
DevOps WIKI

Welcome to the DevOps Project Wiki. You will find lots of valuable information in this wiki with regards to process, procedures, ways of working and technical details. Please feel free to start a new section and we strongly encourage all teams to maintain their documentation here.

Projects Use cases

Use Case 1

- Use Case1 explanation

Use Case 2

- Use Case2 explanation

Use Case 3

- Use Case3 explanation
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Phase 1

Phase 1 of this use case looks at defining a good networking strategy...
Networks should be defined as:

Network Classes

The following table shows how many networks are available per class:

Class	Subnet	No. of Networks
A	255.0.0.0	126
B	255.255.0.0	16,384
C	255.255.255.255	2,097,152

Network Security

Networks security rules should be defined...

Routes

The following routes need to be published:

- X
 - Y
 - Z
-

Developers Quick Links

Below are some of the key documents and links that all developers should be familiar with before starting to contribute to this project.

DevOps Ways of working

The following are some of the key wiki pages to get familiar with.

1. [Branching Strategy](#)
2. [Repository Structure](#)

Requests

Please find below email contact details for DevOps assistance.

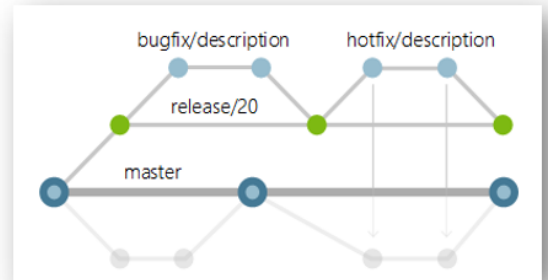
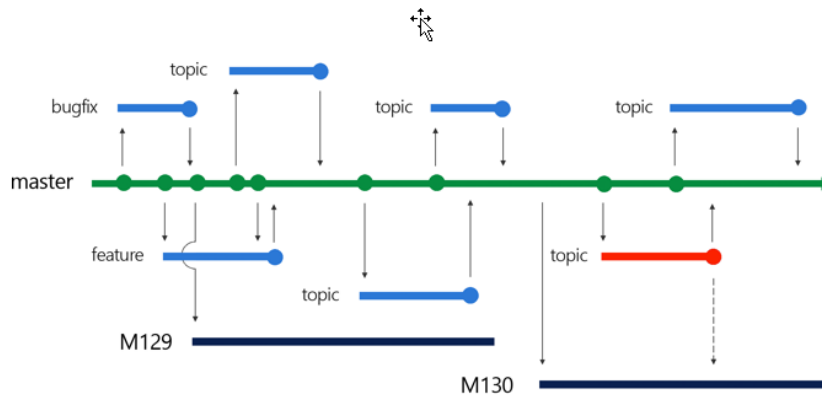
- [Pwd9000](#)
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Branching Strategy

Trunk Based Branching

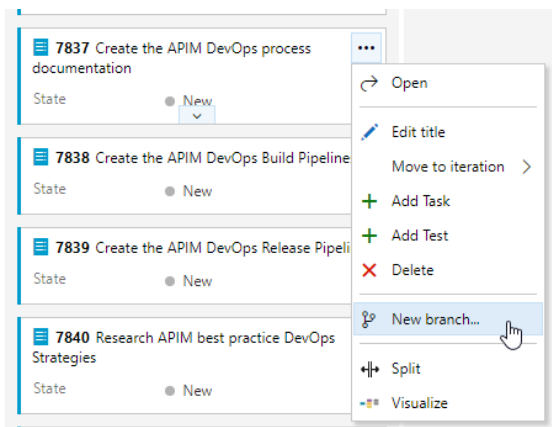
A source-control branching model, where developers collaborate on code in a single branch called ‘trunk’ *, resist any pressure to create other long-lived development branches by employing documented techniques. They therefore avoid merge hell, do not break the build, and live happily ever after.

Branching Strategies (Back-end) – Trunk Based (here shown with release branches)



Best way to create branches

Branches can be directly associated with PBI. This also means that you can automatically complete PBI's when completing a PR too. To get all this goodness, it's best to create a new branch is by using the menu in the PBI itself.



Branch Naming

The branch names should reflect the type of branch and the PBI or purpose wherever possible. Please use one of the following:

{prefix}/{type}/{name}/{thing}

example:

feature/nonprod/hannah/rbac-permissions

Prefixes

feature/

Types

/prod/
/nonprod/

Short Lived Branches

It is important to not leave branches lying about. We will have an active program of removing stale branches, but it's best to tidy up after yourself first. Releases should be made from 'Main' and features and bugfixes should not last longer than a couple of sprints.

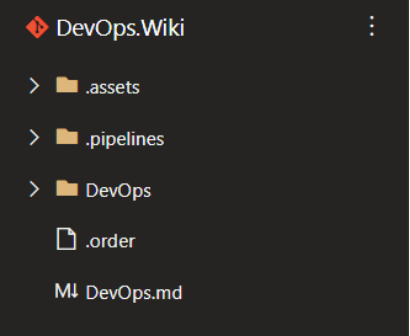
Repository Structure

DevOps Wiki Repo

The DevOps Wiki repo for documenting this project is called: [DevOps.Wiki](#)

Folder/Path Structure

The following is guidance. Please follow and check for consistency before making any new folders or repo paths



Folder/Path	Purpose
.assets	Location of any assets used in wiki (e.g. image files)
.pipelines	Location of pipelines (e.g. WIKI-To-PDF)
/DevOps	Root path of Wiki

Please note that any path starting with ". " is used for assets or pipelines. The main wiki root path is /DevOps.
