



regoUniversity 2021
VIRTUAL

Data Model | Intermediate

Your Guides:

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Introductions

- Take 5 Minutes
- Turn to a Person Near You
- Introduce Yourself
- Business Cards



Releases and Updates

- INV_INVESTMENTS now stores custom investment types, can be filtered by ODF_OBJECT_CODE
- Blueprints are stored in ODF_BLUEPRINTS and ODF_ABSTRACT_BLUEPRINTS
- Roadmaps stored in:
 - RDM_ROADMAPS
 - RDM_ROADMAP_ITEMS

Agenda

- Investment Tables
 - Allocations, Actuals, ETCs
 - Cost Plans
 - Risk, Issue, Change Requests
 - Baselines
 - Status Reports
 - Datawarehouse
- Admin Activities and System Settings
 - Financial Processing
 - Time Slice Settings
 - Datawarehouse
 - Job Schedules

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Part I: Investment Tables



Let Rego be your guide.

Investment Base Tables

- Investments and Projects:

- INV_INVESTMENTS
- PRTASK
- PRTEAM
- PRASSIGNMENT

- Timesheets

- PRTIMESHEET
- PRTIMEENTRY

- Financials

- PPA_WIP
- PPA_WIP_VALUES

Investment Base Tables

- Exercise: Project Task Assignments Actuals and ETCs By Month – Multi-dimensional



Cost Plans

- Cost Plans
 - FIN_PLANS
 - FIN_COST_PLAN_DETAILS
- Cost Plan Details By Period are stored in Timeslices
- Exercise: Forecast and Budget By Project

Risk, Issue, Change Requests

- Risk Issue Change table
 - RIM_RISK_AND_ISSUES
 - RIM_CHANGE_REQUESTS
- Custom Risk Issue Change tables
 - ODF_CA_RISK
 - ODF_CA_CHANGE
 - ODF_CA_ISSUE

Baselines

- Project Baselines
 - PRJ_BASELINES
 - ODF_CA_BASELINE
- Baseline Details stored in PRJ_BASELINE_DETAILS for:
 - Project Details
 - Team Details
 - Task Details
 - Assignment Details

Status Reports

- Status Reports
 - ODF_CA_COP_PRJ_STATUSRPT
- Most Recent Status Report
 - OOTB Functions
 - Using the status and date fields

Part III: OOTB Database Objects



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How To Find Database Objects

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

Part I: Admin Activities/System Settings



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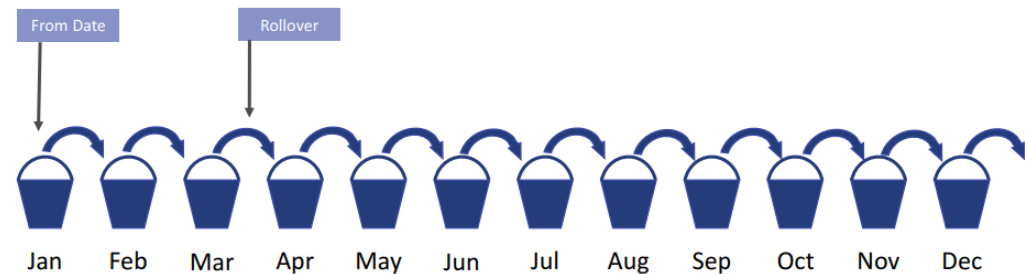
Administration

- Timeslice Settings:
 - Slice Period
 - From and Number of Periods
 - Rollover Internal and Expiration

Timeslices and Rollover

- Timeslices rollover and only refresh data inside the defined range

TIME SLICE ID	193
* TIME SLICE NAME	DAILY_INCIDENT_ACTUALS
* ROLLOVER INTERVAL	Monthly
* FROM DATE	7/23/2021
* SLICE PERIOD	Daily
* NUMBER OF PERIODS	365
* → ITEM	Incident Actuals
EXPIRATION DATE	8/23/2021



NUMBER OF PERIODS: number of buckets (12)
Slice Period: Monthly

Administration

- Job Schedules and Important Jobs

Job	Purpose
Time Slicing	This job processes all configured time slices and updates discrete transactional data for the actual task assignment values, Estimate To Complete (ETC) and baselines, time sheet actuals, team and assignment data from a scenario, resource allocations to projects and resource availability.
Load Data Warehouse Job	<p>The Load Data Warehouse Job extracts data from the database, transforms the data to a denormalized format, and loads the data into the data warehouse. The frequency of this job determines the freshness of the data. This job populates dimensions, facts, and lookups in the data warehouse for stock objects and attributes and any custom objects and attributes that have been explicitly enabled for inclusion in the Data Warehouse. This job also updates the Advanced Reporting domains, if you have set up Advanced Reporting with Jaspersoft.</p> <p>This also works with: Load Data Warehouse Access Rights Create Data Warehouse Trend Job</p>
Rate Matrix Extraction Job	This job extracts rate matrix information and refreshes the rate matrix extraction tables. Run this job each time the rate matrix and the financial properties of a project change. The Rate Matrix Extraction job is required before retrieving rates on projects. You can prepare and update the rate matrix data. While the job is running, you can use the rate matrix data.
Update Report Tables Job	The Update Report Tables job is required for reports that display any of the following: monthly or weekly calendar periods; FTE amounts; and OBS level or phase grouping options. It is only required for Advanced Reporting reports that display resource skill relationships. The job populates reporting tables based on the parameters that you select when running the job. If these tables are not populated, reports dependent upon them display a 'No Data Found' message. Schedule the job to run nightly to keep the reporting tables up to date.

Administration

- Job Schedules and Important Jobs

Job	Purpose
Datamart Extraction Job	<p>This job extracts data from the transaction database tables and stores it in the legacy datamart reporting tables. These tables were the foundation for most stock reports and were used for any legacy custom reports.</p> <p>NBI_R_FACTS NBI_RUN_LOGS NBI_ROLLUP_SQL NBI_RESOURCE_TIME_SUMMARY NBI_RESOURCE_CURRENT_FACTS NBI_PRT_FACTS NBI_PRTF_FM NBI_PROJ_RES_RATES_AND_COSTSCP NBI_PROJECT_FORECAST NBI_PROJECT_CURRENT_FACTS NBI_PM_PROJECT_TIME_SUMMARY NBI_FM_PROJECT_TIME_SUMMARY NBI_EVENTS NBI_DIM_OBS_FLAT NBI_DIM_OBS NBI_DIM_CALENDAR_TIME NBI_DIM_FISCAL_TIME</p>

Financial Processing

- Timesheets
 - Post Timesheets Job
- Transaction Import (Invalid Transactions)
 - Post Transactions to Financials Job
- Trans Control
 - Post to WIP Job
- WIP

Questions?



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- Access your account at pmi.org
- Click on **Certifications**
- Click on **Maintain My Certification**
- Click on **Visit CCR's** button under the **Report PDU's**
- Click on **Report PDU's**
- Click on **Course or Training**
- Class Name = **regoUniversity**
- Course Number = **Session Number**
- Date Started = **Today's Date**
- Date Completed = **Today's Date**
- Hours Completed = **1 PDU per hour of class time**
- Training classes = **Technical**
- Click on **I agree** and **Submit**



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