

Softwarekonstruktion - Exercise 1

1 Software Architectures and Architectural Styles

This exercise should be solved until Friday, October 22nd, 2010.

1.1 Architectures

- 1.1.1 *What is an architecture? For what do we use it? What are its basic elements?*
- 1.1.2 *By which means do we represent an architecture? Do we use the same as for architectural styles?*
- 1.1.3 *Why are "only properties of components that are externally visible" described? Does this suffice for an architecture?*
- 1.1.4 *Of how many architectures does a software consist? And how many structures form an architecture?*

1.2 Architectural Styles

- 1.2.1 *What is an architectural style?*
- 1.2.2 *Into which classes of software systems do we classify architectural styles? Choose a representative and explain its meaning.*