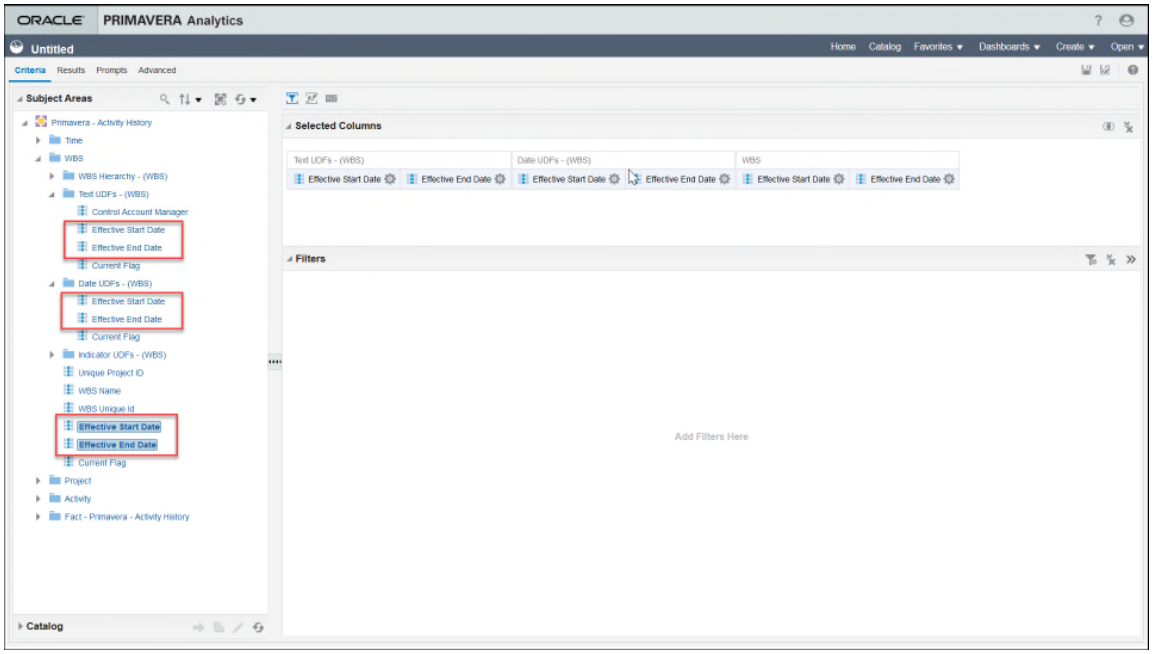
What's New

New Feature in Primavera Analytics 20

Feature Introduced in 20.12

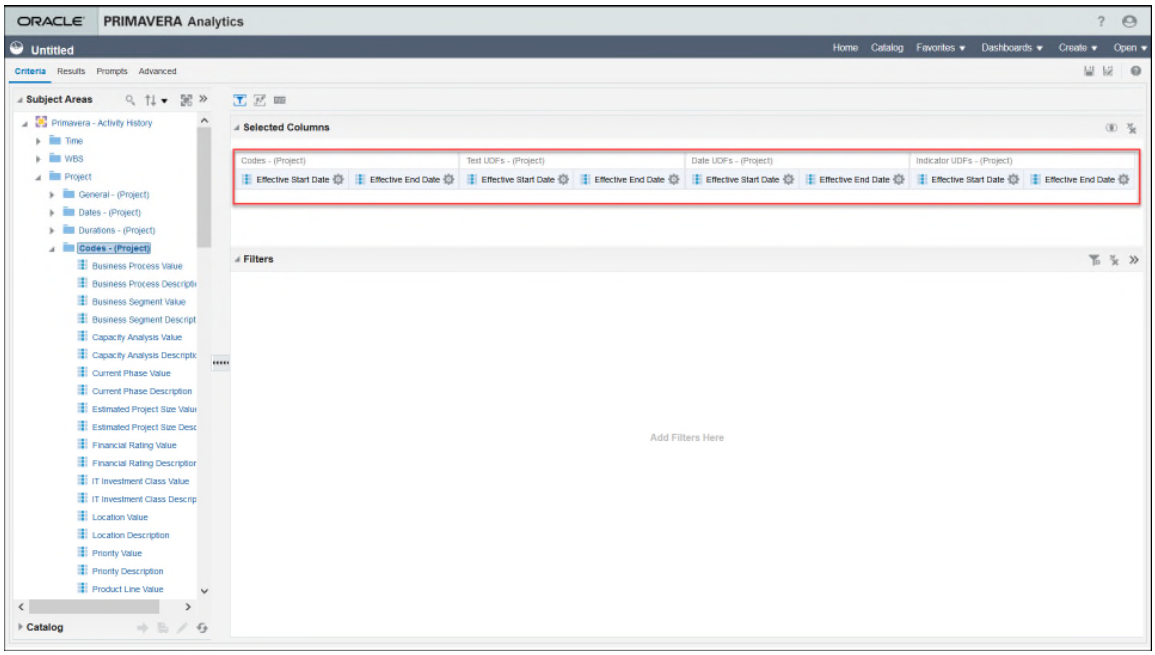
Effective Start Date and Effective End Date added to Subject Areas: In the repository definition file (RPD), Effective Start Date and Effective End Date have been exposed in the following subject areas:

- Primavera - Activity History Subject Area
  In the **WBS** folder, the dates have been added to the following sub-folders:
  - Text UDFs
  - Date UDFs
  - Indicator UDFs



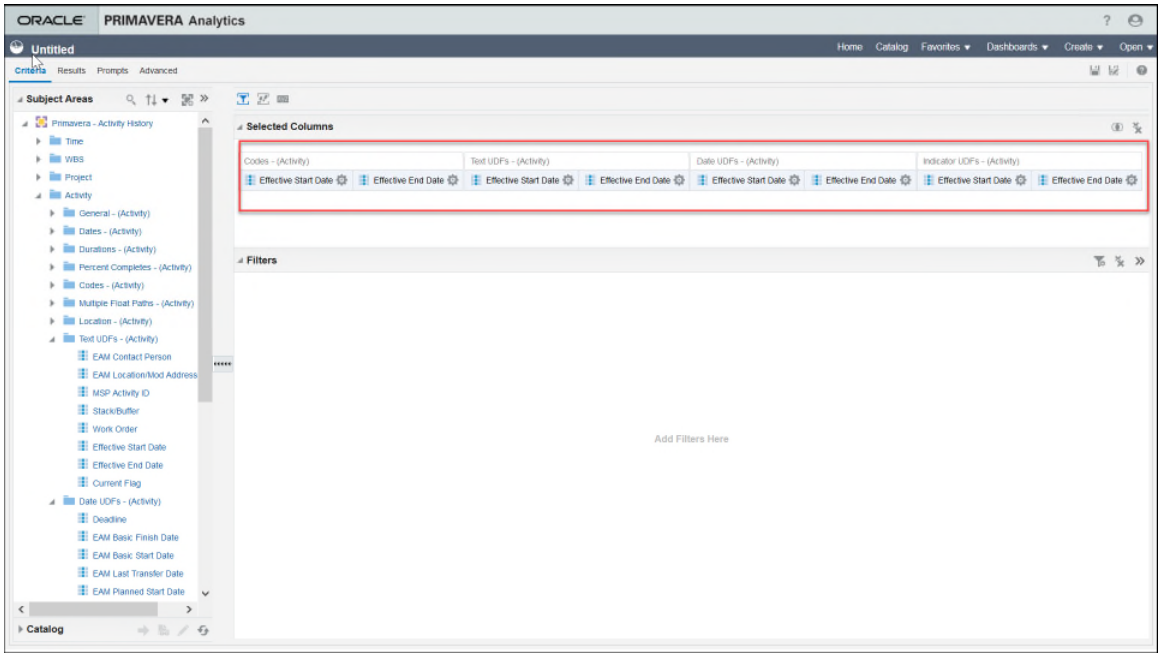
In the **Project** folder, the dates have been added to the following sub-folders:

