Department Adapter for CA PPM

At a Glance

Department Adapter for CA PPM helps with importing Financial Department structures from ERP systems such as SAP, WorkDay or PeopleSoft into CA PPM, and with keeping the list of Departments updated in CA PPM.

The Department Adapter is CA SaaS compliant and leverages an integration framework that supports integration via flat files; or via web services. This ensures that the integration is not restricted to any single ERP solution.

The integration framework provides the ability to easily configure attribute mappings, business and validation rules through custom objects and has a comprehensive error handling capability.

Key Outcomes: Why Department Adapter?

- Most commonly used for importing cost centers as Departments in to CA PPM.
- Ensures that the list of Departments in CA PPM is current, and enables the association of the appropriate Departments to Projects and Resources.
- Especially useful in organizations where many Financial Departments exist and may frequently change.
- Reduces scope for errors by eliminating the manual effort required for creating and updating Departments.
- Automation with validation for data quality and correctness prior to loading of the Financial Department structure in to CA PPM.
- Provides complete administrative control for determining the frequency of update to the Department data in CA PPM via CA PPM's native job scheduler.
- Robust error handling and reporting via multiple portlets.

What Does the Department Adapter Automate?

Creation and maintenance of the financial Department Structure in CA PPM.

Figure 1: List of Financial Departments in CA PPM

Figure 2: Creating Departments

How It Works

- The Department Adapter accepts Department metadata from the external ERP system in the form of delimited flat file (.csv, .txt), validates date, forms the required web service request and loads the data in to CA PPM.
- Where possible, the Department Adapter may also make direct web service calls to retrieve data (instead of using flat files). *The recommendation for an adapter of this nature is the use of file based batch integration due to the likely volume of data and accessibility restrictions to the source system.*
- The following portlets are configured to monitor and diagnose errors during operation of the Department Adapter:
  — **Department Adapter** portlet provides the summary information for all Department Adapter jobs, with the ability to filter for a specific execution of the Department Adapter job.
  — **Department Adapter Archive** portlet provides the summary information of validation errors, warnings and errors from XOG for a specific execution the Department Adapter job.
  — **Department Adapter Errors** portlet provides detailed information on the validation errors, warnings and run time errors for a specific execution of the Department Adapter job. This portlet helps identify the source of the error, to take corrective actions.
  — **Department Adapter XOG** portlet provides detailed information on the XOG input and output generated in a specific execution of the Department Adapter job. This portlet helps identify XOG errors and take corrective actions.

Note: The Department Adapter can be configured to send email alerts to administrators indicating successful completion of the Department Adapter job or failures in the execution of the Department Adapter job.

> **TIP:**
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> - The special characters – Slash (/), Colon (:), Double quote ("), Less Than (<), Greater than (>) are not allowed in Department name.

Compatibilities

On Premise

CA PPM Version: CA PPM 14.3 or higher.

Database:

- Oracle 11.2 Standard and Enterprise Edition: version 11.2.0.4.x or higher patch level
- Oracle 12c Standard and Enterprise Edition: version 12.1.0.2.x or higher patch level

No MSSQL Support

SaaS

CA PPM Version – CA PPM 14.3 or higher.

Contact your CA Services representative for further assistance with purchasing this component.