Grain State and Persistence

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Temperature Sensor Device → WebAPI → Orleans Silo
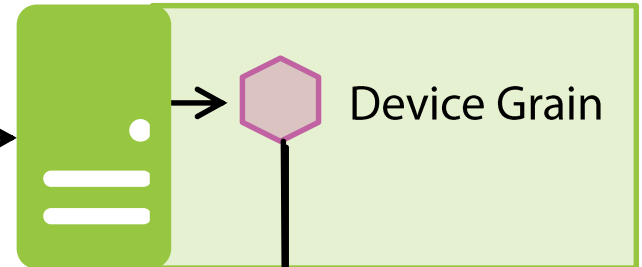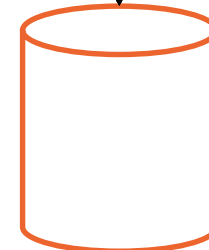
Device Grain

Storage Provider

Storage System

Orleans Storage Providers

MemoryStorage

AzureTableStorage

ShardedStorageProvider

Create your own…

Using Orleans Storage Providers

Modify the Grain class

Update Orleans configuration file

No need to change the grain interface

Why use Storage Providers?

Save development time

Focus on grain orientated development

Decouple storage system from grain code