

Agile @ Autodesk



What is Agility?

A collection of **values**, **principles** and practices that foster **squad communication** and **feedback** to **regularly deliver** customer **value** through **working software**.

Agile is not a **Process**, it's a **Mindset**

How we create a Quality Focus for Agility

Best Practices	Culture & Mindset	Metrics
Evolved over time ("current" best practices) to allow for learning Driven by sharing of lessons learned through successes & failures	Kaizen for Continuous Improvement Psychological Safety Agile @ Every Level	Data used to measure effectiveness of outcomes Science-based hypothesis & experimentation

What are Agile Values & Principles?

Agile values and principles are described by the Agile Manifesto. The Manifesto states:

We are uncovering better ways of developing software by doing it and helping others do it.

Through this work we have come to value:

Individuals and Interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

That is, while there is value in the items on the right, we value the items on the left more

In addition to the values, the Manifesto describes 12 principles of Agility:

1: Our highest priority is to satisfy the customer through early and continuous delivery of valuable software .	2: Welcome changing requirements , even late in development. Agile processes harness change for the customer's competitive advantage.	3: Deliver working software frequently , from a couple of weeks to a month, with a preference to the shorter timescale.
4: Business people and developers must work together daily throughout the project.	5: Build projects around motivated individuals . Give them the environment and support they need, and trust them to get the job done.	6: The most efficient and effective method of conveying information to and within a development team is face-to-face conversation .
7: Working software is the primary measure of progress.	8: Agile processes promote sustainable development . The sponsors, developers, and users should be able to maintain a constant pace indefinitely.	9: Continuous attention to technical excellence and good design enhances agility.
10: Simplicity--the art of maximizing the amount of work not done --is essential.	11: The best architectures, requirements, and designs emerge from self-organizing teams .	12: At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

Scrum Framework

