

Analysis Document: Entry Code 'QBA' - Update & Insertion Flow

1. Background

The JIRA requirement pertains to understanding how retirement entry codes, such as 'QBA', are reflected

2. Initial Setup and Updates

2.1 Source Table: ACTV_VER_10672

- Entry code 'QBA' is located in the ACTV_VER_10672 table.
- Originally set up on 23-Jul-2020.
- Multiple subsequent entries exist, the latest on 01-Jan-2023.
- Each update results in a new row insertion-not an update-in-place-so the latest effective entry is always

2.2 Online Update Path: OPAOC380 Module

- Module: OPAOC380
- Triggered by: OAPD transaction
- Function: Used to update activity path definitions.
- Flow:
- Enters U5000-UPDATE-CONTINUATION
- Proceeds to U6000-INSERT-TABLES
- Calls U6100-INSERT-ACTV-VER-10672, where the SQL insert happens.
- The logic inserts new rows rather than updating existing ones.

3. Batch Processing Insight

You identified two critical batch jobs involved in entry code and activity number handling:

3.1 Job: OPAJ898

- PROC Used: OPA898
- Core Program: OPABC898
- Function: Inserts activity numbers into the OPA database.
- Also inserts the BEG_EFF_DA (Begin Effective Date).
- This process creates new entries programmatically, setting the base records for entry codes like 'QBA'.

3.2 Job: ADPJ260

- PROCs Used: ADPBC260, ADPBC261
- Function: Generates a report of all entry codes.
- Provides a comprehensive view of the activity paths and their effective dates.

4. Online vs Batch: Process Flow Differentiation

Process Type	Component	Function	Key Module(s)
Batch	OPAJ898	Creates new entries with base activity data	OPABC898
	ADPJ260	Generates report of all entry codes	ADPBC260/261
Online	OAPD (Manual)	Updates existing entries & activity path definitions	OPAOC380

- Batch → Focused on creation of initial records.
- Online → Allows user-driven updates and insertion of new versions with updated paths.

5. Final Conclusion

- The entry code 'QBA' shows activity path data for 2023 because a new row was inserted on 01-Jan-2023.
- This could have been triggered by:
 - Manual update via OAPD, using OPAOC380.
 - Or by a scheduled batch job, such as OPAJ898, which runs during year-end to refresh effective dates.
- The OPAJ898 job is a strong candidate for automated annual creation of activity records using current t

6. Recommendation / Next Steps

- Confirm the schedule and last run date of OPAJ898-does it align with 01-Jan-2023?
- Check job logs/output datasets for OPABC898 to verify if 'QBA' was part of its input set.
- If auditing is enabled, confirm whether the update was user-triggered (online) or batch-triggered.