

Scrutinize the history

Scientific Management in Software Projects

- Waterfall, a logic descendant of Scientific Management
 - Winston Royce, Managing the development of large software systems, in 1970.
 - Thorough **analysis**, detailed **plan or design**, then **execution**
 - Dominated in over 30 years but never worked as expected

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Paths leading to the destination

- Booch's book on Object Oriented Design in 1991
- Cockburn's Crystal Methods in 1991
- Jams Coplien, A generative development-process pattern language in 1995
- Beedle etc, SCRUM paper, in 1995
- Kent Beck's work on XP (eXtreme Programming)
 - TDD (Test Driven Development)