

Software Development (1.2.3)

Methodology	Waterfall Lifecycle	Agile Methodologies	Extreme Programming (XP method)	Spiral Model	Rapid Application Development
Description	Each project is split into several stages Each stage is completed independently from one another in sequence Once one stage is completed it is not revisited.	Build a prototype Test it Give to the customer They give feedback Incorporate feedback Iterate	A form of agile programming Build a Feature Test it Give to the customer They give feedback Incorporate feedback Iterate (short and quick) Done as a pair Programmers swap roles so both have a good idea how the code works	Each project is split into several stages Each stage is completed independently from one another in sequence Focus on risks and uncertainties at each stage Iterate	A form of agile programming Build a Prototype Test it Give to the customer They give feedback Incorporate feedback Iterate (short and quick) Done as a pair Programmers swap roles so both have a good idea how the code works

- Time
- Money
- Teams (Easy to manage large teams?)
- Project Size
- Do clients know the requirements?
- Will clients change requirements?
- Are Clients involved?
- Programmer Intensity

Programming Constructs

- Sequence
- Selection
- Count-Controlled Iteration
- Condition-Controlled Iteration