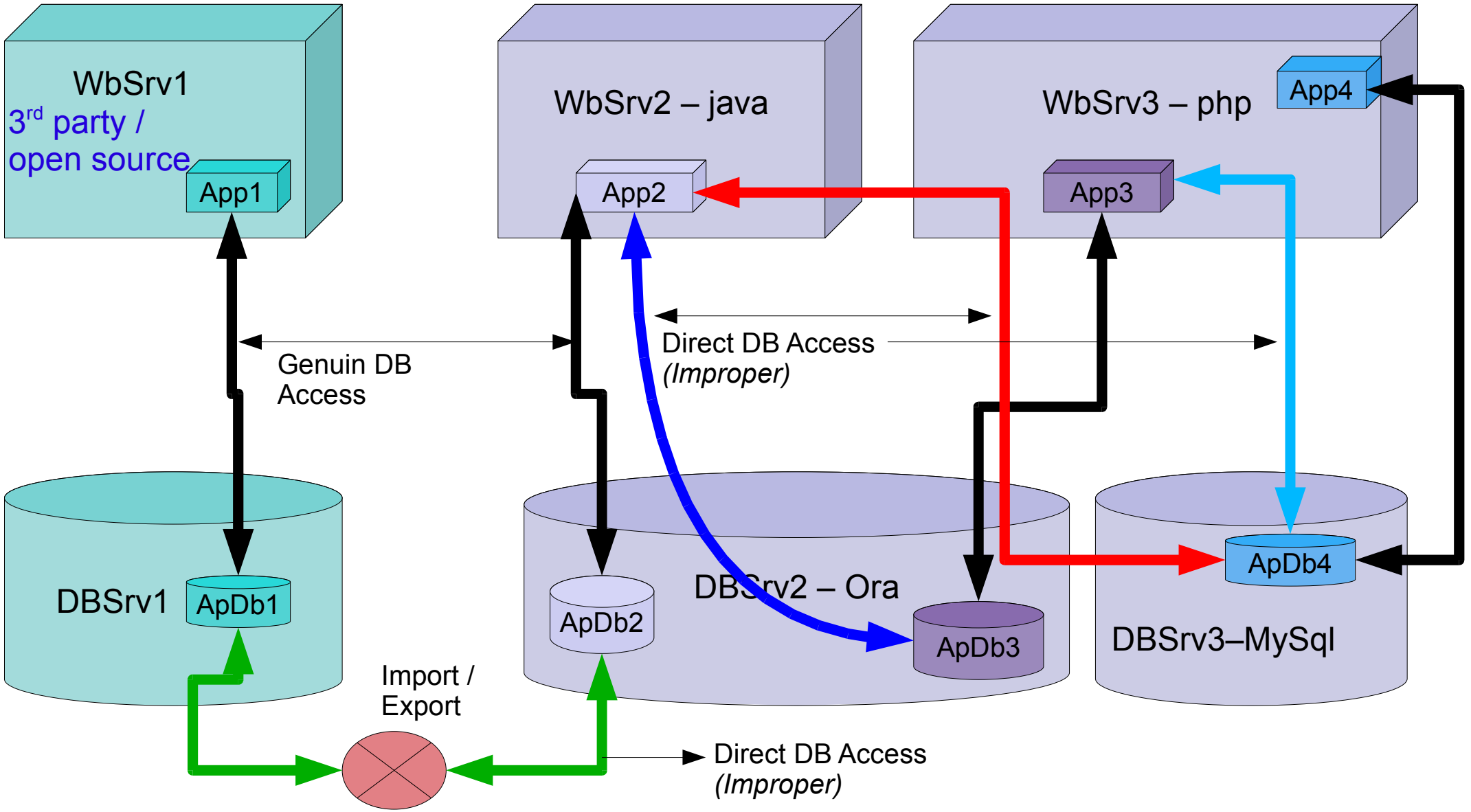
EXISTING SYSTEM (without Middleware)



EXISTING SYSTEM (without Middleware)