- Codes
- Text UDFs
- Date UDFs
- Indicator UDFs

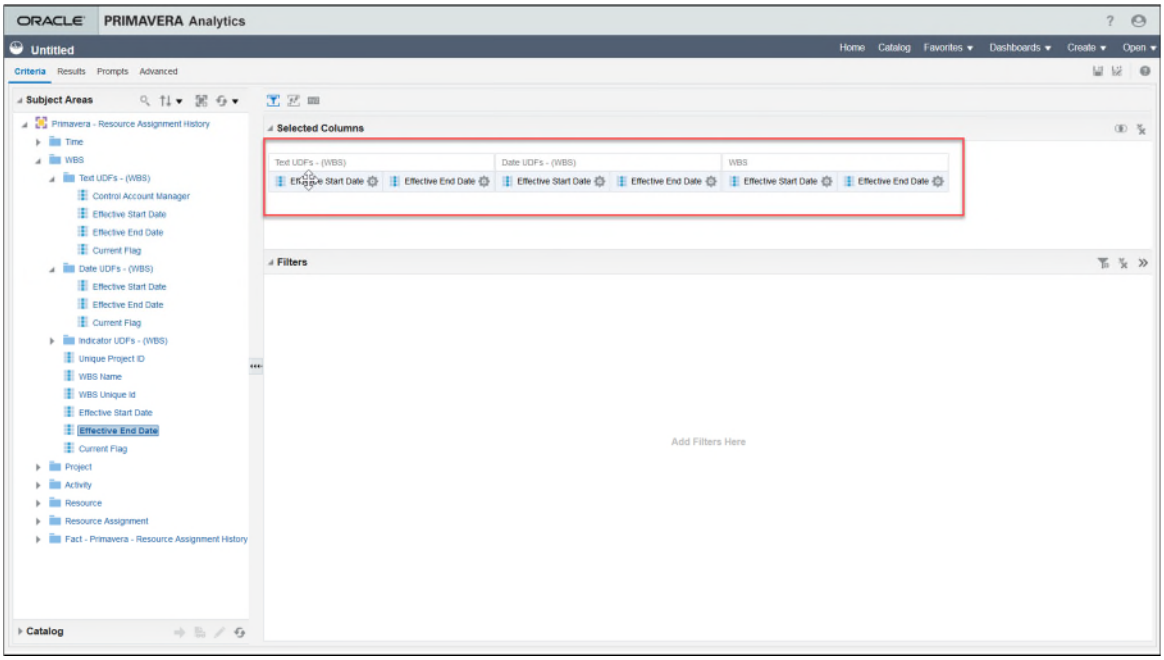


In the **Activity** folder, the dates have been added to the following sub-folders:

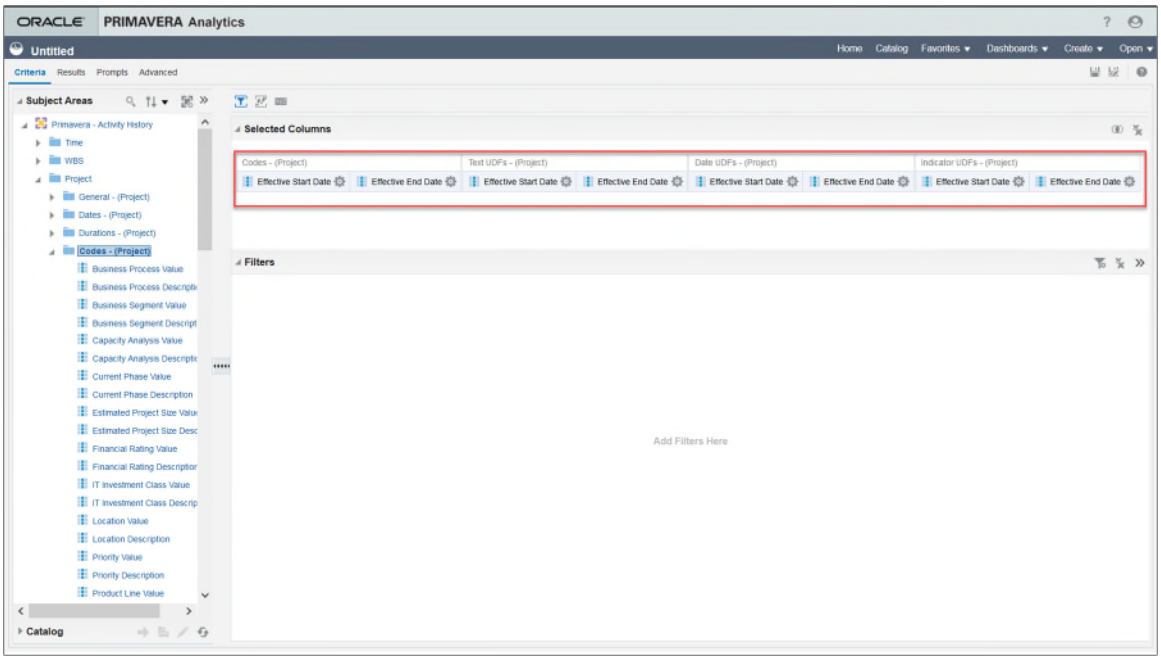
- Codes
- Text UDFs
- Date UDFs
- Indicator UDFs



- Primavera - Resource Assignment History Subject Area
  In the **WBS** folder, the dates have been added to the following sub-folders:
  - Text UDFs - (WBS)
  - Date UDFs - (WBS)
  - Indicator UDFs - (WBS)

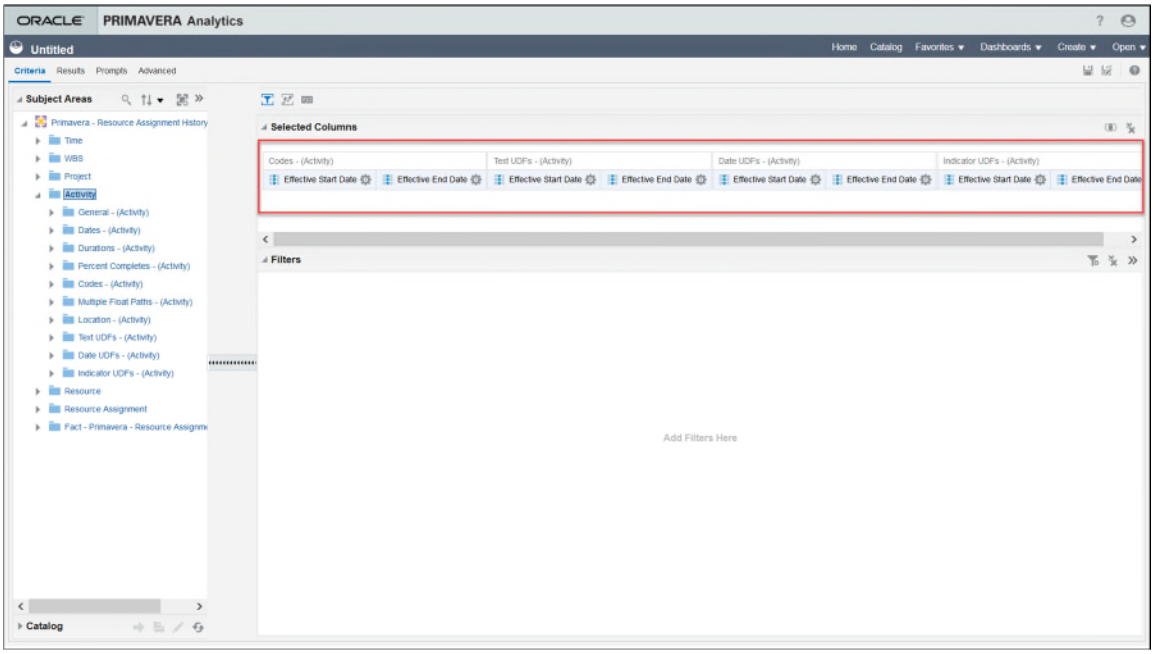


In the **Project** folder, the dates have been added to the following sub-folders:
- Codes - (Project)
- Text UDFs - (Project)
- Date UDFs - (Project)
- Indicator UDFs - (Project)



