

Úložiště komponent podporující kontrolu kompatibility (*Jiří Kučera*)

intro k DSS talku

Přemek, 31.1.2011

Methods of development and verification of component-based applications using natural language specifications.

- **Consistency in Dynamically Reconfigurable Component-Based Applications**
 - *methods to compare or match these specifications which are amenable to runtime checks (small overhead, manageable complexity).*
 - *combine the above methods with the results of simulation-based testing to perform local and global consistency checking of the deployed application.*
- **Framework for Simulation of Components**
 - *methodology for internal tests of real SW component, focused on verification of components according to their specification.*
 - *scenarios for testing of QoS properties (such as memory consumption, memory leaks, speed, time to response etc.) to enable to select most suitable component and prepare interface for these tests into simulation framework.*