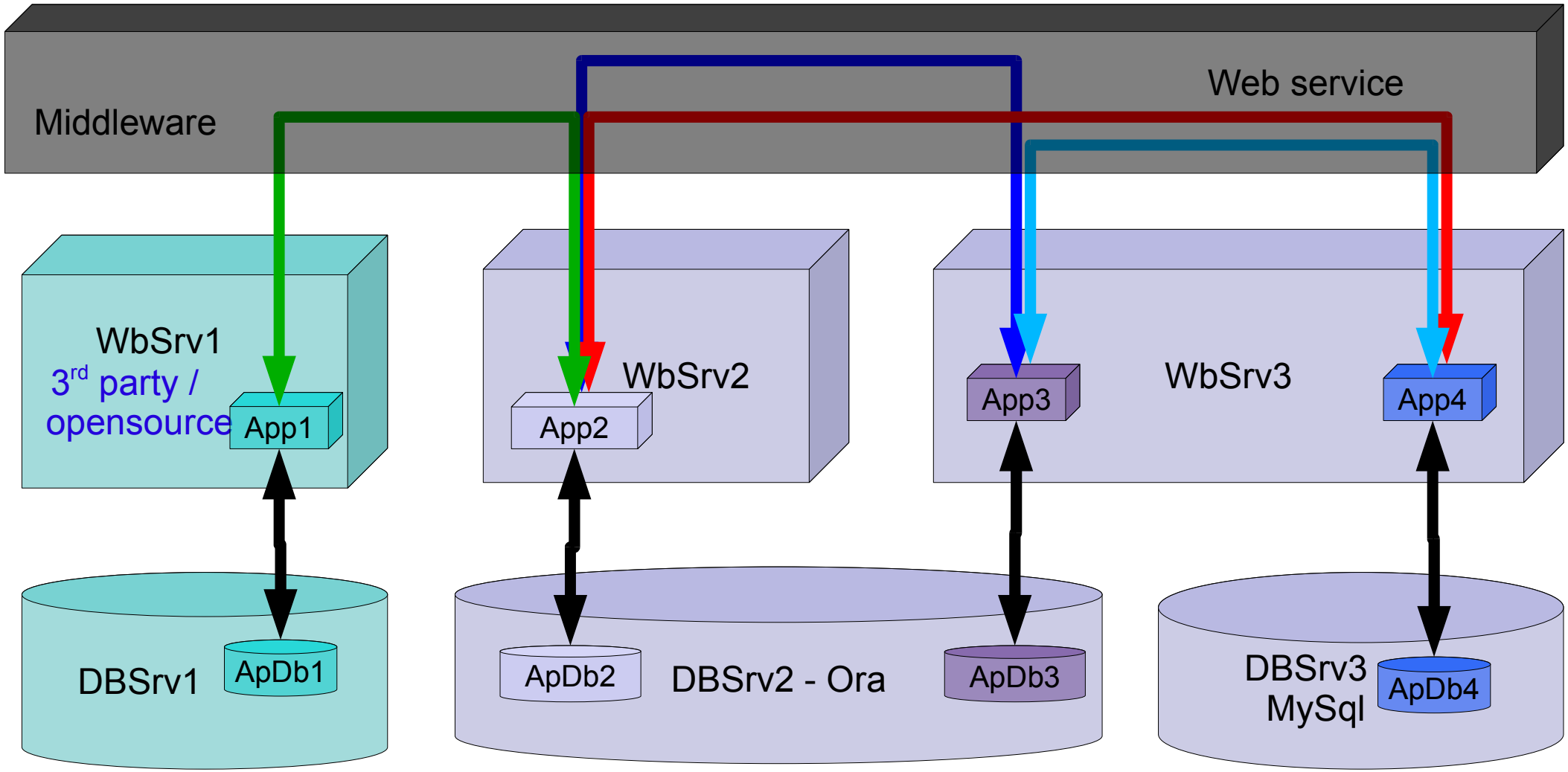
1. Duplication of Bussiness Logic

2. Complicated desing and coding

3. Overhead of other project's domain knowledge for developer / tester

4. Difficult when change comes in bussiness logic

NEW SYSTEM (with Middleware)



