## Application Development for Mobile and Ubiquitous Computing

## Image Scaling Web Service 2nd Presentation

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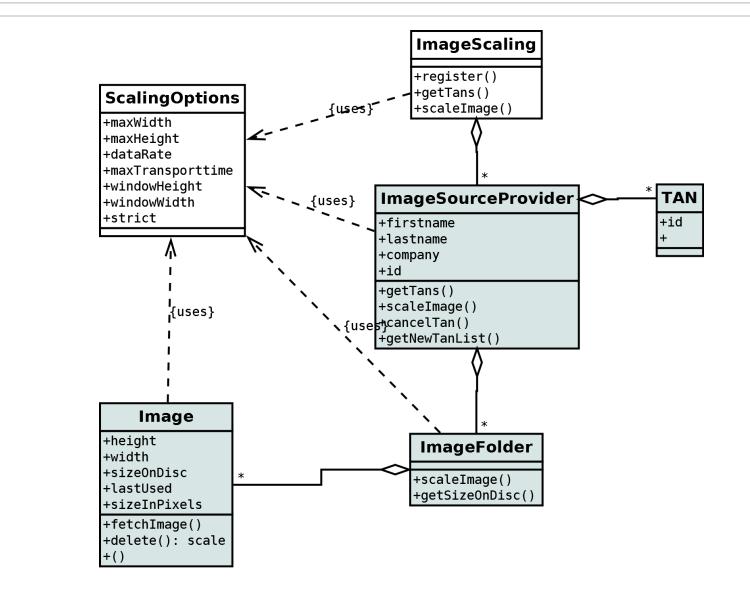
- We build a web service for providing an easy to use image scaling tool for web applications.
- The basic idea is to design a reusable component accessible and configurable both by rather simple front-end technologies as HTML and modern ones like RIAs using SOAP to retrieve data.



## Apache Tomcat

Access	Web-Service with axis2	HTTP-Servlet
Business Logic	java.awt.Graphics2D	
Persistenc	JPA with Eclipse-Link and Derby for structural Data	Access on filesystem for imagefiles

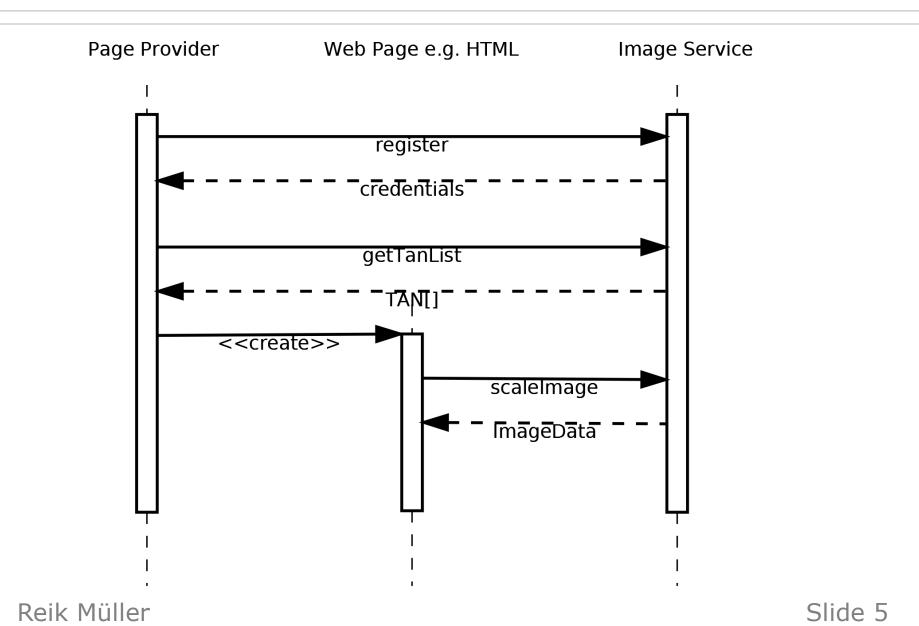




Reik Müller

Slide 4







- Solve a problem with the JPA
- HTTP-Servlet
- Timer-Task to delete not used Images
- Test environment



Summary

- Problems to connect SOAP- and Servlet-approach
- Operations on the file-system produce inconsistency but this will probably corrected by the system itself
- TAN-process maybe not useful  $\rightarrow$  change a bit?