Name: MBASE EPG II

Presenter(s): Apurva Jain, USC-CSE

Objective: Demonstrate practical and efficient means to generate electronic process guides for the developer community in any given paradigm.

Rationale: Process modeling and representation has been the essence of the decade. Voluminous use of USC-CSE’s MBASE Process in student projects was an inspiration for the center to represent processes in an electronic fashion by cutting on paper load and leveraging on time & effort by providing effective navigation.

Target Users: Software Engineering Staff, namely Process Authors for the development of EPG and Process Enactors for the use of the resultant EPG.

Project Type: MBASE EPG II is a single year project having core capabilities developed in Fall’01 as a student course project and further evolution by USC-CSE’s research personnel.

Runs On: 9x/NT/Me/2000, Unix

IPR Status: Built with Fraunhofer’s Spearmint tool, however the inputs to the tool and its generated outputs are copyrighted to USC-CSE.

Technical Approach: The input is a core set of process models described in a generic process description language such as activities, artifacts, agents, tools and resources. The generated output (process guide) is a composition of HTML & Java Applets.

Developers: USC CSC1577 Team 13, Fall ’01

Future Directions: Tailoring micro processes (such as use of a specific type of cost and schedule estimation model) for teams, and sub-teams from the corporate meta process (as in the MBASE Guidelines).

Demo Description: Navigation through the MBASE Electronic Process Guide