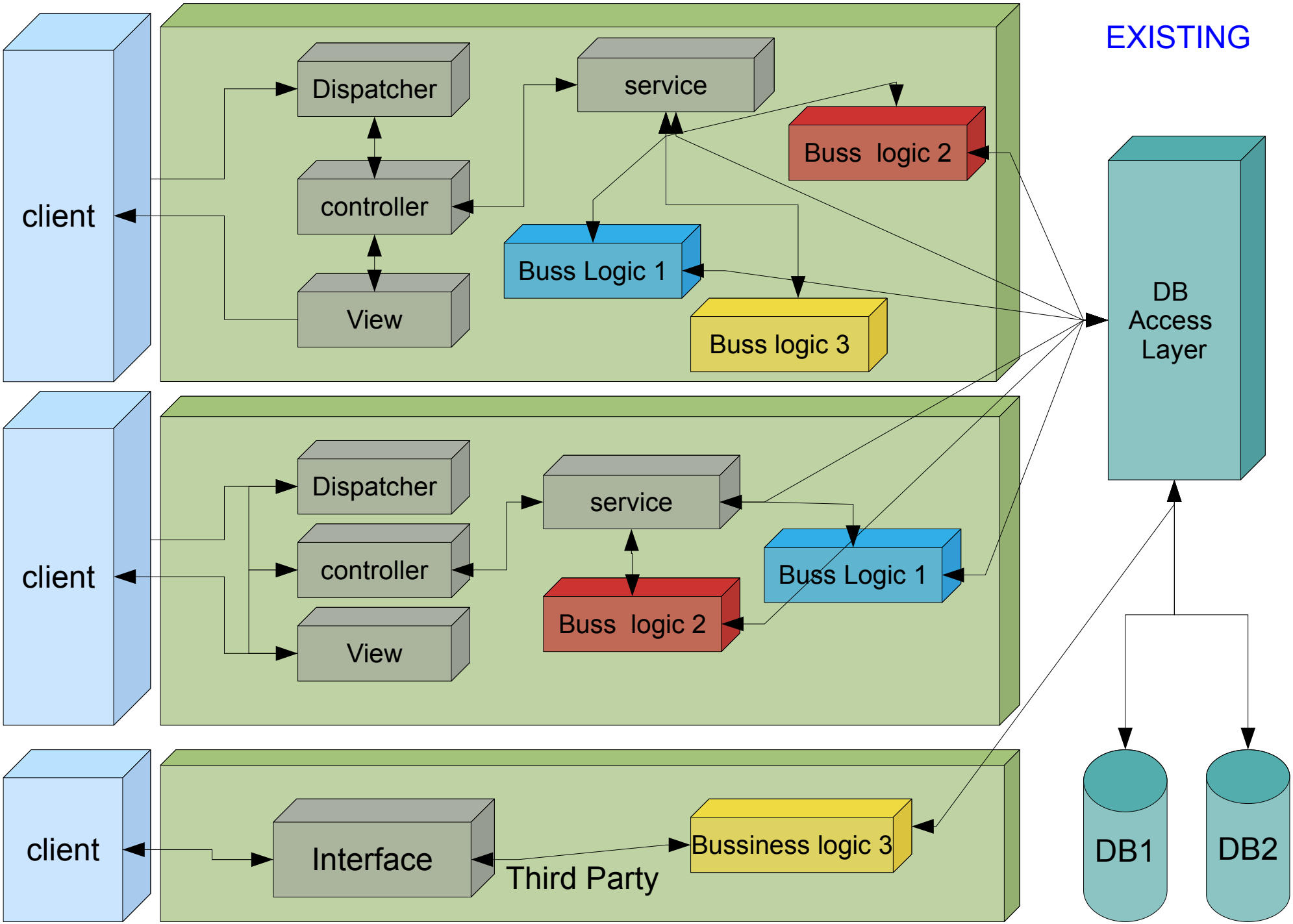
NEW SYSTEM (with Middleware)