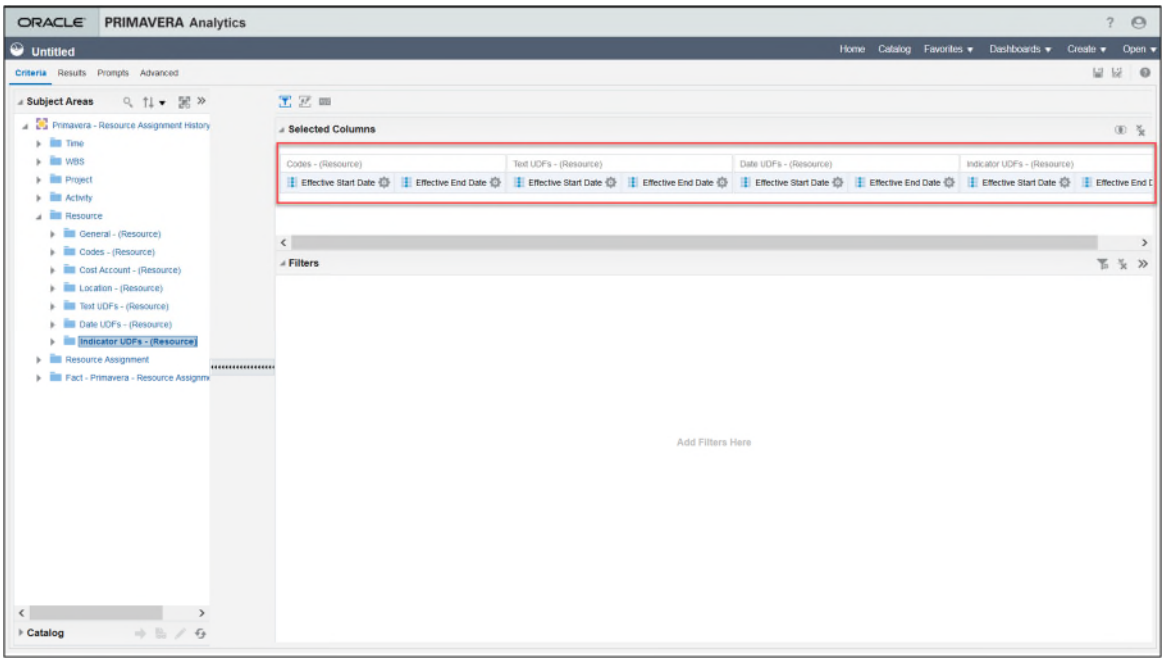
In the **Activity** folder, the dates have been added to the following sub-folders:

- Codes
- Text UDFs
- Date UDFs
- Indicator UDFs



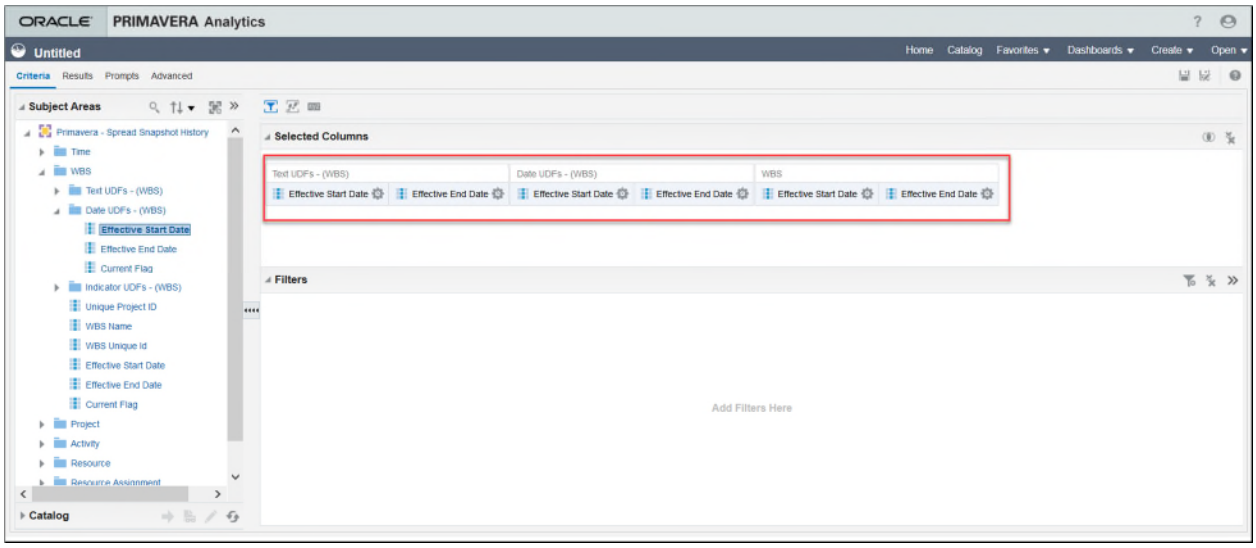
In the **Resource** folder, the dates have been added to the following sub-folders:

