

## Demonstration Guide - CSSE Annual Research Review 2008

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**Name:** Incremental Commitment Model - Eclipse Plug-in

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**Objective:** This plug-in is the electronic process guideline that represents the Incremental Commitment Model (ICM) process. The plug-in is an extension process framework from Eclipse Process Framework (EPF). It provides visual representation of ICM process life cycle along with the relationship between the process elements such as tasks, roles, work product, template, example and task's guidance.

**Rationale:** The primary objective of all software engineering courses is to help students learn how to develop successful software systems with good software engineering practices. Various tools and guidelines are used to assist students to gain the knowledge as much as possible. Over the last ten years, CSSE has evolved a large number of guidelines for the course. We experienced that the students are overwhelming by these large number of paper-based guidelines since the paper-base guidelines cannot be used effectively to show how a software process works. Currently, CSSE has been developing and experimenting with EPF to create the electronic guideline, which situate the ICM Guidelines. The benefit of using such tools is that it shows what the relationship is between actors, tasks, guidance tools, and work products of a software process. It also provides the representation of software process life cycle using work breakdown structure (WBS) and activity diagram. In addition, the tools allow for easier tailoring of software processes.

**Target Users:** Incremental Commitment Model guideline's user

**Run on:** Internet Explorer, Mozilla Firefox, and Netscape

**Developer:**

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