

**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 CSCI577 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