

Unlocking Agile Efficiency

DevOps Speedup with GIT

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“Life is really simple,
but we insist on making it complicated...”

Confucius

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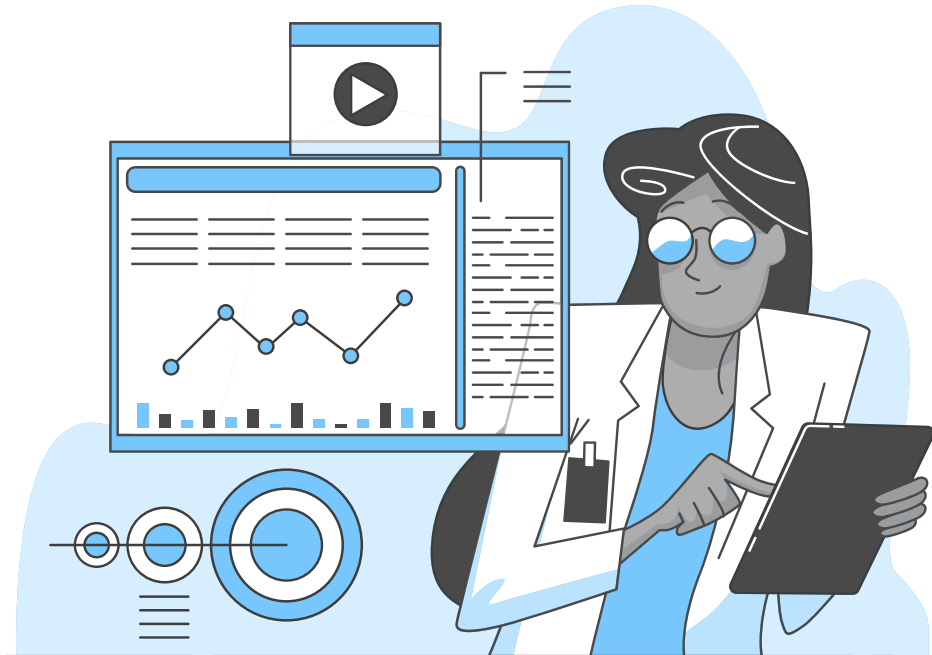
SDLC & VCS

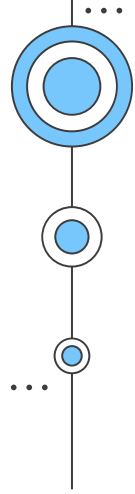
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VCS & DevOps

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DEMO

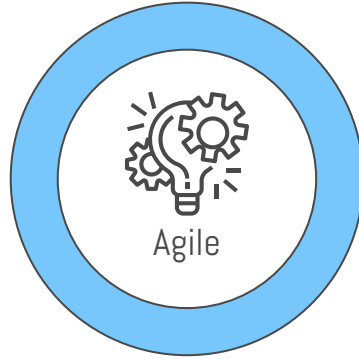




01

DevOps & Agile





Old School

Waterfall - big requirements* - big times - later customer feedback - big releases - independent teams - etc ...

Iterative - granular requirements - small times - fast customer feedback - small and quick releases - teams collaboration - etc ...



The Agile Manifesto's core values

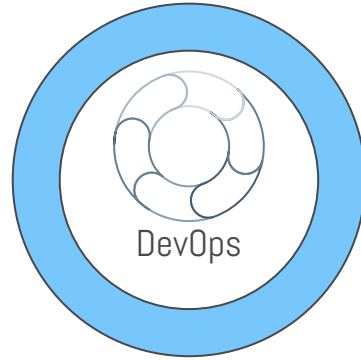


Individuals and interactions
over processes and tools

Customer collaboration
over contract negotiation

Working software
over comprehensive
documentation

Responding to change
over following a plan



Agile our base

Iterative - granular requirements - small times - fast
customer feedback - small and quick releases -
collaboration - etc ...

...

CALMS

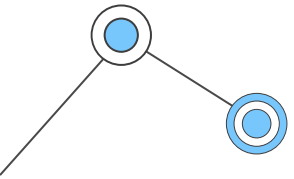
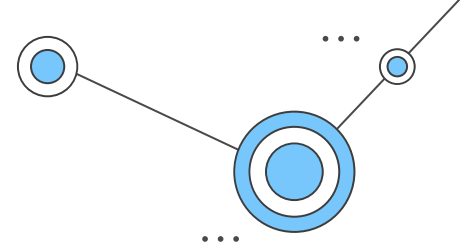
automation