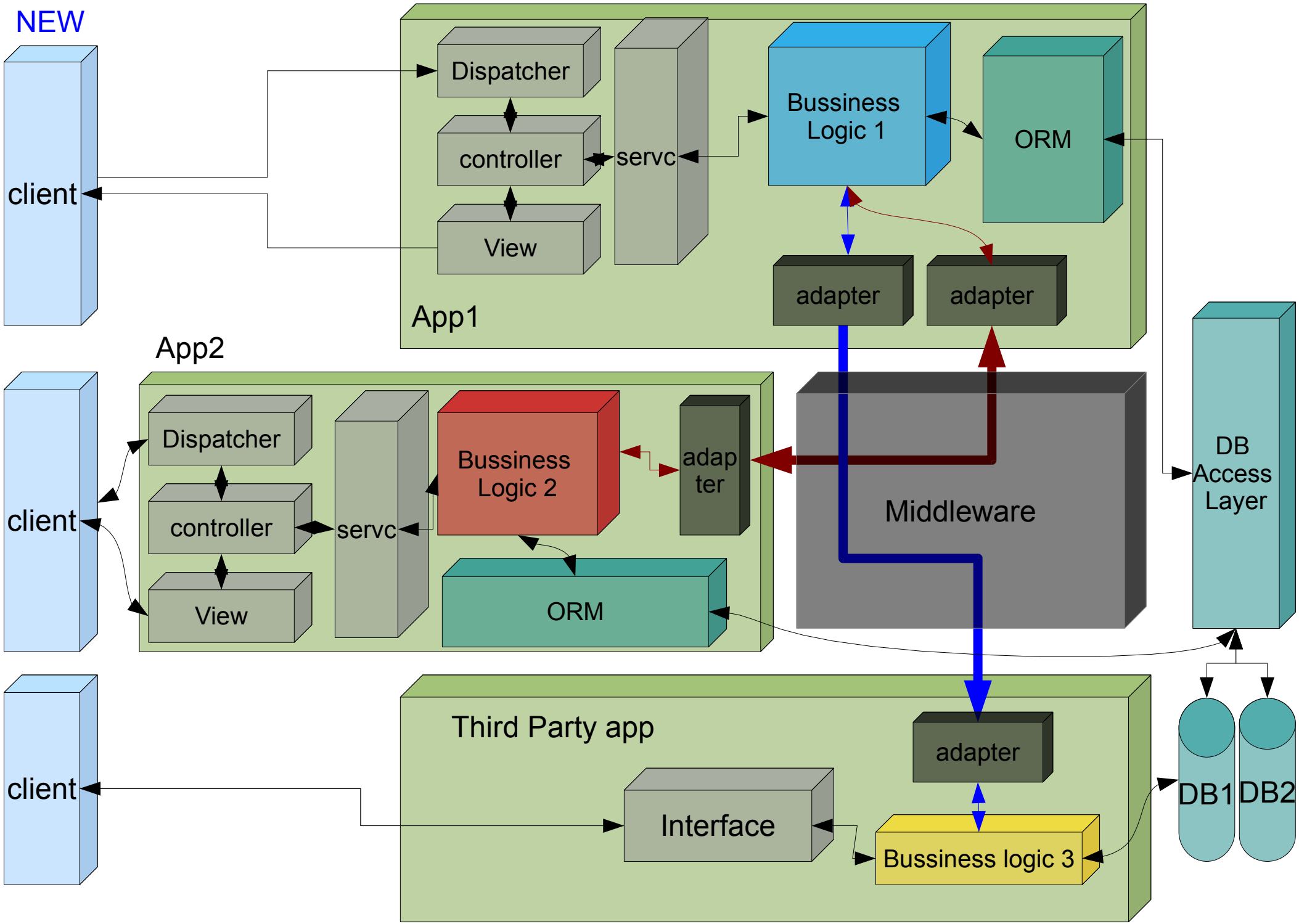
1. **Centralized Bussiness Logic**