- Codes
- Text UDFs
- Date UDFs
- Indicator UDFs

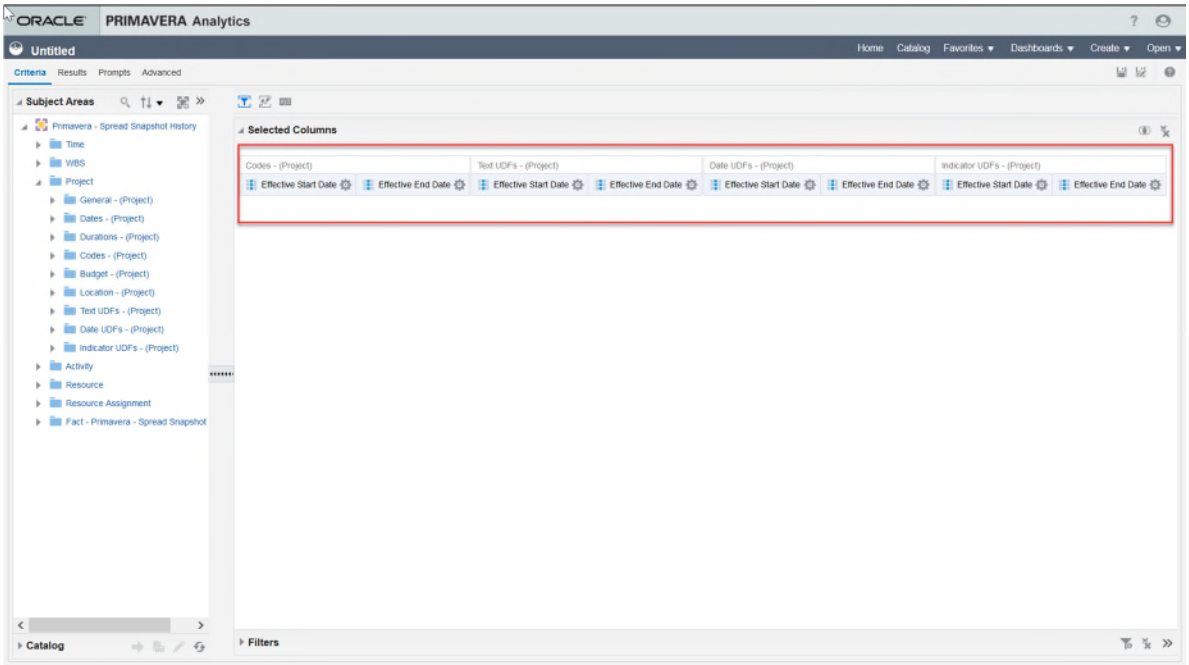


- Primavera - Spread Snapshot History Subject Area

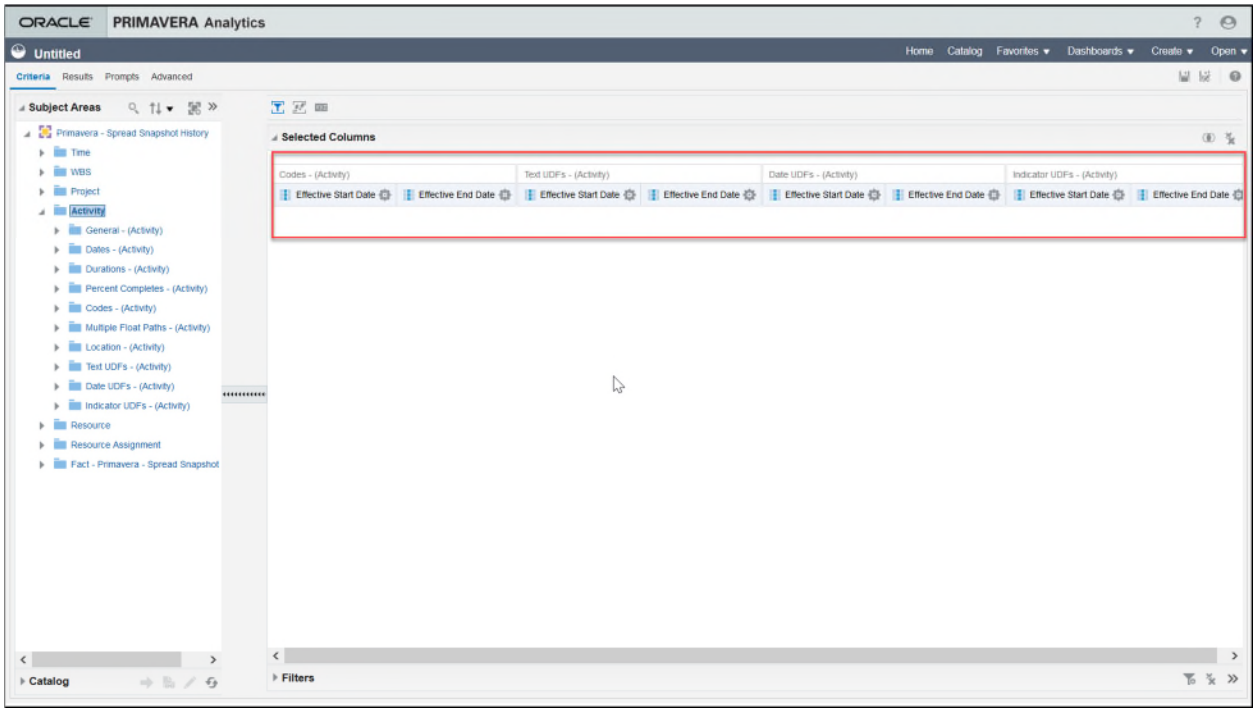
  In the **WBS** folder, the dates have been added to the following sub-folders:
  - Text UDFs
  - Date UDFs
  - Indicator UDFs



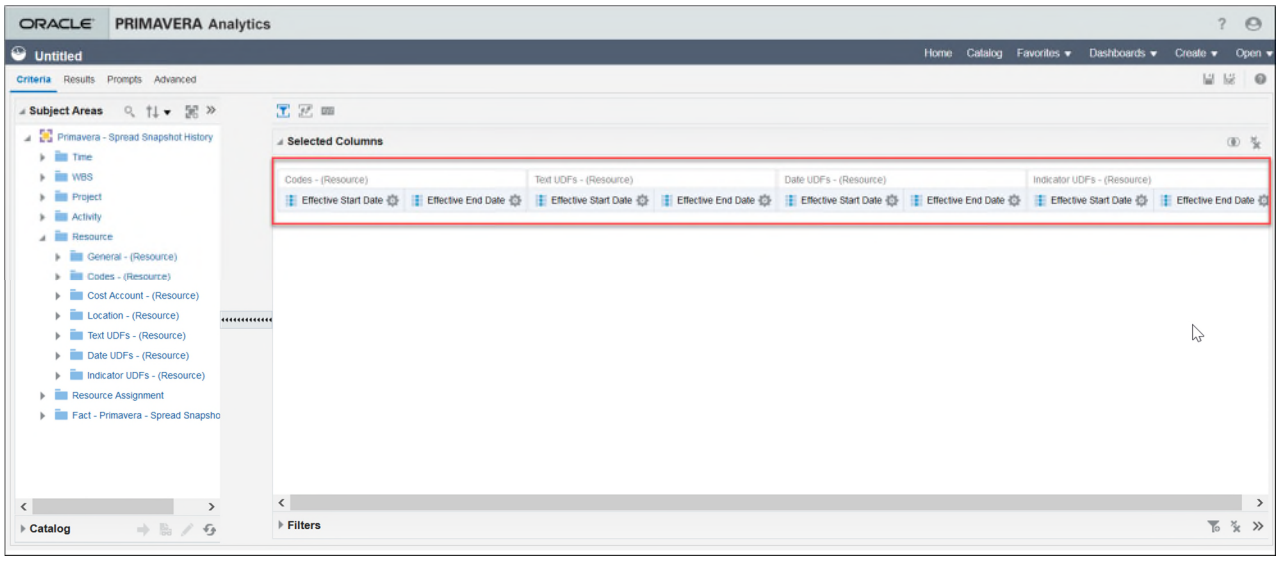
In the **Project** folder, the dates have been added to the following sub-folders:
- Codes
- Text UDFs
- Date UDFs
- Indicator UDFs



- In the **Activity** folder, the dates have been added to the following sub-folders:
    - Codes
    - Text UDFs
    - Date UDFs
    - Indicator UDFs



- In the **Resource** folder, the dates have been added to the following sub-folders:Codes - (Resource)
    - Text UDFs
    - Date UDFs
    - Indicator UDFs



Feature Introduced in 20.9

Configuration Settings for ODI Load Plan Intervals for P6 EPPM Data Sources: The **ODI Realtime Loadplans Poll Interval (in milliseconds)** configuration setting has been replaced with the following configuration settings for P6 EPPM data sources. The minimum poll interval is 5 minutes, and the maximum is 1440 minutes for all settings listed below.

- **ODI Realtime Global Loadplan Poll Interval (in minutes)**

  Enter the frequency at which changes to global data is to be checked in P6 EPPM and captured in the data warehouse. By default the poll interval for ODI Realtime Global load plan is set to *10* minutes.

- **ODI Realtime On Demand Loadplan Poll Interval (in minutes)**

  The ODI Realtime On Demand Loadplan Poll Interval setting checks for changes to projects whose **Enable Publication** flag is selected in P6 EPPM . This process runs when new projects are added and published to the data warehouse by triggering the ODI On Demand load plan to run for the selected projects and include it in the data warehouse.

  Enter the frequency in minutes to check for changes to the **Enable Publication** flag for projects P6 EPPM and send it to the data warehouse. By default the poll interval for running the On Demand ODI load plan is set to *60* minutes.

  At each check, any new projects with **Enable Publication** flag will be added to the data warehouse, and any projects whose **Enable Publication** flag is disabled will be deleted in the data warehouse.

- **ODI Realtime Project Loadplan Poll Interval (in minutes)**

  The ODI Realtime Project Loadplan Poll Interval setting checks for changes in current projects in P6 EPPM. This configuration property checks those projects whose **Data Warehouse Update Frequency (ODI Only)** field is set as *Immediate* in the **Project Preferences** dialog box in P6 EPPM. Enter the frequency in minutes to send changes directly to the data warehouse. By default the poll interval value is set to *1440 minutes* (24 hours).

