

## **Demonstration Guide**

### **22nd International Forum on COCOMO and Systems/Software Cost Modeling**

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**Name:** Incremental Commitment Model –Little JIL- Plug-in

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**Objective:** This plug-in is the electronic process guideline (EPG) that represents the Incremental Commitment Model (ICM) process by using Little-JIL language<sup>1</sup>. It provides visual representation of ICM process life cycle along with the relationship between steps, sub-steps, agents, and relationship between them.

**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 and its plug-in to create the electronic guideline, which situate the ICM Guidelines. Little-JIL, as one of the eclipse-plug-in, is picked as one of the tool to represent the software process. With its hierarchical tasks representation, the users will be able to easily understand the structure and scope of the tasks and their relationship.

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

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

**Developers:**

1. Supannika Koolmanojwong
2. Natachart Laoteppitak

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<sup>1</sup> Little JIL is a graphical agent coordination language. It is introduced by LASER (Laboratory for Advanced Software Engineering Research) of University of Massachusetts, Amherst (UMASS).