

A photograph of two mountaineers climbing a steep, snow-covered mountain peak. The climbers are wearing colorful gear and carrying backpacks. The sky is a deep blue with scattered white clouds. A large purple triangle is overlaid on the right side of the image, containing the title text.

Improving Developer Productivity

Gerard van der Pol
Microsoft

The Value Delivery Cycle



Users/
Stakeholders

Define

Ideation

REQUIREMENTS

PRODUCT
BACKLOG

Develop

From Idea to
working software

Implement



Operations

Operate

Working software
in production
Value realized

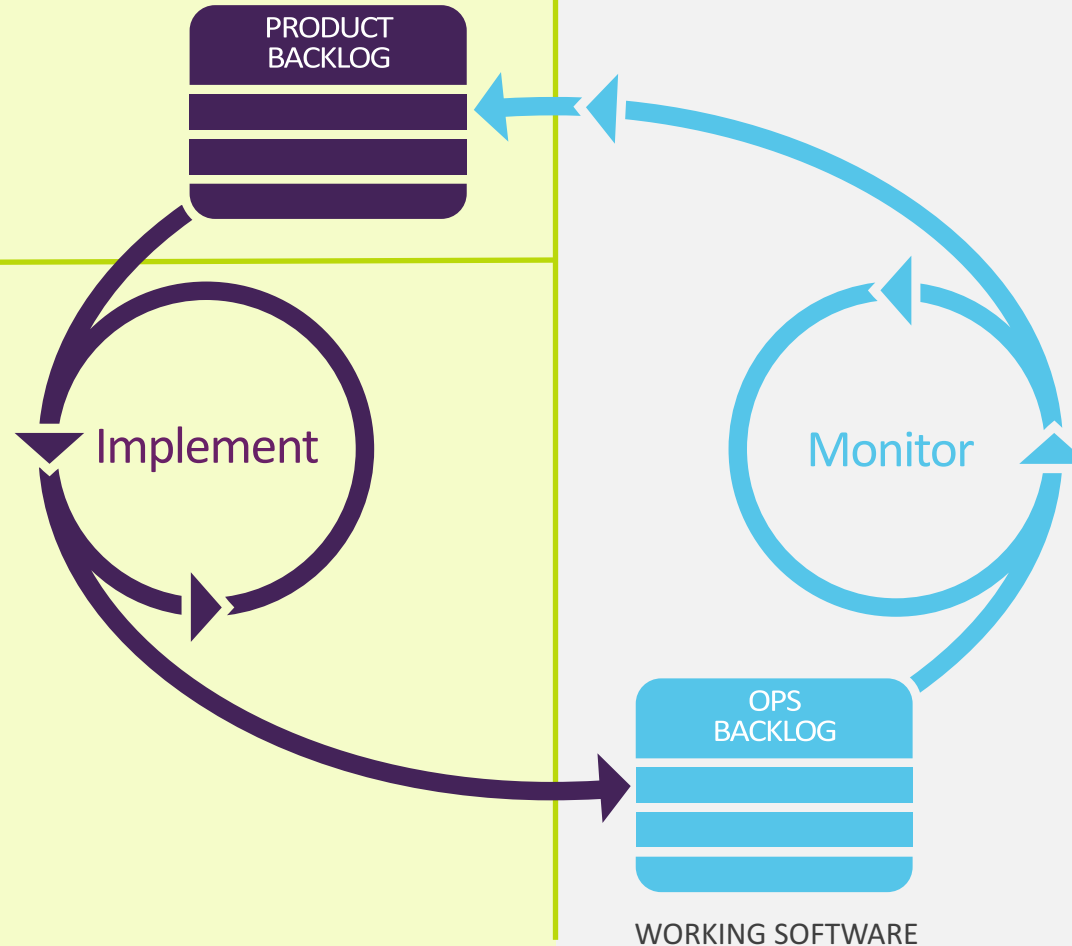
Monitor

OPS
BACKLOG

WORKING SOFTWARE



Development
& testing



VS 2012 Developer Experience

Reduction



Simplification

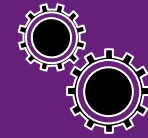


Usability



Engineering Trends

Agile
practices



Developer
services



Testing
advances



DevOps



Test Driven Development

Task Focussed

Stubs

Gated Check-in

Agile

Dependency Injection

Feedback Manager

Storyboarding

Mocks

MVC

IOC

My Work

Fakes

MVVM

Code Review

Scrum

Responsive Design

Continuous Deployment

Continuous Integration

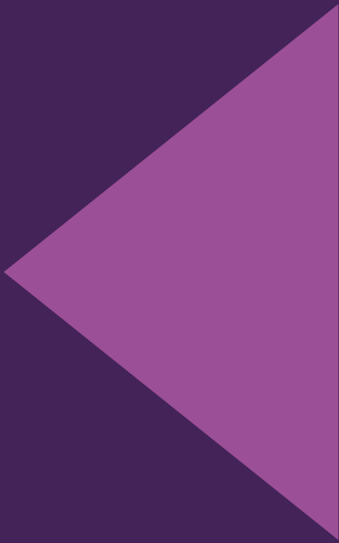
Model Driven Development

A man with long brown hair, wearing a bright yellow bicycle helmet and a black jacket, is looking back over his right shoulder. He has a grey backpack on his back. The background is a blue wall with a door.

Questions & answers



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