

Non-functional and functional requirements: are they equally relevant?

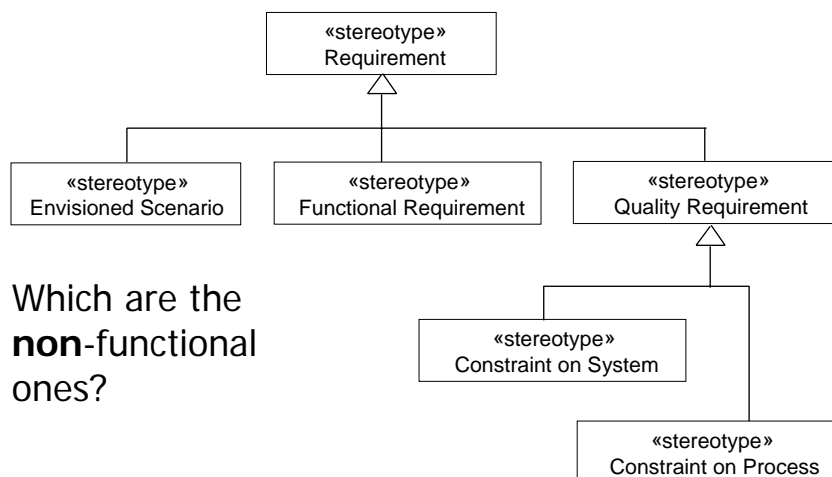
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Types of requirements



Which are the
non-functional
ones?

Selection of architecture depending on constraint requirements

- **Performance**
Large rather than fine-grain components for minimizing communication
- **Security**
Layered architecture with critical assets in the inner layers
- **Safety**
Localization of safety-critical features in a small number of sub-systems
- **Availability**
Redundant components and mechanisms for fault tolerance
- **Maintainability**
Fine-grain, replaceable components with low coupling



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Thank you for your attention!

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