

10. Lecture's Summary

Architectures for Practice: Whole Instrumentarium for

- ❑ Maintenance
 - expressing old “architectures“, reverse engineering, reengineering, architectural transformations, wrapping old applications
- ❑ Reuse and system families
 - global built plan, configuration, reuse libraries, basic layers, generating specific parts
- ❑ Building the “right“ system

Different Forms of Architectures

- According to different system classes, in the framework of one approach
 - » batch systems ↔ embedded systems
- Not one architecture but different forms
 - » logical architecture
 - » distribution
 - » concurrency aspects
 - » architectural transformations due to efficiency
- Handcrafted architectures vs. system families

Deep Knowledge

- Application domains
 structure classes
 - Main strcture classes
 - » batch systems
 - » interactive systems
 - » embedded systems
- } discussed by small and big examples