ECONET Project

Behaviour Abstraction from Code
Filling the Gap between Component Specification and Implementation

Working sessions

Second plan

Cluj - september, 21-24 2008

Workshop 2008 (schedule)

Workshop Schedule Overview

1. Assessment
   - Sunday $\Longrightarrow$ Metamodels (chair: Vladiela)
   - Monday $\Longrightarrow$ Process B - Structural Abstraction (chair: Gilles) + Process A - Behaviour Abstraction (chair: Tomas)
   -
   - Wednesday $\Longrightarrow$ Demos, tutorials
2. Organisation
   - Tuesday $\Longrightarrow$ Project continuation and publication (chair: Frantisek) + Social Event
   - Wednesday $\Longrightarrow$ Coordination, Planning, Roadmap (chair: Pascal)
3. Contribution
   - Wednesday $\Longrightarrow$ CCMM validation, Experimentation assessment, technical discussions
   - Wednesday $\Longrightarrow$ Task, Responsabilities, Perspectives

More details on the Workshop Wiki
http://www.lina.sciences.univ-nantes.fr/coloss/wiki/doku.php?

Working Session Roadmap

1. Project Continuation and Publications
2. Demos, tutorials
3. Application Integration (solve API and interface problems) and Experimentations on the case study
4. Discussions Tools and techniques
5. Definition of the tasks and responsabilities
6. Production

Project Continuation and Publications

- Continuation *find/define a new collaboration context on a new project*
  - *National*
  - *Multipart*
  - *European*
- Publication *target conference and start writing* (step by step)
  - *RE conference and workshops* WCRE (year), CSMR (month)
  - *CBSE conference and workshops* FACS, CBSE, WCOP (year)
  - *MDE conference and workshops* OCL/MoDELs (year)
  - other SE conference and workshops (ICSE - late), verification (ICST - late), code or Java (ICSM - year), architecture (ECSA year)

(optimistic) Goal of day 3 = Clear agreement on the targets

Demos, tutorials

- Metamodel
- Process A
- Process B

maybe to early for the processes

Integration and Experimentations

- How to get a RE application ?
    - Code structuration
    - Application coordination (plugins...)
    - Solve API and interface problems
- How to test the application ?
    - Experience feedback
    - Component Model instanciation
    - Tools coordination
    - CoCoME Test1 benchmark

Goal of day 4 = organize the implementation means

Tools and techniques

- Discussions on Tools and techniques
    - Experience feedback
    - Tools coordination
- Model Management
    - EMF, OCLE, oAW...
    - Rule based systems, checking
    - Compatibility
    - ...
- Re-engineering techniques
    - Java Compilers and Analysers
    - Patterns, rule based systems
    - Used notations and Intermediate layers (models)
    - ...

Definition of the tasks

- What to do ? on the project architecture
    - Metamodel
    - Process A
    - Process B
- Contributions ? a subset of
    - Common Metamodel definition
    - Annotation language definition (input of process A)
    - Tools Prototypes for Metamodel verification, Process A, Process B
- Integration
- Planning deadlines
    - Workshop Cluj report
    - Project Final Evaluation (november 2008 ?)
    - Publications and leaders
    - New project submission

(optimistic) Goal of day 4 = each participant has a somewhat clear idea of what he will do

Production

- Workshop Report
    - Collect paper and slides each chair
    - Summary of the discussions
- + Bibliographical Notes
- ⟹ project plan for the end of year 2 and *Evaluation*
- Fix the participants objectives
- Documentation, research reports
- Publications (plan) and leaders

see also the initial 'Second year objectives'

Working Session Organisation

- Plenary sessions ?
- Discussion groups again ?
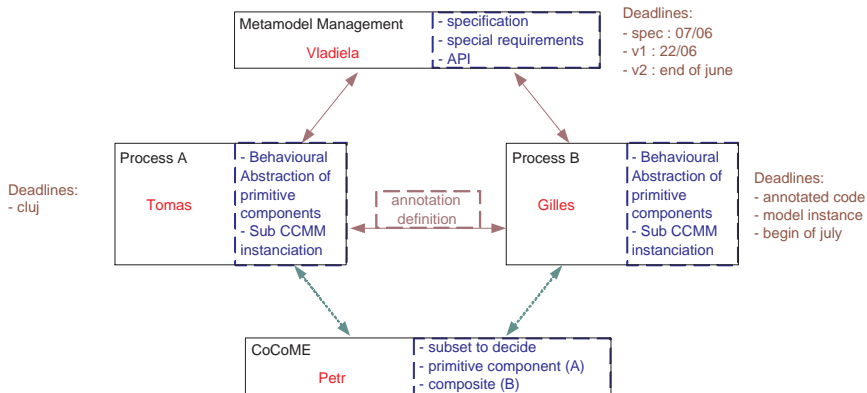
Workshop Organization

Thanks to the organisers for the social event !
Multumesc.

Back to the working session...
Try to advance on

- the continuation
- the integration
- the task and responsabilities
- the experimentations

Task/responsabilities

- continuation
- the integration
- publication
- reports + assesment

Workshop Organization

Please send me the slides or put them on the Wiki !

Multumesc.

La revedere