culture

lean

measure

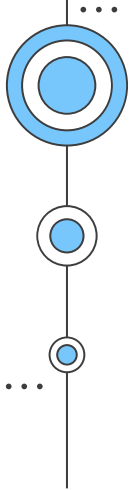
share



02

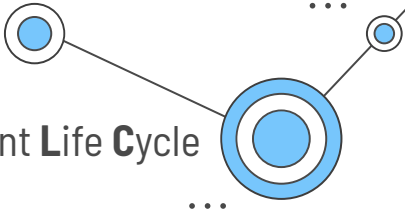
SDLC

VCS



SDLC

Software Development Life Cycle

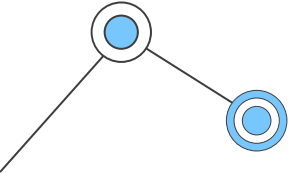
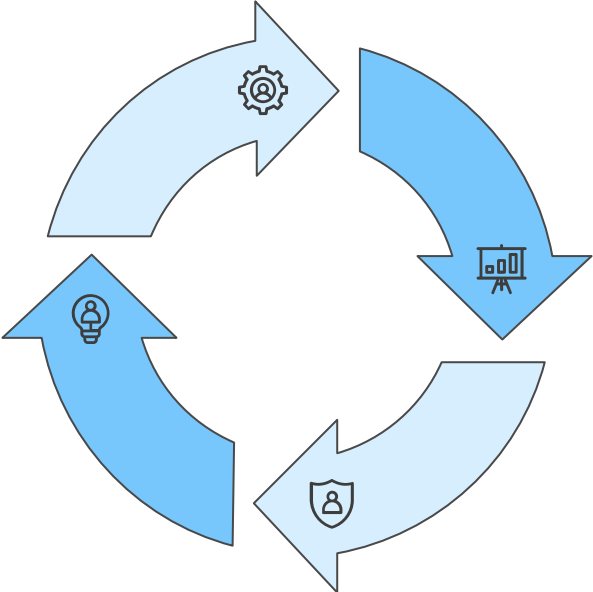


Testing

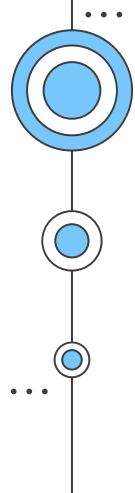
Requirements analysis

Implementation

Design

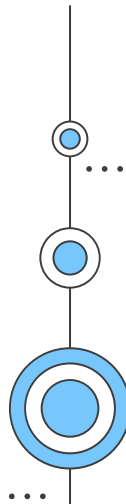
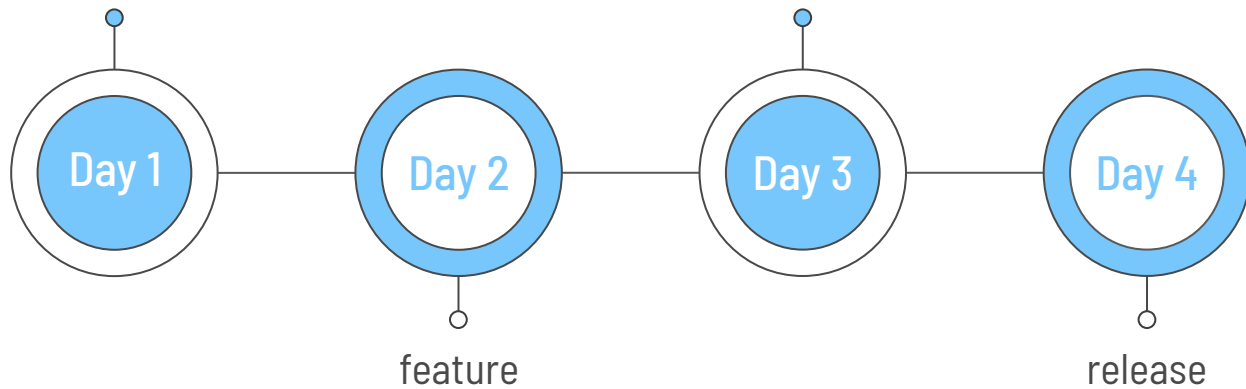


