

















# Agile Principles Revisited

- Agile methods **DON'T** mean deliver it now & fix it later
- Lightweight, yet disciplined approach to development
- Reduced **cost**, **risk**, & **waste** while **improving quality**

What	How	Result
Flexibility	Use lightweight, yet disciplined processes and artifacts	<b>Low work-in-process</b>
 Customer	<b>Involve customers early and often throughout development</b>	<b>Early feedback</b> 
 Prioritize	<b>Identify highest-priority, value-adding business needs</b>	<b>Focus resources</b> 
 Descope	<b>Descope complex programs by an order of magnitude</b>	<b>Simplify problem</b> 
 Decompose	<b>Divide the remaining scope into smaller batches</b>	<b>Manageable pieces</b> 
Iterate	Implement pieces one at a time over long periods of time	<b>Diffuse risk</b>
Leanness	Architect and design the system one iteration at a time	<b>JIT waste-free design</b>
 Swarm	<b>Implement each component in small cross-functional teams</b>	<b>Knowledge transfer</b> 
 Collaborate	<b>Use frequent informal communications as often as possible</b>	<b>Effective data transfer</b> 
 Test Early	<b>Incrementally test each component as it is developed</b>	<b>Early verification</b> 
 Test Often	<b>Perform system-level regression testing every few minutes</b>	<b>Early validation</b> 
Adapt	Frequently identify optimal process and product solutions	<b>Improve performance</b>

Rico, D. F. (2012). *What's really happening in agile methods: Its principles revisited?* Retrieved June 6, 2012, from <http://davidfrico.com/agile-principles.pdf>

Rico, D. F. (2012). *The promises and pitfalls of agile methods.* Retrieved February 6, 2013 from, <http://davidfrico.com/agile-pros-cons.pdf>

Rico, D. F. (2012). *How do lean & agile intersect?* Retrieved February 6, 2013, from <http://davidfrico.com/agile-concept-model-3.pdf>