



Advantages of N-Tier Architecture

> Separation of concerns

- > Functionality is separated into its responsible parts
- > E.g. web page rendering vs business functions

> Maintainability

- > Identifying relevant implementation code easier
- > Testing specific functional concerns easier
- > Separation of developer skills possible

> Extendibility

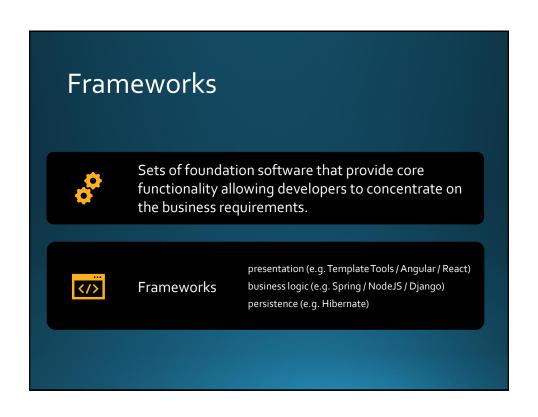
> Adding new code / refactoring existing code is made easier and less error prone

> Loose coupling

- > Design-time: Implementation can change with minimised impact on dependant functionality
- > Run-Time: Time/Location/Protocol independence of the functions gives a more robust system

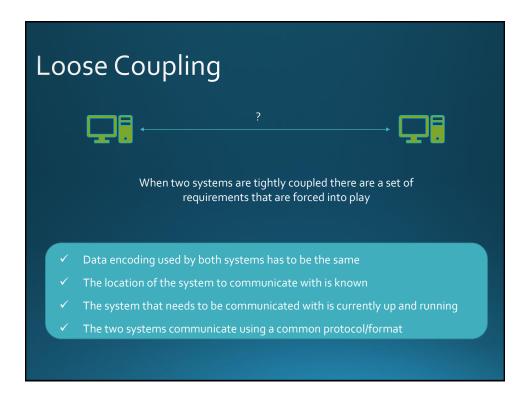
> Functionality Access

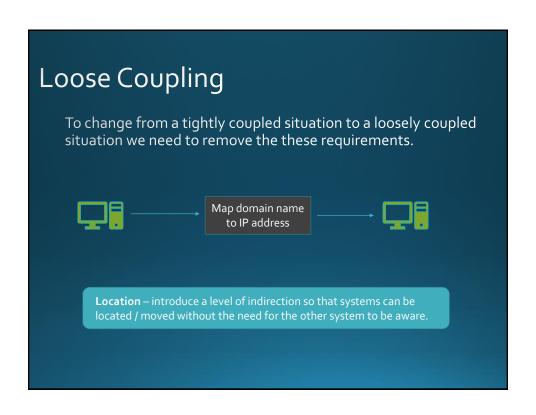
> Different client devices can access the same business functionality

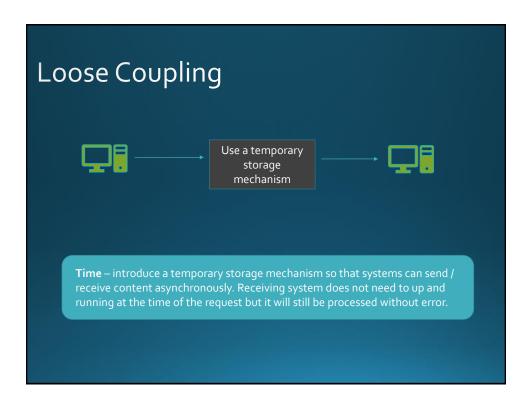


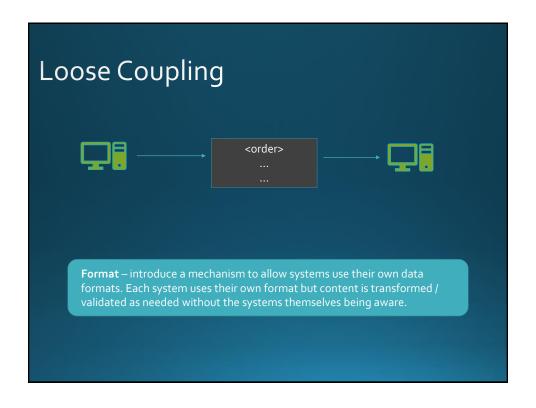


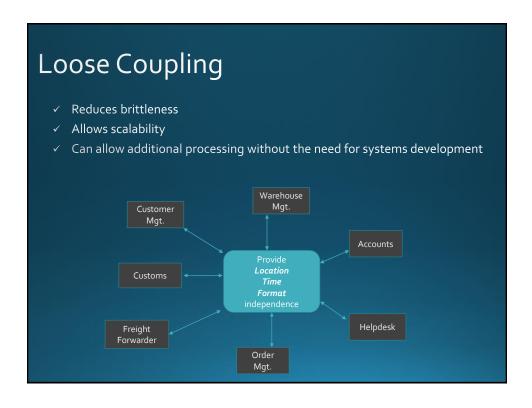




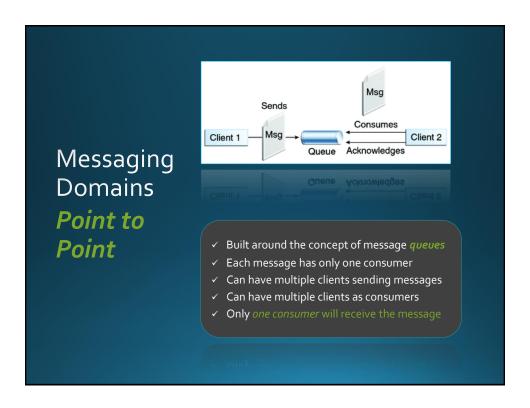


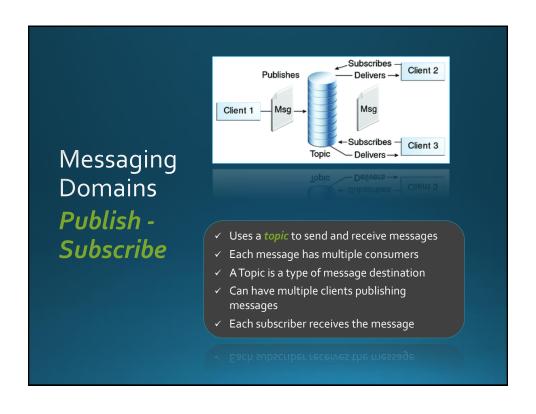












Java Messaging Specification