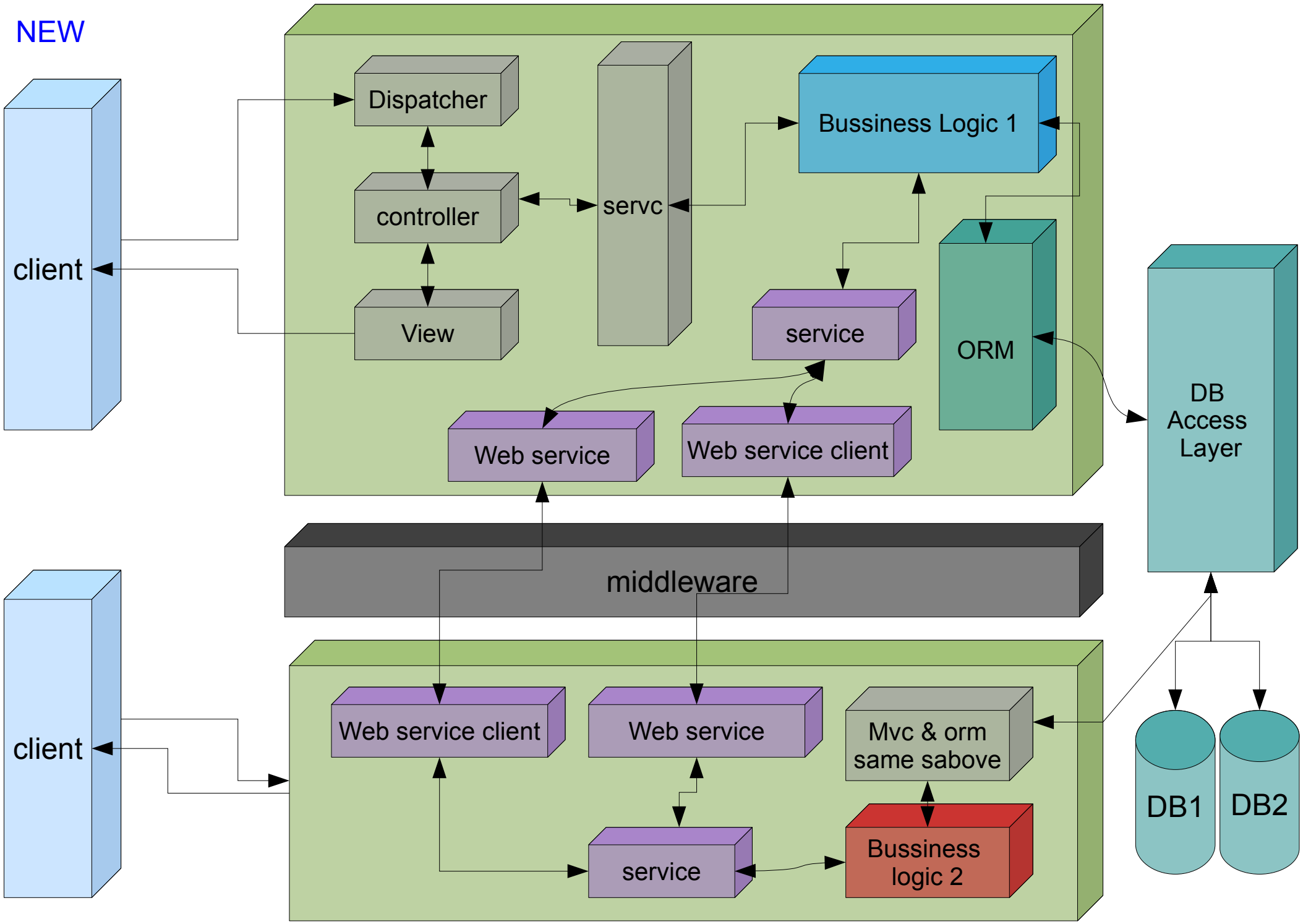
2. **Simple desing and coding**

