Wrap-Up: Project Management

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- SE is team-oriented, goals change over time, ...
  ...therefore planning + coordination + monitoring is a must
  - even if subject to changes
  - Common activities: specification, design, implementation, testing/validation, evolution
- Management approaches
  - Classical ("generic") methods: "plan ahead"
  - Agile methods: "embrace change"
- Bottom line: what approach to choose for my project?
  - Read the Kal Toth article (see my course pages; mandatory)

Wrap-Up: Project Management (contd.)

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- General activities: specification, design, implementation, validation, evolution
- Generic process models describe organisation of software processes
  - Ex: waterfall model, evolutionary development, component-based
  - Rational Unified Process separates activities from phases
- Iterative process models describe software process as cycle of activities
  - Ex: spiral model

WebE “Worst Practices”

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- *We have a great idea, so lets begin building the WebApp — now.*
- *Stuff will change constantly,*
  no point in trying to understand requirements.
- *Traditionally experienced developers*
  can write WebApps immediately.
  No new training is required.
- *Be bureaucratic.*
- *Testing? Why bother?*

You as a Project Manager

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- PM is first management level
  - Deep technical knowledge + leadership qualifications
- Core personal assets
  - Multitasking-capable scheduler
  - Networked, nonlinear thinking (planning, people, ...)
  - Reliable built-in logging
  - Self-motivated