

Problem Statement:

Flat File data Integration Based on Condition

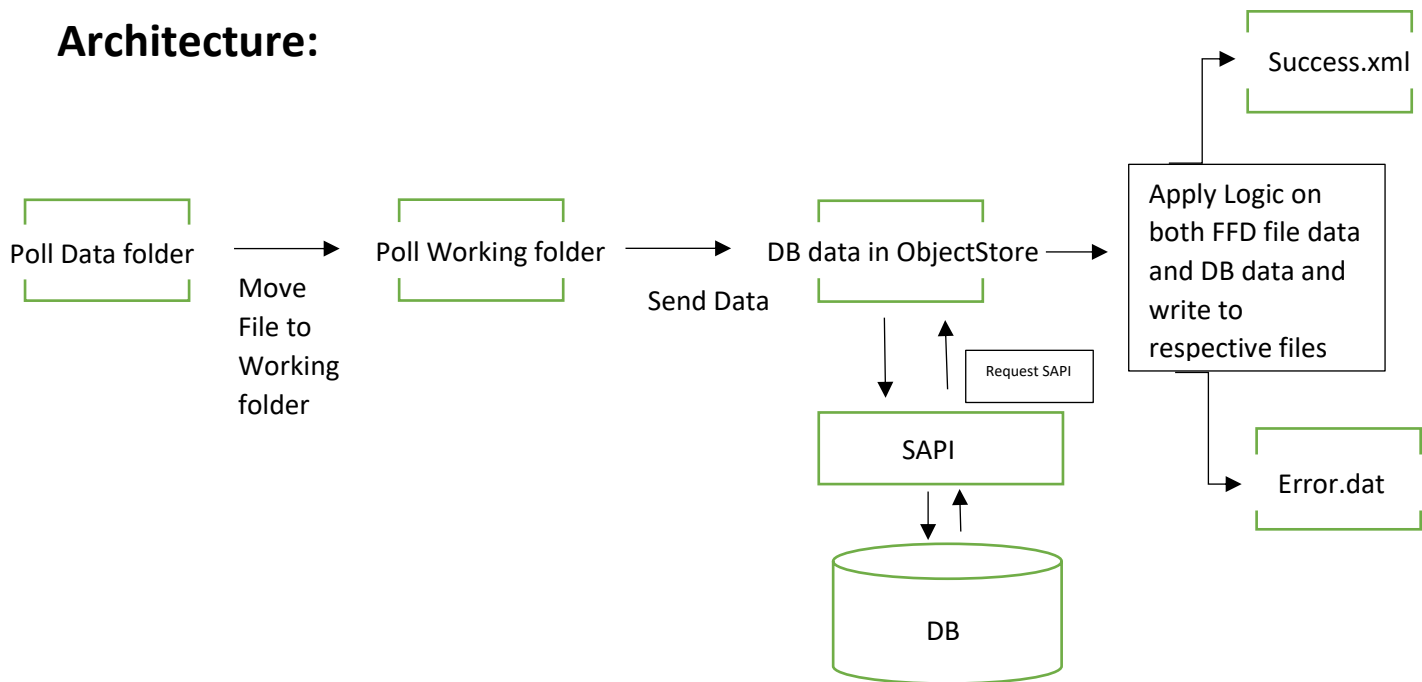
System API:

wh-info-sys-sapi

Process API:

wh-order-prc-papi -> Poll (Scheduler Based) -> API Design not used

Architecture:



Step 1: Design SAPI:

Fragment of Library containing -> dataTypes + Examples (reuse) : `httpstatuscodes-datatypes`

API endpoints

`/whInfo`

GET

`/healthcheck`

GET

Step 2: Develop SAPI

Step 3: Develop PAPI

Components Used:

- ⑨ MySQL Server DB

MySQL Server DB:

Table Used:

```
mysql> show tables;
+-----+
| Tables_in_mulesoft |
+-----+
| medical             |
| vacation            |
| wh_info              |
+-----+
3 rows in set (0.05 sec)
```

Table Description:

```
mysql> describe wh_info;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wh             | int           | NO   |     | NULL    |       |
| wh_name        | varchar(10)   | NO   |     | NULL    |       |
| facility       | int           | NO   |     | NULL    |       |
| warehouse_code | int           | NO   |     | NULL    |       |
| wh_live_ind    | varchar(1)    | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)
```

Flat File Schema Defined:

```
form: COPYBOOK
id: 'FILE-DETAILS'
values:
- { name: 'facility', type: String, length: 2 }
- { name: 'whCode', type: String, length: 2 }
- { name: 'whName', type: String, length: 3 }
- { name: 'orderNo', type: String, length: 12 }
- { name: 'itemNo', type: String, length: 8 }
- { name: 'quantity', type: String, length: 2 }
- { name: 'weight', type: String, length: 4 }
- { name: 'filler', type: String, length: 7 }
```

Final Output as Expected:

Expected:

WH_221223123046.xml

WH_221223123550.xml

File | C:/Users/primahar/AppData/Local/Temp/%7BD73164C4-1E5B-4219-90F

This XML file does not appear to have any style information associated with it. The document tr

<whDetails>
 <whDetail>
 <facility>33</facility>
 <whCode>33</whCode>
 <whName>JRP</whName>
 <orderNo>523357</orderNo>
 <itemNo>98765</itemNo>
 <quantity>12</quantity>
 <weight>23</weight>
 <filler/>
 </whDetail>
 <whDetail>
 <facility>40</facility>
 <whCode>41</whCode>
 <whName>SBS</whName>
 <orderNo>923551</orderNo>
 <itemNo>57345</itemNo>
 <quantity>1</quantity>
 <weight>12</weight>
 <filler/>
 </whDetail>
</whDetails>

WH_221223123047_error.dat - Notepad

File	Edit	View
6166PSS123456	352791	010010
2025PCM724458	234562	030005

Generated:

WH_221223123046.xml

WH_221223123046_error.dat - Notepad

File | Edit | View

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