

ECONET Project

Behaviour Abstraction from Code

Filling the Gap between Component Specification and Implementation

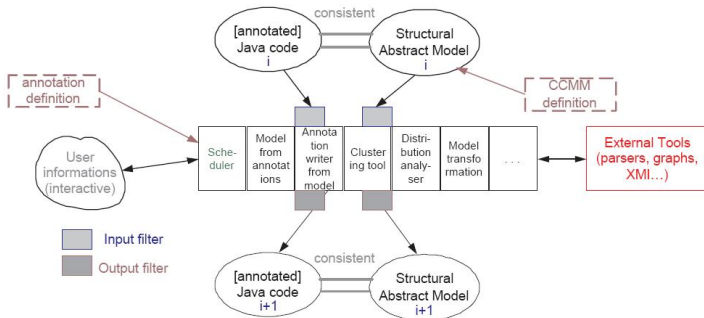
Process B

Cluj - september, 21-24 2008



Process B Session

Structural Abstraction



- Managing annotations
- N-Party Rendezvous vs Sending Messages
- Discussion groups

Discussion Groups

After the Coffee break:

Proposal of groups

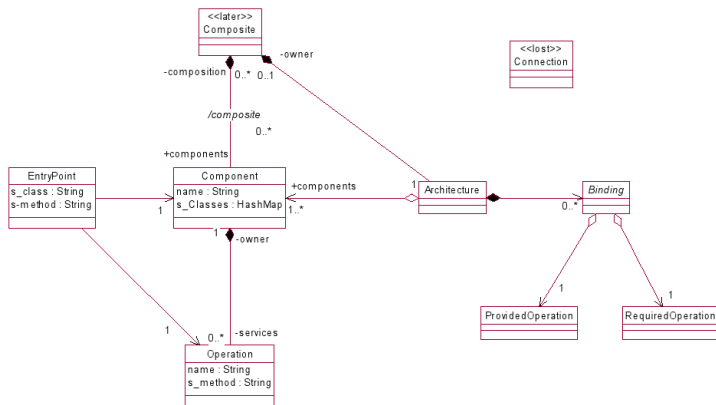
- API talk - Short term goal: tool integration roadmap
 - Process A and Process B
 - Model import/export and verification
- Reverse engineering - Short term goal: suitable models and techniques

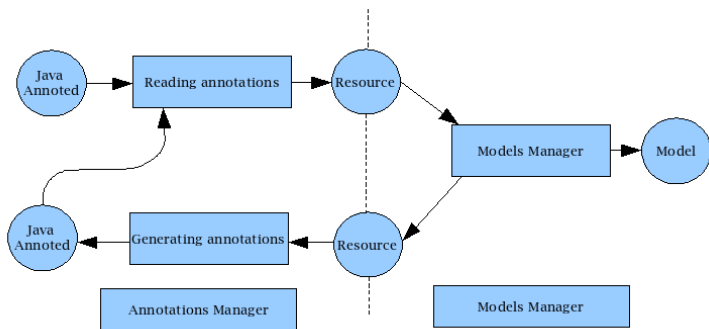
Managing Annotations with APT

1st version

- Annotation library
- Factory, a Processor and a Visitor
- extract localisation of annotations and creates a map
Package.ExampleClass:: public void method ()

Models used





Managing Annotations with APT

- Old annotation set
- Variant CCMM in ecore
- problem between jdt-apt and model manager
- hard coded treatment of annotations
- hard coded and buggy code generation (skeletons)

Managing Annotations with Recoder

- Getting the annotations with the structural part
- Writing annotations with knowledge of existing code