VCS



master/main

bugfix





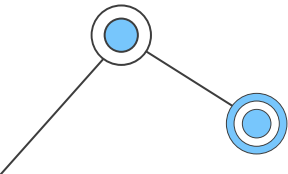
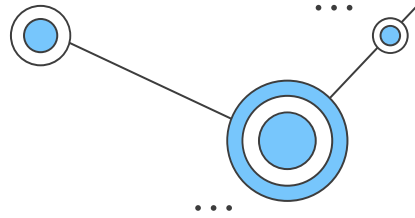
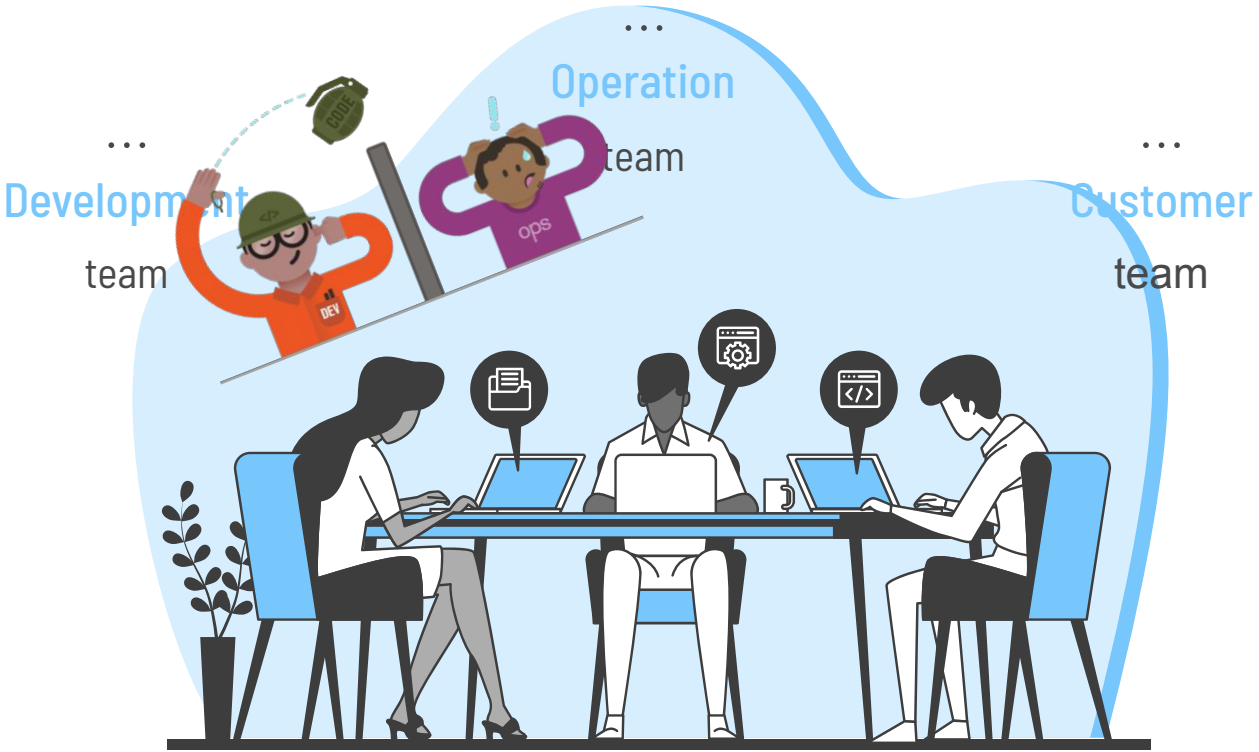
03

VCS

DevOps



DevOps



Collaboration between teams





04 DEMO

DevOps



DEMO

Disclaimer

!Please don't execute this on production!



<https://github.com/jthan24/conf42-2024-devops-agile-efficiency-git>

Brief summary

Agile

VCS (Version Control System)

DevOps

How DevOps support SDLC over VCS

SDLC (Software Development Life Cycle)



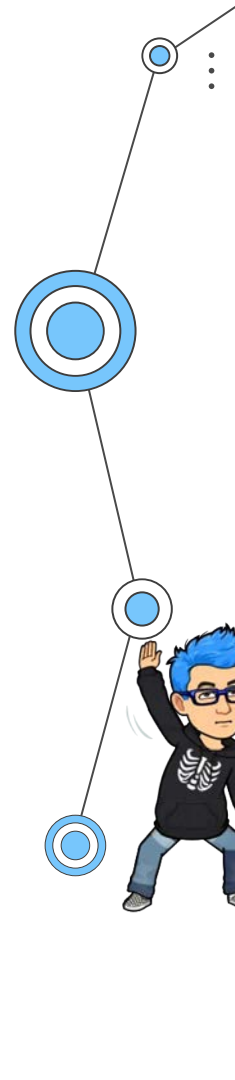
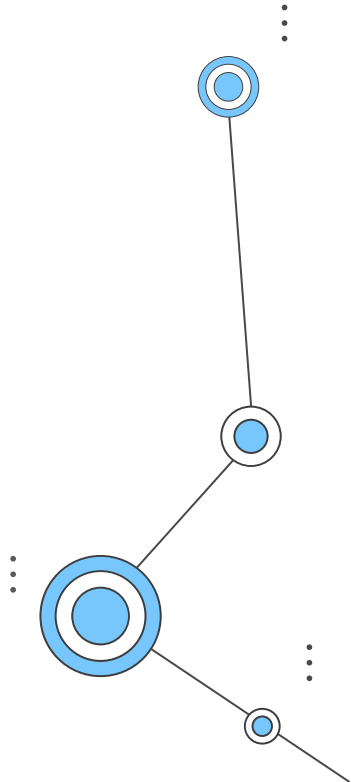
Thanks!

Do you have any questions?

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