

Agile COCOMO II

Objective: Facilitate accurate comparative cost estimation of software projects.

Rationale: Agile COCOMO II was developed to reduce complexity of cost estimation using COCOMO II while providing reliable accurate cost and effort estimates.

Target Users: Project Managers, Cost Estimators, Feasibility Analysts, and Marketing personnel.

Scope: Agile COCOMO II facilitates cost and effort estimation of software projects. It uses COCOMO II.2000 as the underlying estimation model, while simplifying the estimation process by using analogies between past projects and the new projects being estimated.

Project Type: Multi-year USC-CSE research project

Developers:

Principal Investigator: Dr. Barry Boehm, Gunjan Sharman, and Michael Chuang

Student Programmers and Testers: Michael Chuang and Shaofeng Xi

Runs On: Internet Explorer 6.0+ on Windows 95/98/NT/2000/XP

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Technical Approach: All Client-side programming

Future Directions: Adding the ability to estimate schedule and Netscape functionality

Demo Description: (Tutorial on how to use program)

Cost estimation with a single cost driver/scale factor analogy, cost estimation with multiple cost driver/scale factor analogies, support for editing and deleting cost driver/scale factor analogies, and support for error handling.

Website: <http://sunset.usc.edu/cse/pub/research/AgileCOCOMO/>

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