plan Details
 - FIN_COST_PLAN_DETAILS
 - ODF_SSL_CST_DTL_UNITS
 - ODF_SSL_CST_DTL_COST
- Benefit Plan Details
 - FIN_BENEFIT_PLAN_DETAILS
 - ODF_SSL_BFT_DTL_BFT

Investment Status Report Table

- Status Report Table: ODF_CA_COP_PRJ_STATUSRPT
- Status Report View: COP_PRJ_STATUSRPT_LATEST_V
- Latest Status Report

- COP_PRJ_STATUSRPT_LATEST_V .REPORT_ORDER = 1
- SQL

```
SELECT INVI.CODE PROJECT_CODE
, SR.ID STATUS_REPORT_ID
, SR.CODE STATUS_REPORT_CODE
FROM INV_INVESTMENTS INVI
JOIN (SELECT SR.ID, SR.CODE, SR.ODF_PARENT_ID
, ROW_NUMBER() OVER (PARTITION BY SR.ODF_PARENT_ID ORDER BY SR.COP_REPORT_DATE DESC,
SR.ID DESC) RNUM
FROM ODF_CA_COP_PRJ_STATUSRPT SR
WHERE SR.COP_REPORT_STATUS = 'FINAL') SR ON INVI.ID = SR.ODF_PARENT_ID AND SR.RNUM = 1
WHERE 1=1
```

Investment Risk, Issue, Change Request Tables

- Risk Issue Change Table: RIM_RISK_AND_ISSUES
- Risk Mitigation Table: RIM_RISK_MITIGATIONS
- Change Request Table: RIM_CHANGE_REQUESTS
- Custom Risk Issue Change tables
 - ODF_CA_RISK
 - ODF_CA_CHANGE
 - ODF_CA_ISSUE

Investment Baseline Tables

- PRJ_BASELINES
- PRJ_BASELINE_DETAILS
 - OBJECT_ID
 - OBJECT_TYPE
 - PROJECT
 - TEAM
 - TASK
 - ASSIGNMENT

Timesheet Tables

- PRTIMEPERIOD
- PRTIMESHEET
- PRTIMEENTRY

WIP Tables

- PPA_WIP
- PPA_WIP_VALUES

Modern UX Tables

Roadmap Tables

- RDM_ROADMAPS
- ODF_CA_RDM_ROADMAP
- RDM_ROADMAP_ITEMS
- ODF_CA_RDM_ROADMAP_ITEM

Hierarchy Tables

- ODF_HIERARCHIES
- ODF_CA_ODF_HIERARCHY
- ODF_HIERARCHY_NODES
- ODF_CA_ODF_HIERARCHY_NODE

Checklist & To Do Tables

- NMC_CHECKLISTS
- OBA_TODOS
- ODF_CA_OBA_TODO
- OBA_ASSOCIATIONS

MUX Admin Tables

- Views and Personalizations:
 - ODF_UI_VIEWS
 - CMN_UI_PERSONALIZATIONS
- Blueprints:
 - ODF_BLUEPRINTS
 - ODF_ABSTRACT_BLUEPRINTS

Finding Tables and Columns

Finding Tables and Columns

- Clarity Studio
- MUX Attributes
- Data Dictionary Tables
 - USER_OBJECTS / SYS.OBJECTS
 - USER_TABLES / INFORMATION_SCHEMA.TABLES
 - USER_TAB_COLUMN / INFORMATION_SCHEMA.COLUMNS
- Rego's Data Dictionary Extractor
- SQL Trace

Questions?





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