Automated software development

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August 30, 2025 — 861fb9d0

0.1 Context

0.2 Learned in this study

0.3 Things to explore

1 Overview

Software development can start at two different points: from a problem or from a solution. In the first case no existing software exist and we're trying to solve a problem. In the second case, we're trying to improve an existing solution.

- Analysis/Requirements
  - Decompose the problem into smaller problems
  - Identify the entities involved
  - Define the relationships between the entities
- Design
  - Generate a solution to the problem
  - Identify the steps to solve the problem
- Planning
  - Identify dependencies between steps
- Implementation
  - Write code
  - Review code
  - Execute code
- Test
- Debug
- Deployment
- Maintenance

2 See also

3 References