80 SEW - Conclusion

Prof. Dr. rer. nat. Uwe Aßmann

Institut für Software- und Multimediatechnik

Lehrstuhl Softwaretechnologie

Fakultät für Informatik

TU Dresden

http://st.inf.tu-dresden.de

Version 12-1.0, 26.01.13

1

Softwareentwicklungswerkzeuge (SEW) © Prof. Uwe Aßmann

Central Theses of the Course

2

Technical Space Bridges are important for heterogeneous software development
Technical Spaces do have the same components and tools
Model mappigs for Quality Management
Generic Tools (Abstract Interpretation, logics for analysis, GRS for transformation
Tool Construction and -Generation
Metamodels

Engineering of Technical Spaces

3

▶ Engineering of Technical Spaces is one of the most important topics of the future of software development

▶ Dresden has modern technologies and tools

- Description logics
- Invasive composition
- Metacomposition tools (Reuseware)
- Round-Trip Engineering and Role-based tools

Join us