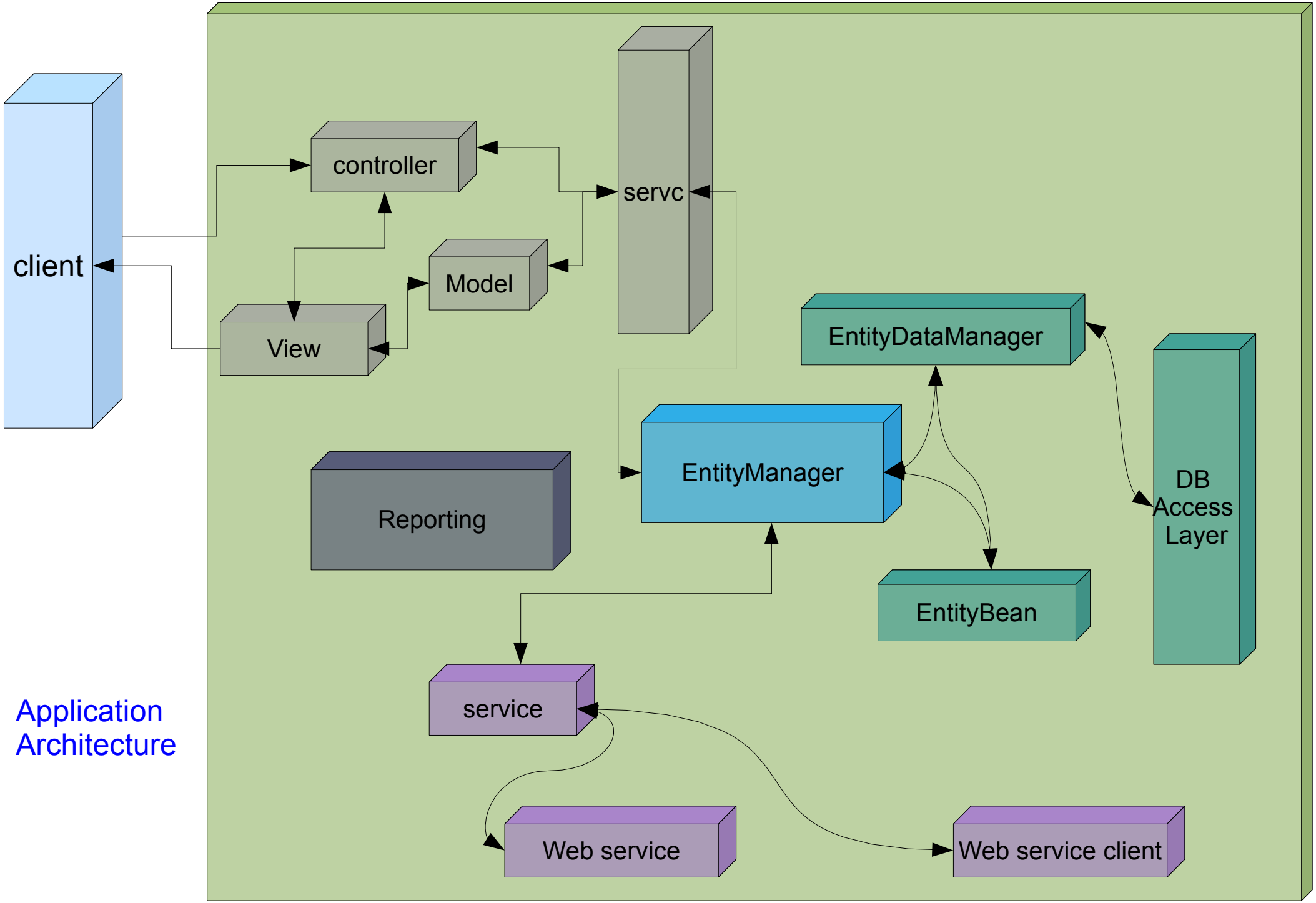
3. **Domain experts handles their application's logic**

