salesforce architects

Publish / Subscribe (Unique Copy)

This Level 3 documentation and implementation diagram shows an example of the Publish / Subscribe pattern that depicts an event being published when a record is modified via a user interaction, a flow or a batch job. Subscribers receive their own unique copies of events and make the appropriate updates to their own records. In this pattern, the message channel is aware of all the subscribers and creates event copies for each one, allowing subscribers to replay events if needed.

———————— Publish

- - - - - - - - Subscribe

System 1

User Interaction

Flow

Batch Job

Event Bus

Channel A

Event A-2

Replay ID

Event A-3

Replay ID

Event A →

← Event A --- (Event A) ---

Event A-2 →

← Event A --- (Event A) ---

Event A-3 →

System 2

System 3