

Introduction to Patterns & Frameworks

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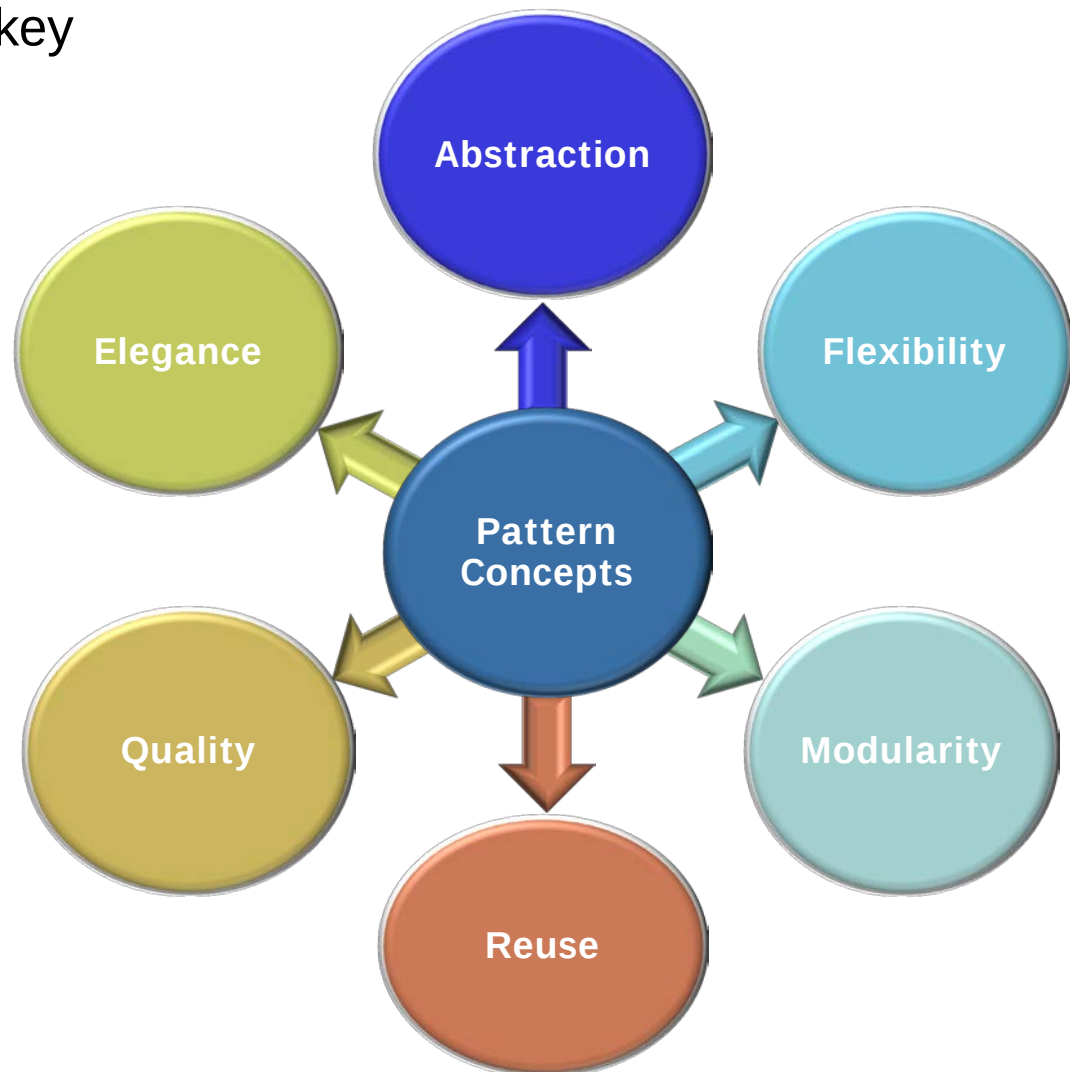
Institute for Software
Integrated Systems

