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Examples of Use

- Software life-cycle: in choosing whether to build or buy, companies should consider the entire life-cycle cost of software
- Software process model: many companies are currently adapting some form of agile model of development
- Software process: organizations often standardize their software process across developments

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Common Process Models Waterfall Prototyping Iterative Spiral Agile







Implementation

- Activities: realization of the design in executable form
- Artifacts: code, makefiles, etc.
- Roles: Coder
- Integration and Testing
 - Activities: validation and verification of the implementation against requirements and design
 - Artifacts: test plan, test cases
 - Roles: tester, user (customer)
- Maintenance (really multiple distinct activities)
 - Activities: repair errors or update deployed system
 - Artifacts: bug fixes, patches, new versions
 - Roles: Architect, Coder, Tester

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