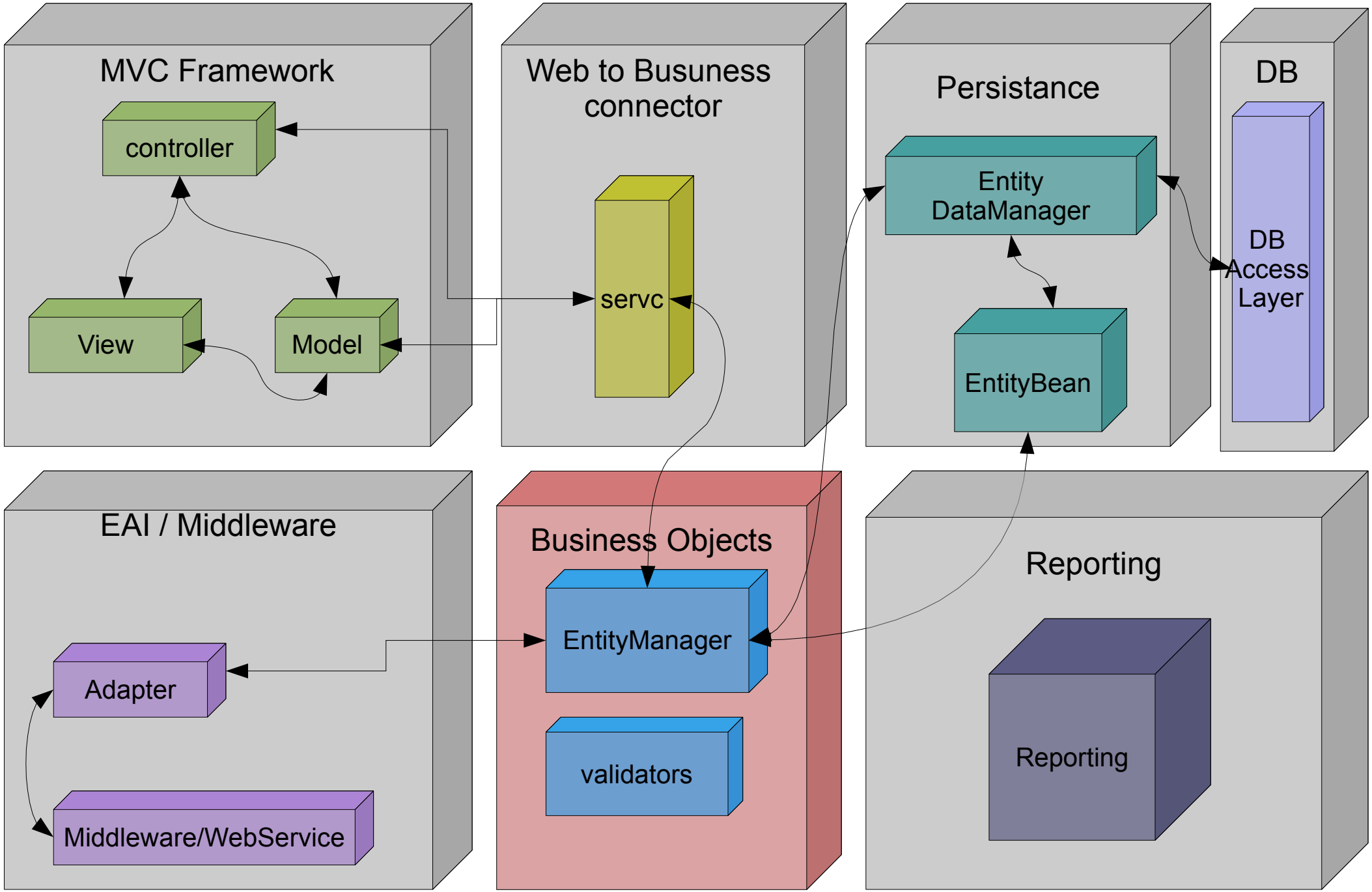
4. **work only needed where change in business logic actually occure which does not affect other applications using that logic**


EXISTING
client
Dispatcher
service
controller
Buss logic 2
Buss Logic 1
View
Buss logic 3
DB
Access
Layer
client
Dispatcher
service
controller
Buss Logic 1
Buss logic 2
View
client
Interface
Third Party
Bussiness logic 3
DB1
DB2


NEW
client
Dispatcher
controller
View
servc
Bussiness Logic 1
ORM
adapter
adapter
App1
App2
client
Dispatcher
controller
View
servc
Bussiness Logic 2
adap ter
ORM
Middleware
DB Access Layer
client
Third Party app
adapter
Interface
Bussiness logic 3
DB1
DB2


NEW
client
Dispatcher
controller
View
servc
Bussiness Logic 1
service
ORM
Web service
Web service client
DB
Access
Layer
middleware
client
Web service client
Web service
Mvc & orm
same sabove
service
Bussiness
logic 2
DB1
DB2



Application Architecture

MVC + Layered Architecture