

A Spiral Model of Software Development an Enhancement

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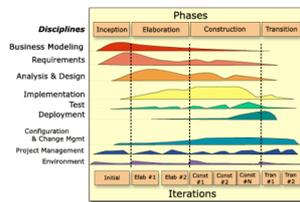
Agenda

- Why a new process model
- Spiral Model
- Advantages
- Difficulties
- The influence of the Spiral Model.

What is the main point of the article? - Spiral

- Why a new process model
 - Motivation - "The Defence Science Board Task Force Report on Military Software" issued in 1987 highlighted the concern that traditional software process models were discouraging more effective approaches to software development such as prototyping and software reuse."
- Spiral model
 - The Spiral model is candidate for improving the software process model
 - Risk – driven instead of document – driven
 - Why not document – driven ? Document-driven Standards have pushed many projects to write elaborate specifications of poorly understood user interfaces and decision support functions, followed by the design and development of large quantities of unusable code.
 - Empirical base - Spiral model is based on experience with various refined of the waterfall model

The influence of the Spiral Model



- Project management
 - Planning
- Risk Management
 - Risk Identification
 - Risk analysis
 - Risk Prioritization
 - Risk Management Planning
- RUP
