

**API documentation cycle**

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Color code External Excel Sheet

1. Receiver (SunSystemsData) Database

* Sun tables PK1\_PSTG\_HDR, PK1\_PSTG\_DETAIL (One row PK1\_PSTG\_HDR for each import Linked with multiple rows in PK1\_PSTG\_DETAIL by PSTG\_HDR\_ID)
* **Criteria:**
* Column (PSTG\_HDR\_ID) is our indicator.
* Insert line in table PSTG\_HDR.
* Take PSTG\_HDR\_ID from table PSTG\_HDR.
* Insert the data with PSTG\_HDR\_ID in table PSTG\_DETAIL.

1. Sender

* PMS flat file (filename RV0301 (003)) on the VM desktop
* HRMS DB table (JV\_Reprot\_Details\_Tbl) on (ACT\_HRMS\_TRAIN) Database

Where condition from table JV\_Reprot\_Details\_Tbl (Date = Current month and user\_id =1)

1. Configuration screens required

* A configuration screen per interface (Source) to configure several points such as:
  + Choose whether that we are going to interface the apps using database or file.
  + Choose the time interval for data import.
  + To add the where clause that will be used for the importing script or criteria in case of using the database import.
* In case of using the database, then a subsidiary configuration screen should show up to configure the connection string for the source database, and in case of using a file type source, then another subsidiary screen will show up to configure the file path, file name and extension, and to link it to the mapping that has been already configuring into the mapping screen.

1. Mapping

* PSTG\_HDR columns for first phase all values will be fixed (File Header\_table)
* PSTG\_DETAIL columns (File Detail\_table)
* Create screen to configure table (PSTG\_DETAIL) columns with PMS file and HRMS database tables

As Excel sheet attached (Mapping Example Excel sheet)

1. Directory files

* Scheduled upload files
* Upload multiple files from same directory
* Create screen to choose periodic time to upload PMS files