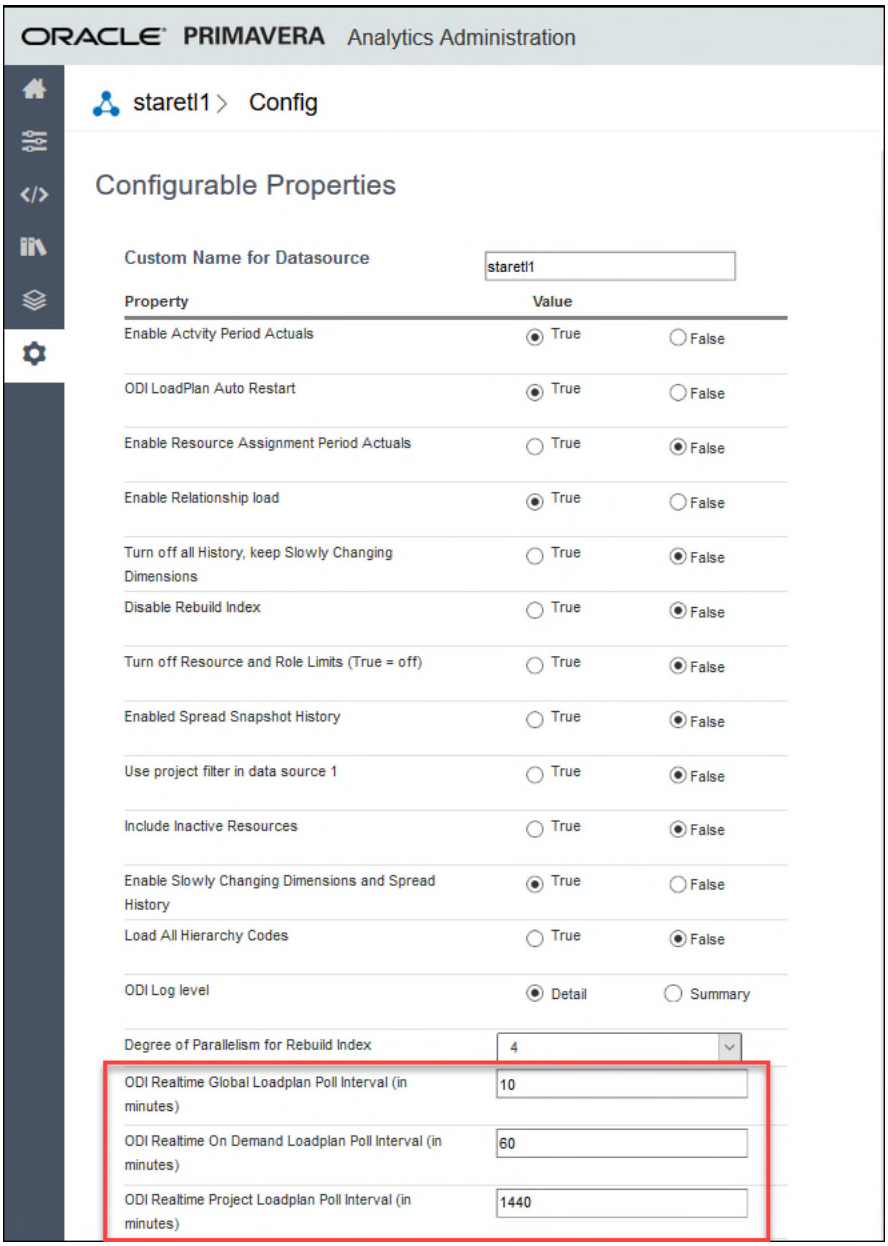


Figure 1: ODI Load Plan Poll Interval Configuration Properties for P6 EPPM Data Source

Features Introduced in 20.8

Configuration Setting for Index Rebuilding Process: The following configuration setting has been added for P6 EPPM, and Unifier data sources.

In the **Degree of Parallelism for Rebuild Index** setting, select the number of threads running in parallel for the rebuilding index process.

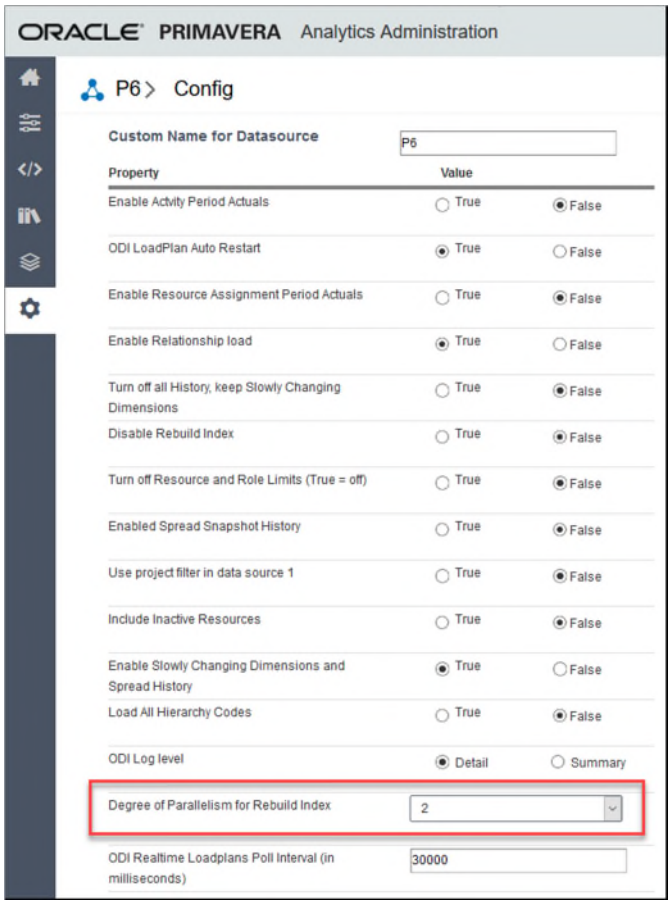


Figure 2: Configuration Properties for P6 EPPM Data Source

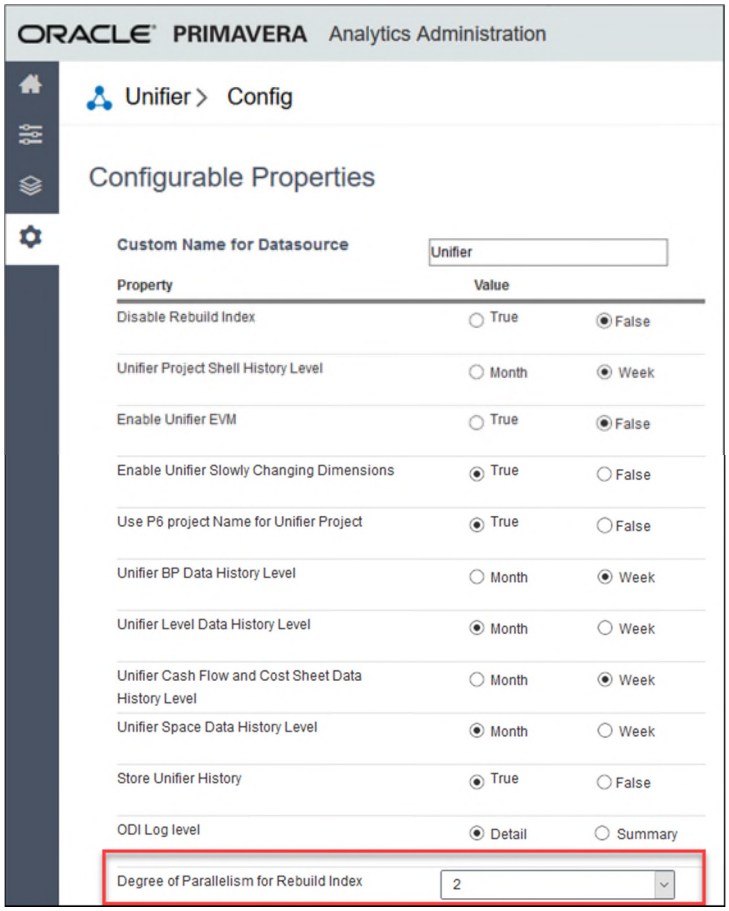


Figure 3: Configuration Properties for Unifier Data Source

Updates to Configuring Slowly Changing Dimensions Setting for Unifier Data Sources: The **Enable Unifier Slowly Changing Dimensions** configuration setting which was originally introduced in release 20.4 has been updated to also capture projects / shell history over time. Set this configuration setting to *True* to load data to All Unifier History tables including Business Process and Project History tables.

