

Component-based Software Development

Lecture No. 13

6th Homework

Outline of the Lecture

- 6th homework
- Status and presentation of 5th homework

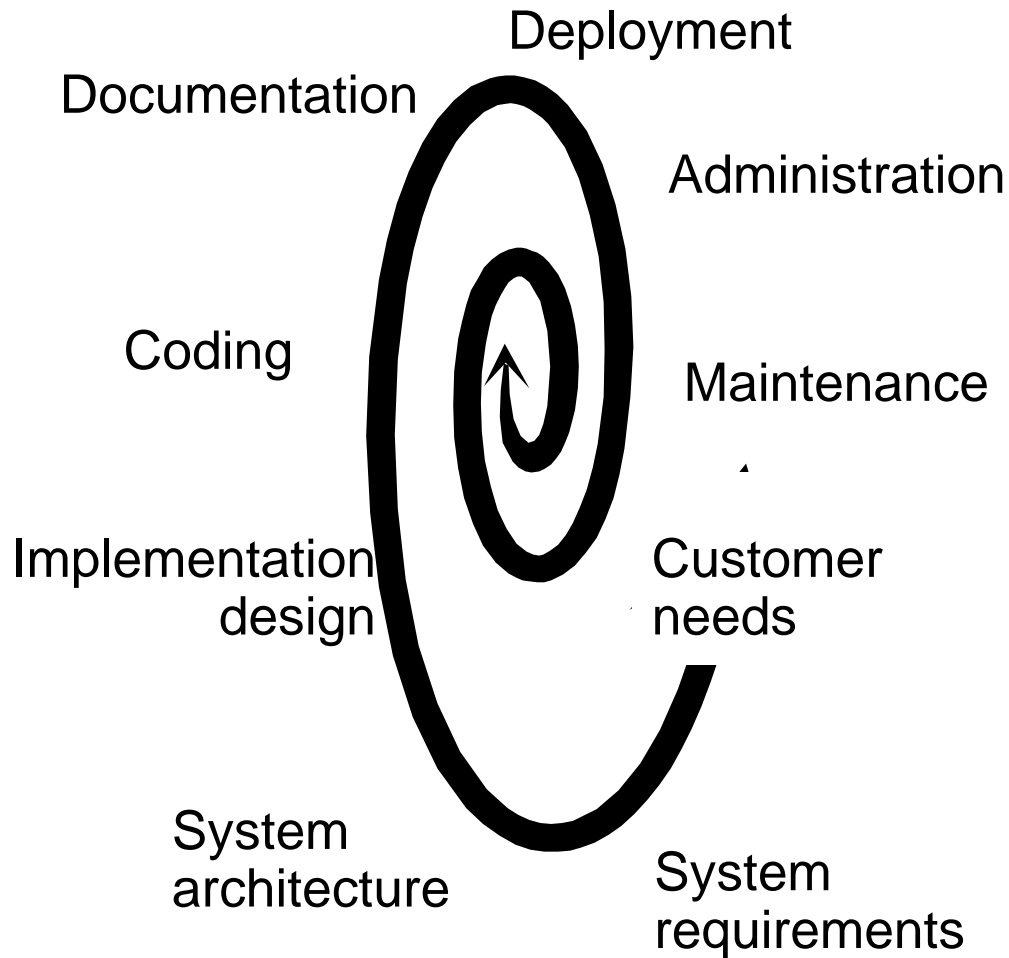
6th Homework

- Remember the 5th homework delivery!!!
 - 14.05.2006, 14:00 EET
- 8 people, 4 groups
 - Update page
- Possible change of Filter WS from RPC literal to document literal?

Functionality

- Retriever
 - Retrieve different types of content
 - HTML (A + C), Images (B), PDF (D), Retriever (e.g. binary, ...; all)
 - EJB
- Filter
 - Filter content, based on rules
 - Rule Management (incl. client for mgmt. IF; A), HTML (B + D), other content (C), Filter (e.g. metrics, ...; all)
 - EJB + WS + Java
- Dump / UI components
 - XHTML (A), FS Dump (C + D), MIDP (B)
- Security QA
 - Authentication of all involved components, as well as user
 - Common interfaces for all components
 - Itself a (separate) dummy component (A)

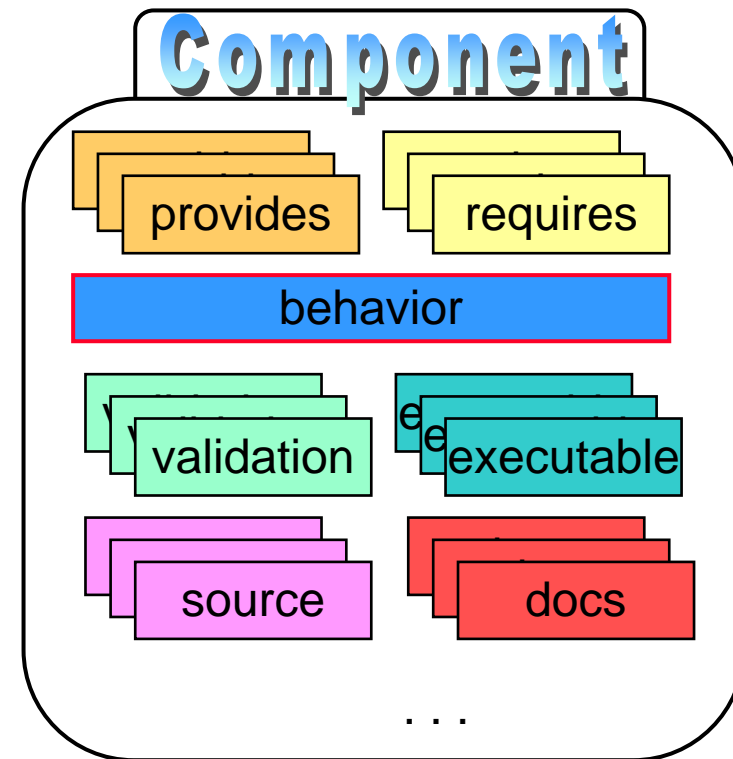
Task



- Is it clear what you're supposed to do?
 - Requirements revision?
 - Questions until Sunday, 07.05.2006, 12:00 EET
 - Check the required functionalities and follow them (previous homework)
 - Components need to be exchangeable / cannot rely on specific component implementations (e.g., filter – conversion)

Task

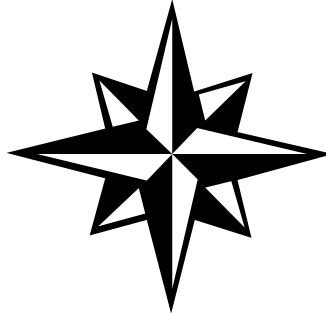
- Component description
 - Operations / Interfaces / Services
 - Part of implementation design
 - Components / environment
 - Behavior
 - Conditions, QAs, ...
 - Component specification (English is fine)
 - ...
- What else can belong to a component?
- Furthermore: Documentation of re-use
 - Which extensions / re-use did you take into account?
 - Which CM dependencies are there? Porting strategy?



Delivery

- Email!!! to me
 - Sunday, 04.06.2006, 23:59 EET

Questions?



Next Time

- 05.05.2006
 - 16:00-19:00, A111
 - Exam
 - Good luck

**There are 10 different types of people in this world.
Those who understand binary and those who don't.**