Vanderbilt University
Nashville, Tennessee, USA



Topics Covered in this Section of Modules

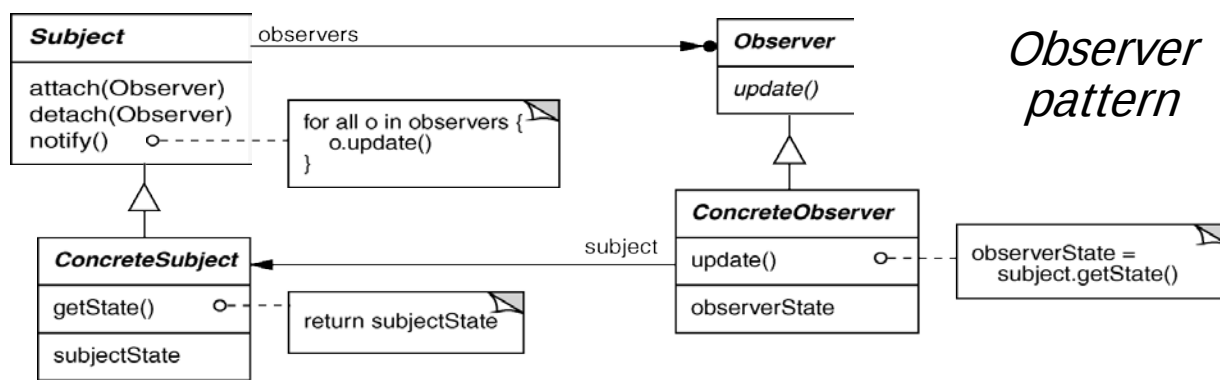
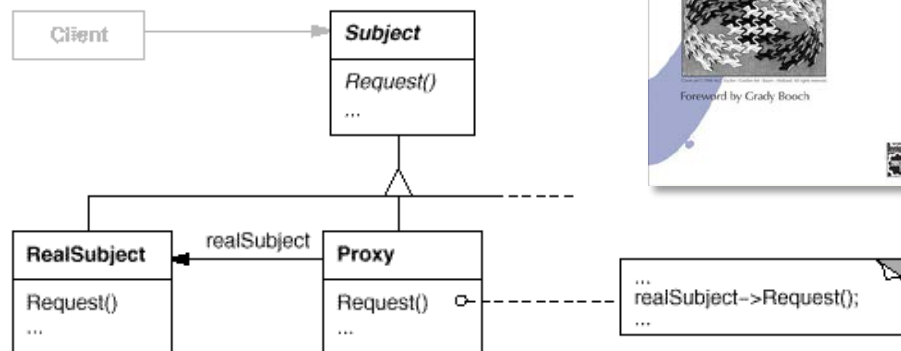
- Provide an overview of key pattern concepts



Topics Covered in these Modules

- Provide an overview of key pattern concepts
- Give examples of “Gang of Four” patterns that are relevant to concurrent & networked software