Also set the **Unifier Project Shell History Level** setting to *Month* or *Week* to generate reports.

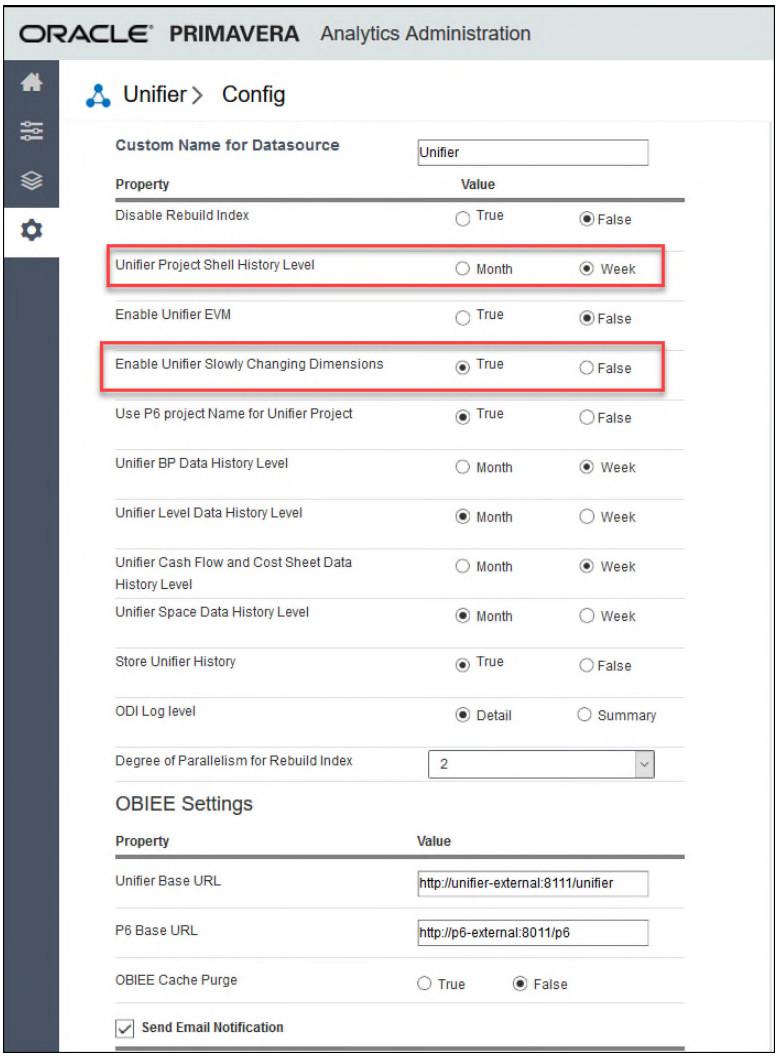
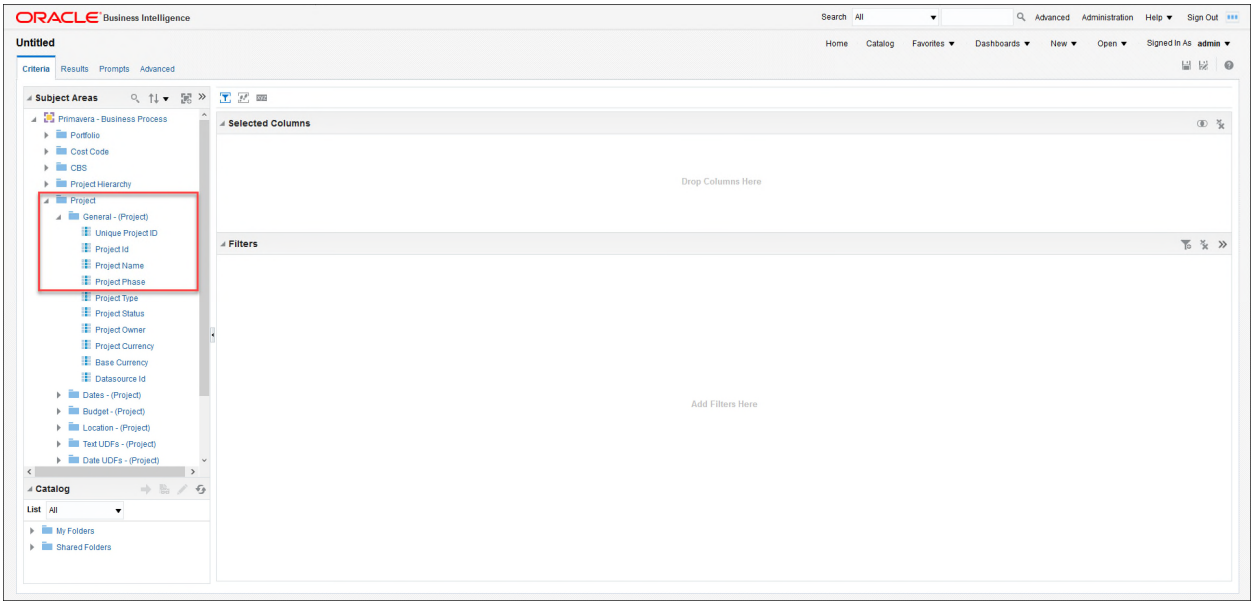


Figure 4: Configuration Properties for Unifier Data Source

The source database table, SYS_STG_PROJECT, is used by Project / Shell SCDs, and the W_PROJECT_HD table is affected in Primavera Data Warehouse.

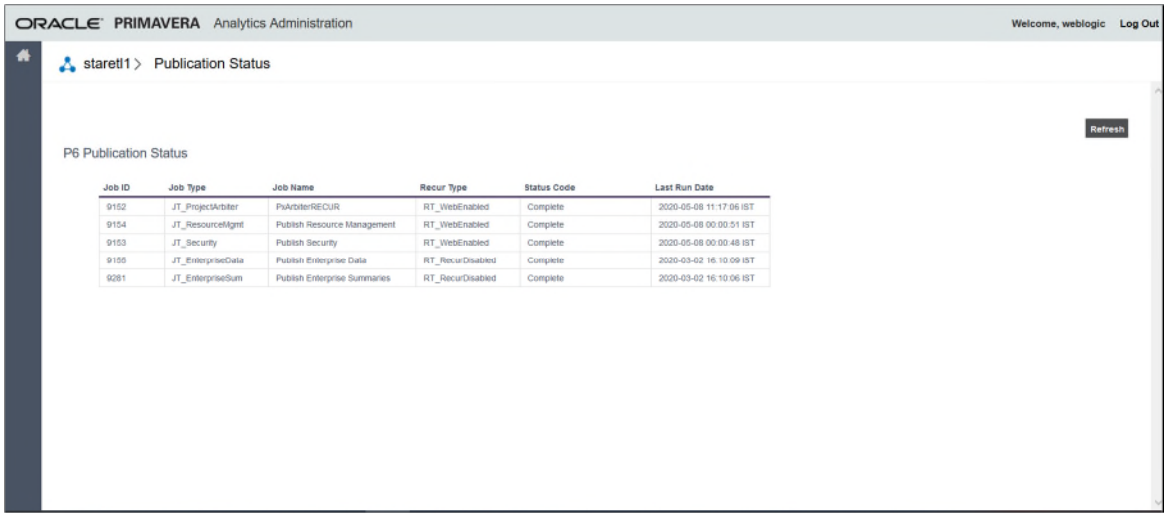
Accordingly, the **Primavera – Business Process History** subject area has been modified to support project / shell history as well.



