

# EF: Dynamic DbContext

This library contains a slightly different dbContext implementation than our typical three-layer dbContext library.

We've created a library that fits the following use cases:

- Provides an Entity Framework DbContext.
- Works with these backends:
  - MSSQL
  - Postgres
  - SQLite
  - In-Memory
- Compatible with NET Core 5, 6, and 7.
- Makes use of reflection where possible, to avoid hard

## Project Info

The GitHub repo is here: <https://github.com/ogauto/OGA.DynamicDomain.Lib>

The JIRA page is here:

The Jenkins Job is here: <http://192.168.1.200:8080/job/oga-jobs/job/Libraries/job/Build-OGA.DynamicDomain.Lib/>

## Capabilities

Here are the capabilities of this library.

### Included Backend Provider

This library implements the backend database provider, via reflection.

What this does is, it allows the base library, itself, to contain the backend-specific, boilerplate logic, that is normally in the top-level of the regular dbContext implementation.

### EF Logging

This library implements a method of EF logging that allows us to hook into EF events and filter for ones of log-able interest, that are sunk to our existing NLog logging.

Details are on this page: [EF: Logging](#)

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