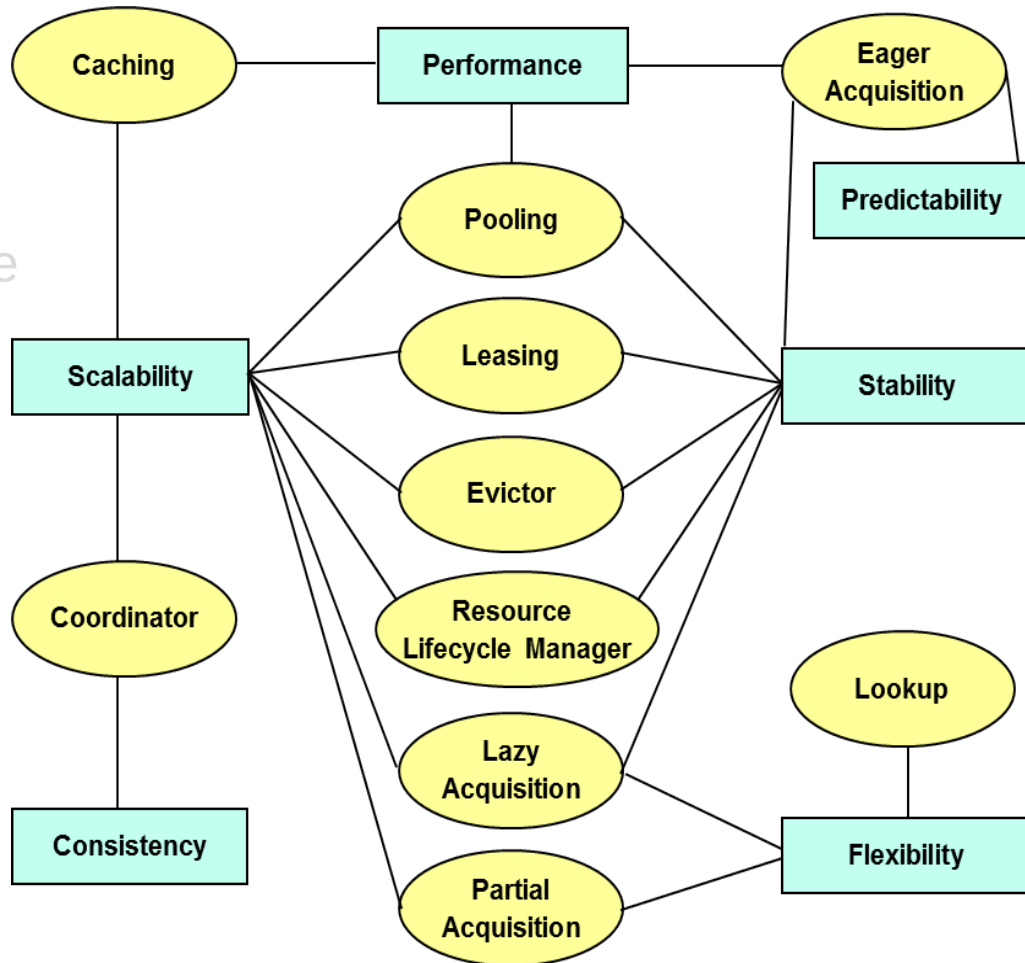
Proxy pattern



Observer pattern

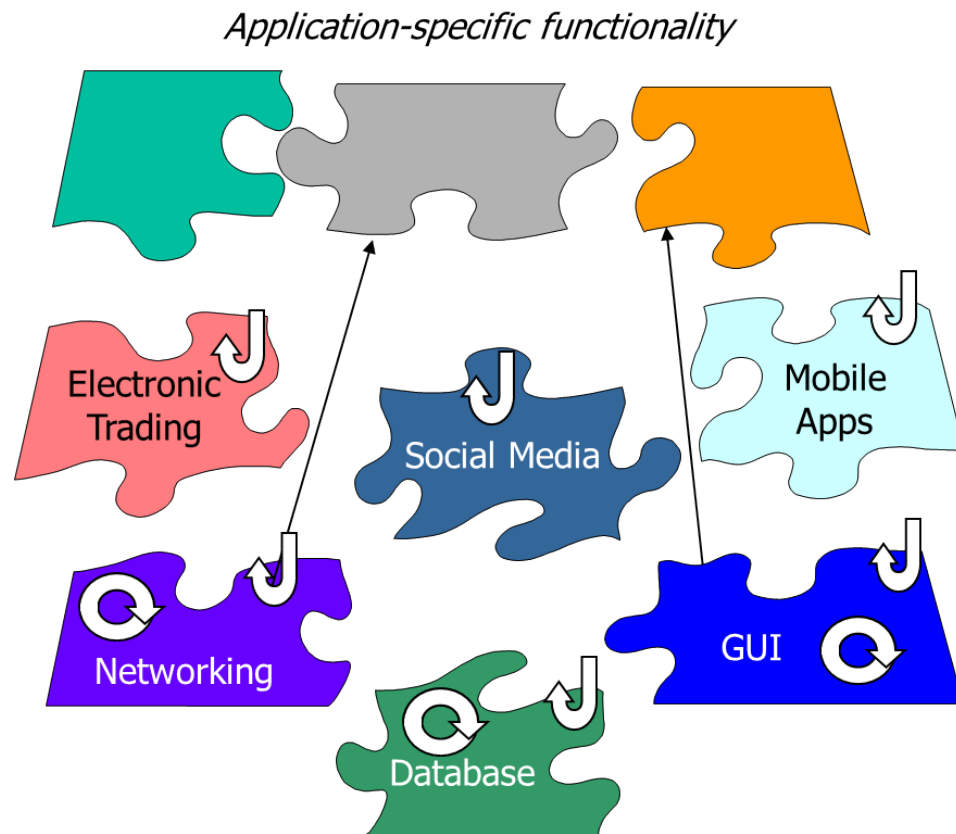
Topics Covered in these Modules

- Provide an overview of key pattern concepts
- Give examples of “Gang of Four” patterns that are relevant to concurrent & networked software
- Explore relationships between patterns