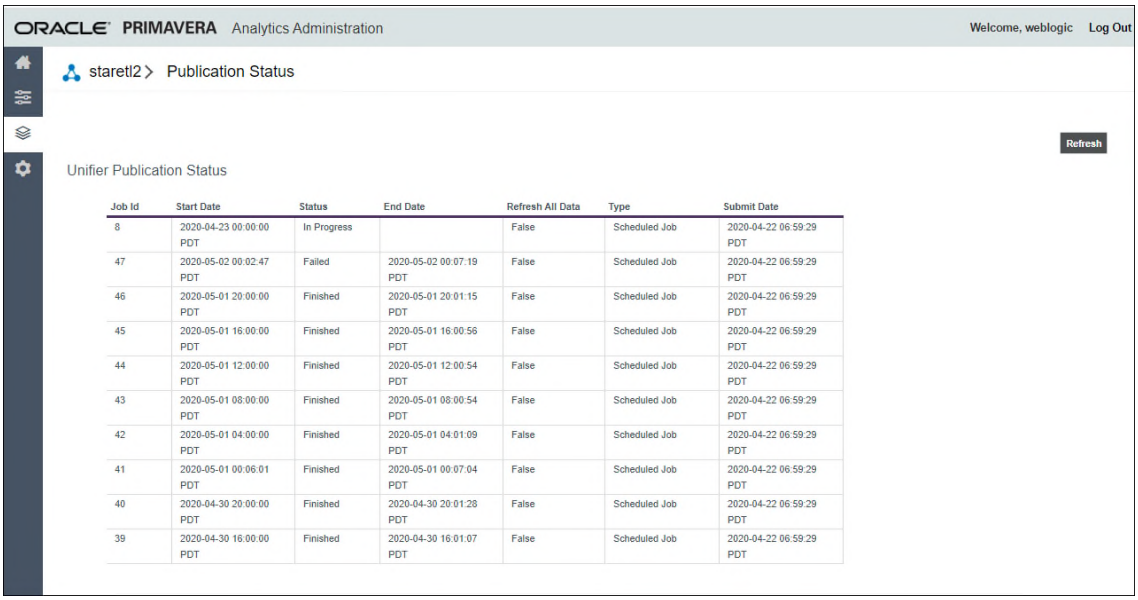
Features Introduced in 20.6

Check the Status of Publishing Service Jobs from the Analytics Web Administration Application: Use the Analytics Administration application to check the status of executed publication service jobs of P6 and Unifier. For more details, see the *Analytics Cloud Service Administration Guide*.

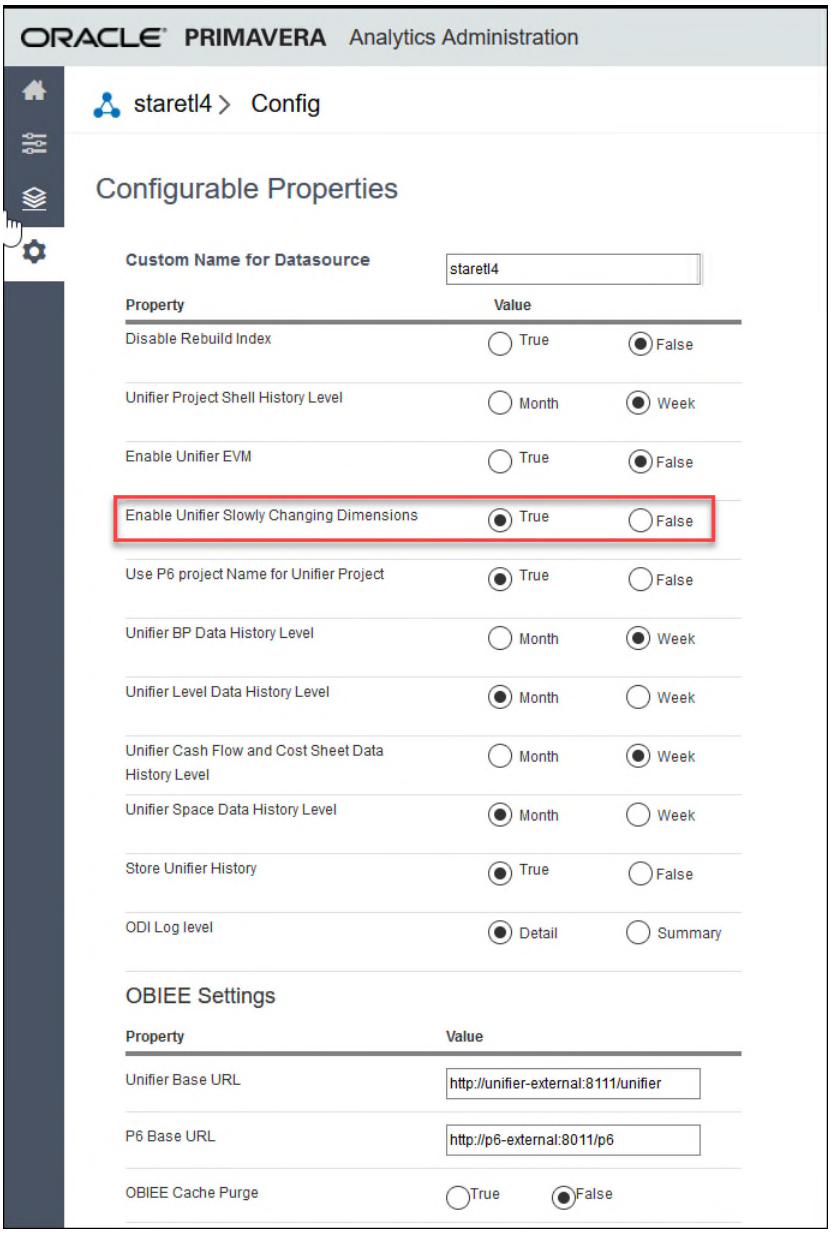
The following screen is displayed for P6 Publication Services:



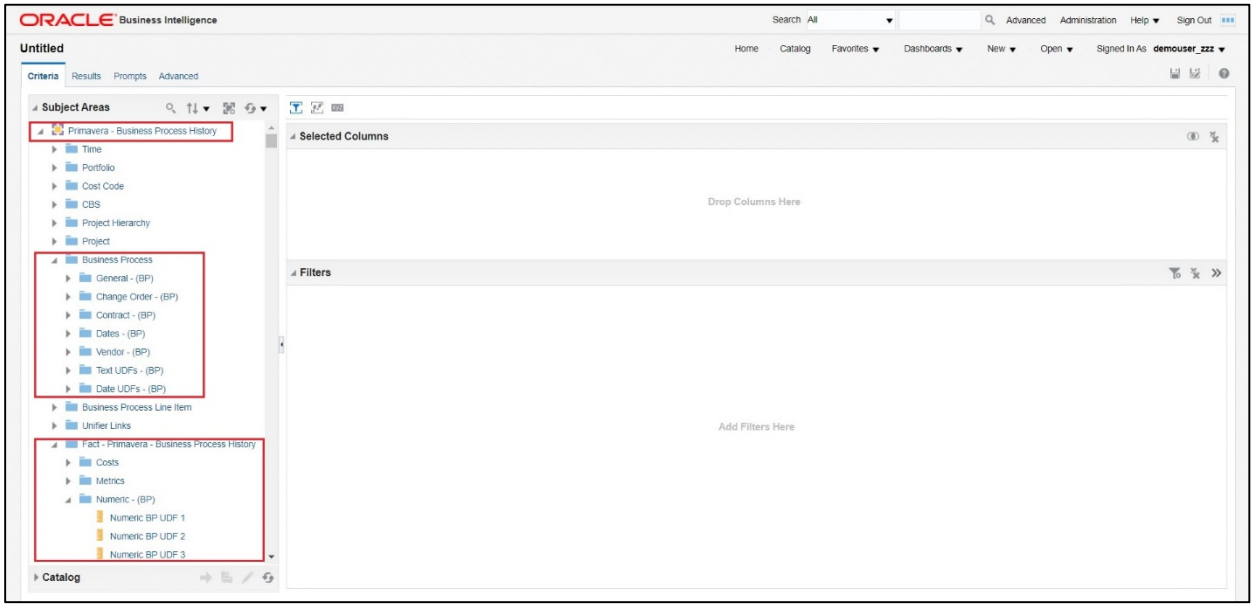
The following screen is displayed for Unifier Publication Services:



