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Design Document for m_BOUPDATE_FILE_LOAD Mapping

Architectural Overview

The mapping `m_BOUPDATE_FILE_LOAD` facilitates the transformation and transfer of data betwee

Key Components
- **Sources**: `BOUPDATE_DMP` - A source definition that initiates the data flow by providing source
- **Targets**: `EXP_BOUPDATE_FILE1` - A target definition that represents the endpoint where filtere
- **Transformations**:
  - **Source Qualifier (SQ_BOUPDATE_DMP)**: Customizes the data retrieved from `BOUPDATE_DM
  - **Expression (EXP_BOUPDATE_FILE, EXP_LKP)**: Facilitates data transformation by applying ex
  - **Filter (FIL_Valid)**: Ensures only the records meeting the specific conditions (determined by filter
  - **Lookup Procedure (LKPTRANS)**: Performs lookup operations to determine the presence or valu

Key Transformation Details

1. **SQ_BOUPDATE_DMP**
- **Type**: Source Qualifier
- **Purpose**: Fetches and integrates data using SQL query to encompass various user groups with s
- **Expected Fields**: `ADDORDEL`, `USERID`, `GROUPNM`

2. **EXP_BOUPDATE_FILE**
- **Type**: Expression
- **Purpose**: Transforms the data by directly passing the fields (`ADDORDEL`, `USERID`, `GROUPN
- **Fields**: No complex transformations, operates as a conduit for the fields toward further processing

3. **EXP_LKP**
- **Type**: Expression
- **Purpose**: Facilitates any additional data manipulation post-lookup procedure and acts as a pass-t
- **Fields**: Similar to the previous expression, it doesn't perform complex transformations but reforma

4. **LKPTRANS**
- **Type**: Lookup Procedure
- **Purpose**: Verifies data against the source `BOUPDATE_DMP` to check for existing matches base
- **Primary Condition**: `ADDORDEL = i_ADDORDEL AND USERID = i_USERID AND GROUPNM =
- **Attributes of Note**:
  - Lookup caching enabled for efficiency.
  - Lookup type: Static Database read with caching for performance.

5. **FIL_Valid**
- **Type**: Filter
- **Purpose**: Filters processed records such that only records where `lkp_ADDORDEL` is NULL are p
- **Condition**: `iif(isnull(lkp_ADDORDEL),TRUE,FALSE)`

Data Flow

1. Data retrieval begins from the `BOUPDATE_DMP` via the Source Qualifier `SQ_BOUPDATE_DMP`