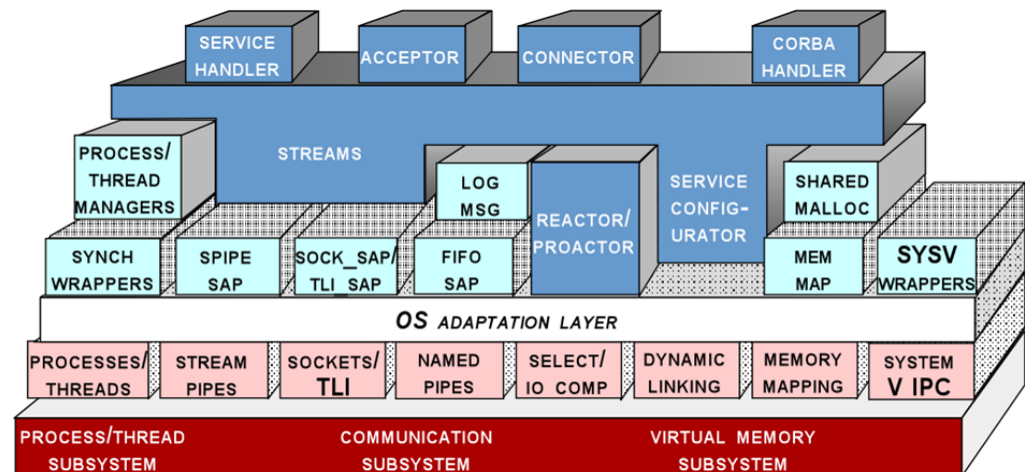
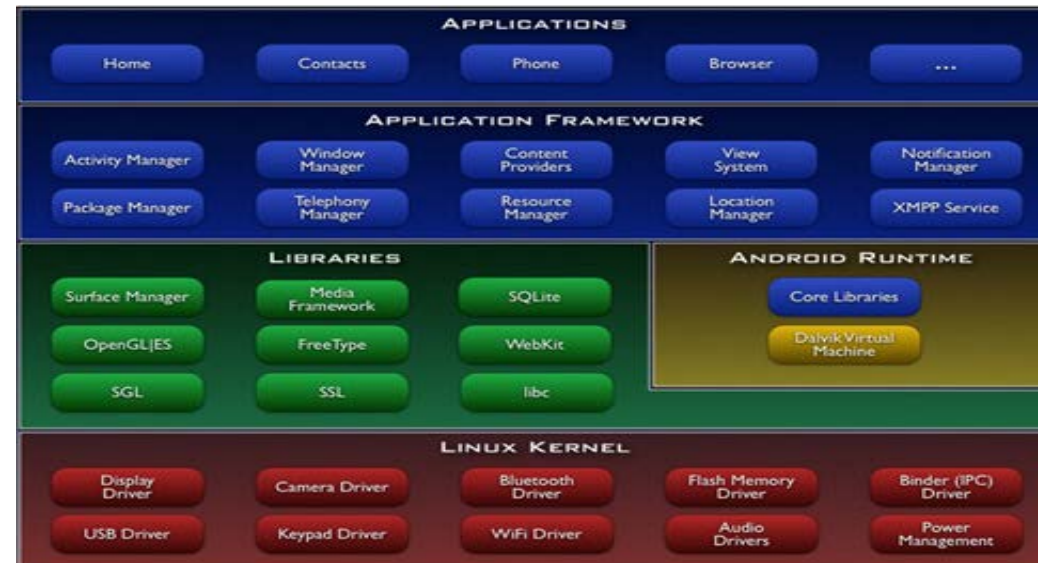
Topics Covered in these Modules

- Provide an overview of key pattern concepts
- Give examples of “Gang of Four” patterns that are relevant to concurrent & networked software
- Explore relationships between patterns
- Provide an overview of key framework concepts



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- Provide an overview of key pattern concepts
- Give examples of “Gang of Four” patterns that are relevant to concurrent & networked software
- Explore relationships between patterns
- Provide an overview of key framework concepts
- Give examples of frameworks that are relevant to concurrent & networked software



GENERAL POSIX, WIN32, AND RTOS OPERATING SYSTEM SERVICES

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- Provide an overview of key pattern concepts
- Give examples of “Gang of Four” patterns that are relevant to concurrent & networked software
- Explore relationships between patterns
- Provide an overview of key framework concepts
- Give examples of frameworks that are relevant to concurrent & networked software
- Summarize benefits & limitations of patterns & frameworks



Topics Covered in these Modules

- Provide an overview of key pattern concepts
- Give examples of “Gang of Four” patterns that are relevant to concurrent & networked software
- Explore relationships between patterns
- Provide an overview of key framework concepts
- Give examples of frameworks that are relevant to concurrent & networked software
- Summarize benefits & limitations of patterns & frameworks
- Reference additional info about patterns & frameworks

