

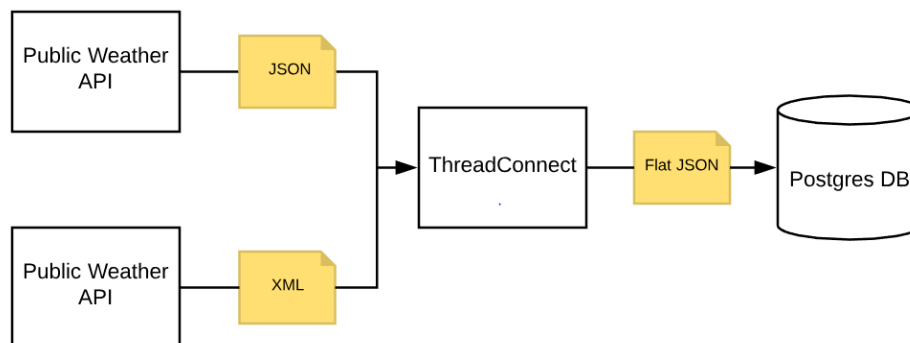
INSERT OPERATION ON POSTGRES DB



To perform insert operation on Postgres database.

Responses (XML and JSON) from public weather API is added as record in the specified table of Postgres DB.

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KEY ATTRIBUTES

- `InvokeHttp`: invokes the weather API endpoint
- `EvaluateJsonPath/EvaluateXPath`: extracts specified values from the JSON/XML response respectively based on the path
- `AttributesToJSON`: creates flat JSON from the list of flowfile attributes
- `ConvertJSONToSQL`: converts flat JSON into corresponding SQL statement using the details of "test" table.
- `PutSQL`: executes the SQL command on the specified (postgres) database. PutSQL inputs the record passed as data from the GET call into "test" table.

CONTROLLER SERVICES USED

- `StandardSSLContextService`: helps to communicate with secure API endpoint(HTTPS)
- `DBCPCConnectionPool`: connects to the specified postgres database

NOTES

- The template requires Postgres DB with following requirements:
DB Name: postgres
User: postgres
Password: postgres
Table Name: test
Schema:

```
{  
  "column name" : "type"  
  id : character varying,  
  cityname : character varying,  
  citytemp : character varying,  
}
```

Database Driver Location : Postgresql JDBC Driver jar location (download from <https://jdbc.postgresql.org/download.html>)

- Carefully check that database configuration details are updated across the **entire** flow when configuring a new database connection.