Python Utility For ‘Service Search Text’ Synchronization:

The utility checks PostgreSQL tables 'tbl_service_category' and 'tbl_service_tag' for any records with the 'updated' flag set to True. If found, it retrieves all records from both tables and generates a 'service_search_text.json' file containing an array of 'ServiceSearchText' objects.

ServiceSearchText Object Attributes:

- 'service_tag_id': Integer (nullable)
- 'service_categories': Array of integers
- 'service_search_text': Text

Generation Rules:

1. **From 'tbl_service_category':**
   - Create a 'ServiceSearchText' object for each record.
   - 'service_tag_id' is null.
   - 'service_categories' is an array containing the 'id' as the only element.
   - 'service_search_text' is the 'name' field.

2. **From 'tbl_service_tag':**
   - Create a 'ServiceSearchText' object for each record.
   - 'service_tag_id' is 'id'.
   - 'service_categories' is 'categories'.
   - 'service_search_text' is the 'name' field.

Process:

If records with 'updated=True' are found in either table:

- Retrieve all records from both tables.
- Generate a JSON file ('service_search_text.json') containing an array of 'ServiceSearchText' objects based on the rules above.
- Replace any existing 'service_search_text.json' file.
- Set 'updated' flag to False for all records in both 'tbl_service_category' and 'tbl_service_tag'.

This Python utility ensures that after execution:

- The JSON file is updated with the latest data.
- All records are marked as not updated ('updated=False') in both tables to avoid duplication in subsequent runs.