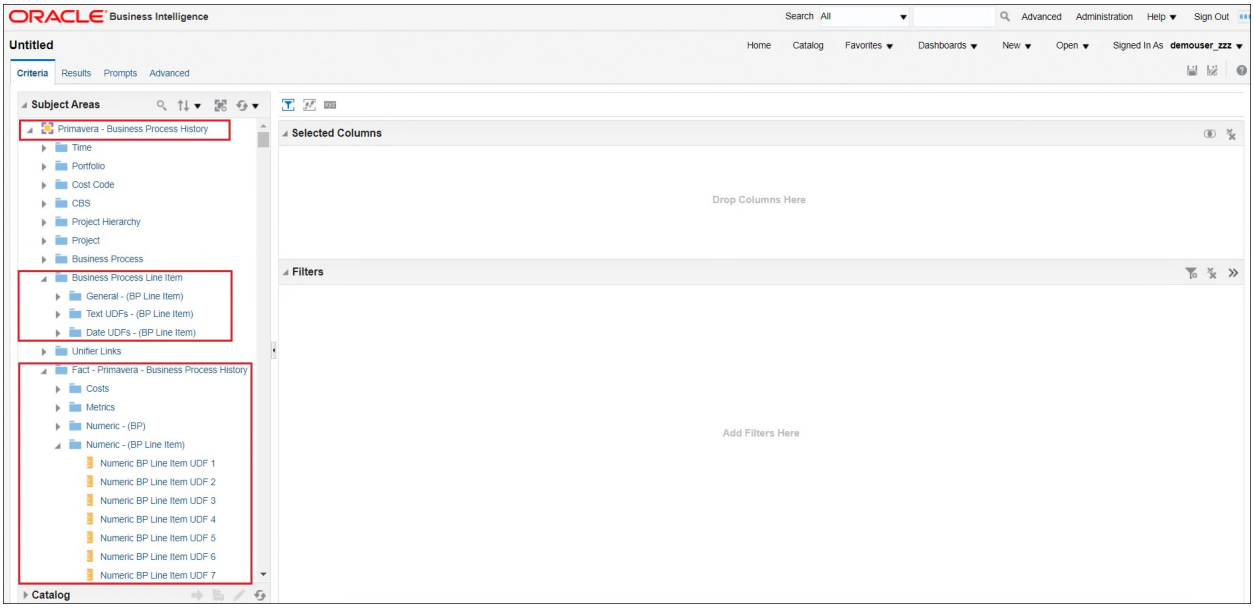
Updates to Configuring Slowly Changing Dimensions Setting for Unifier Data Sources: The **Enable Unifier Slowly Changing Dimensions** setting which was originally introduced in release 20.4 has been updated to also capture history of UDFs (Dynamic Business Process Dimension data) over time. Additionally, you can now enable or disable BP history settings and slowly changing dimensions for BP's directly in Primavera Unifier to control history at the BP level.


ORACLE PRIMAVERA Analytics Administration
staretl4 > Config
Configurable Properties
Custom Name for Datasource
staretl4
Property
Value
Disable Rebuild Index
True
False
Unifier Project Shell History Level
Month
Week
Enable Unifier EVM
True
False
Enable Unifier Slowly Changing Dimensions
True
False
Use P6 project Name for Unifier Project
True
False
Unifier BP Data History Level
Month
Week
Unifier Level Data History Level
Month
Week
Unifier Cash Flow and Cost Sheet Data History Level
Month
Week
Unifier Space Data History Level
Month
Week
Store Unifier History
True
False
ODI Log level
Detail
Summary
OBIEE Settings
Property
Value
Unifier Base URL
http://unifier-external:8111/unifier
P6 Base URL
http://p6-external:8011/p6
OBIEE Cache Purge
True
False

Accordingly, the **Primavera – Business Process History** subject area has been modified to support BP dimensions and BP facts to generate a report with combined data:



It also supports BP Line Item dimensions and BP Line Item facts to generate a report with combined data as shown below:



Feature Introduced in 20.4

Configuring Slowly Changing Dimensions for Unifier Analytics: As a cloud administrator In the Web Admin Application, you can configure a Unifier data source to use the **Enable Slowly Changing Dimensions and Spread History** setting to capture business process history over time. A business process history can then be generated weekly or monthly. When you select **Refresh All**, data in the Staging tables of Unifier is refreshed. The refreshed data (changed) is picked up and added to the History tables, and these are made available to the users along with existing history data. Use this setting for BP and BP Line Items to generate reports based on historical data.

Select any of the following values:

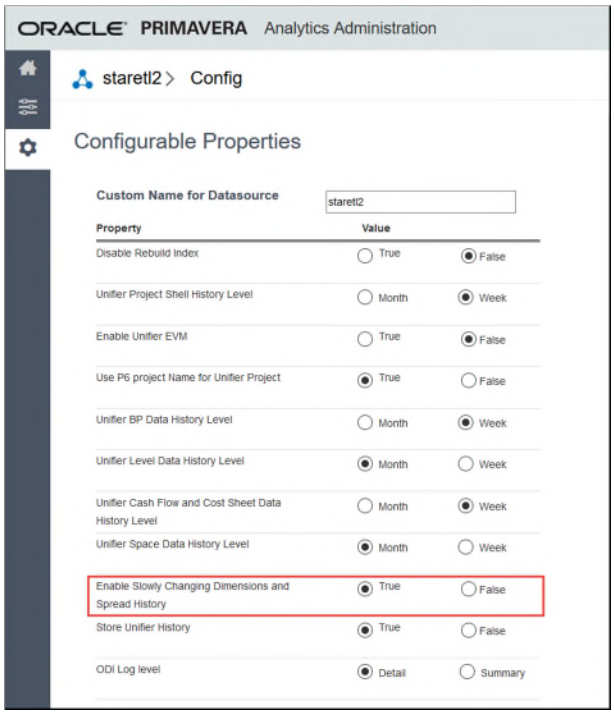
- *True*: Captures history for all business processes. This includes non-dynamic Business process related dimensional data, and dimensional data for Business process metadata.
  Note: History of UDF fields is not captured by this setting.
- *False*: Disables business process history

The following source database tables are used by SCDs:

- SYS_STG_BP
- SYS_STG_BP_LINE

The following tables are affected in Primavera Data Warehouse:

- W_BP_HD
- W_BP_HIST_F
- W_BP_LINE_HD
- W_BP_LINE_HIST_F



Feature Introduced in 20.2

Process for Deleting Slowly Changing Dimensions Data for Cloud Users: To delete SCD data for an effective date or a specific date range, contact Oracle Support with a service request.

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Oracle Primavera Analytics What's New

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