Advanced Software Composition

An open component model an its support in Java

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The FRACTAL component model

Objectives of the FRACTAL component model

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- Composite components

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- Introspection capabilities
- Reconfiguration capabilities

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Details of a FRACTAL component

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- The content

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- The content
- The membrane

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- The content
- The membrane
  - Internal and external interfaces

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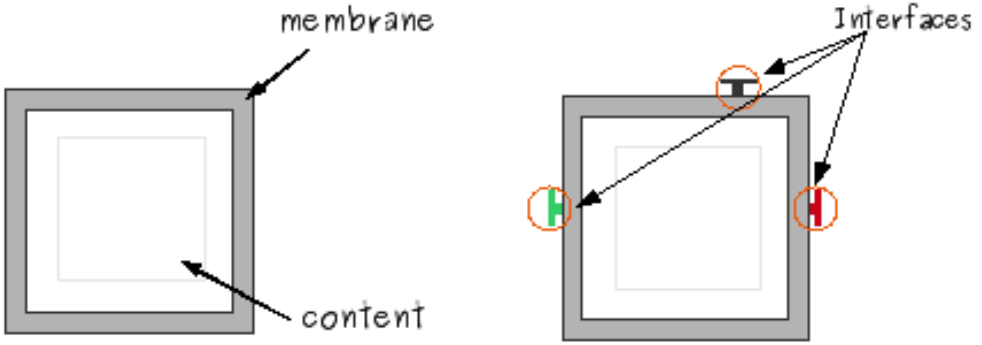
- The content
- The membrane
  - Internal and external interfaces
  - Controller

The FRACTAL component model

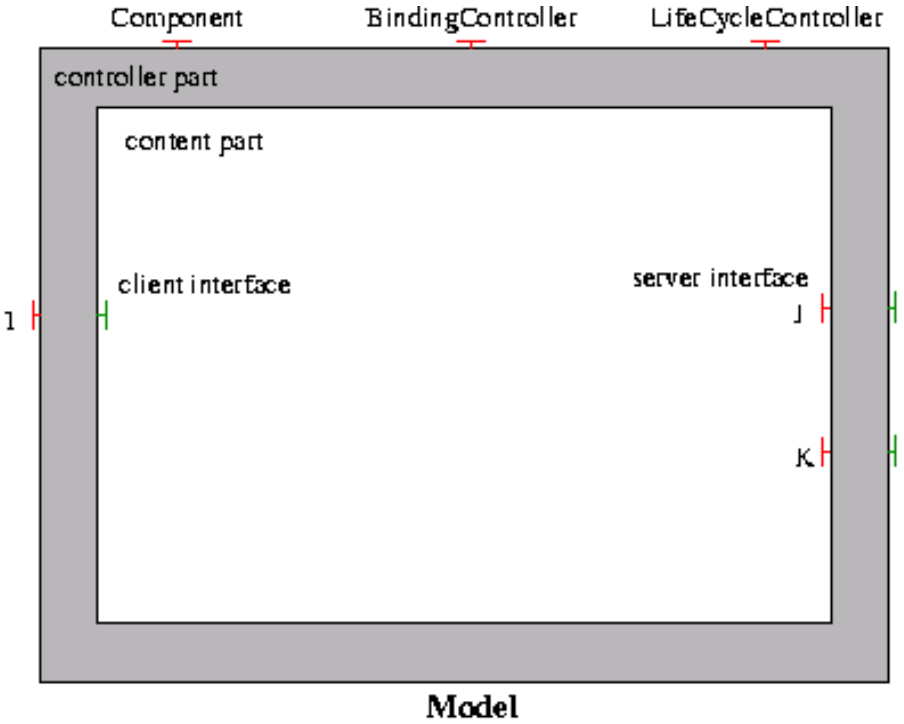


The JULIA framework

The design goal of JULIA is to implement a framework to program component membranes.

JULIA provides a collection of pre-defined controller and interceptor classes and a class mixin mechanism.

The JULIA framework



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