## Visualization of Quality Attributes on Software Architectures

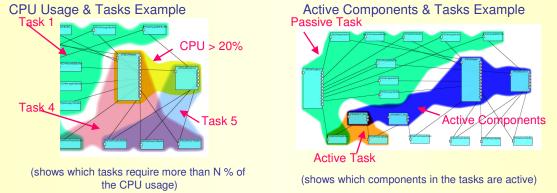




rijksuniversiteit groningen



## **Analysis/Visualization Framework** Design Pre-Design Model - supports the visualization of the Phase SW 51 Mapping SW/HW component-based software system Repository НW Component architecture combined with the quality Л attributes of its components Design Specification ĺÌ Ŷ - is integrated with software system Prediction Visualization design and analysis tools to complete ¢ Design Model Composer AOI the design/refactoring process Visualizer Predicted QA Model 5 Simulator **Trust Levels Example** Large System Example trust level 1 trust leveL0 trust level 2 trust level 1 & 2 (shows the division of the system on the trust levels) (an extraction from the industrial C++ source code) **JPEG Decoder Case Study CPU Usage & Tasks Example** Active Components & Tasks Example





Trust4All Consortium Partners Nokia, Solidtech, VTT, ESI, IKERLAN-Electrónica, FAGOR Electrodomésticos, Robotiker, Visual Tools, CWI, Eindhoven University of Technology, Leiden University, Oce, Philips, Telematica Instituut

