



Engineering Practices

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Agenda

What is Git?

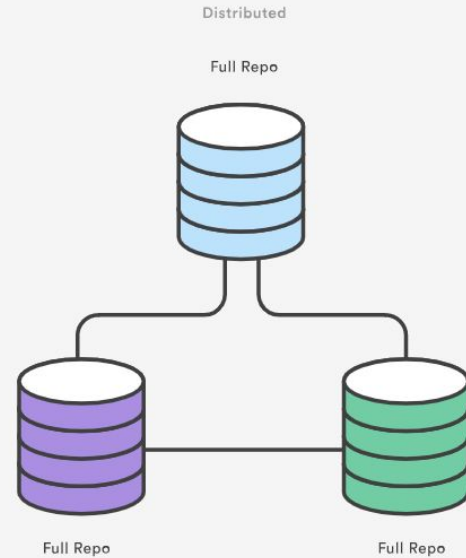
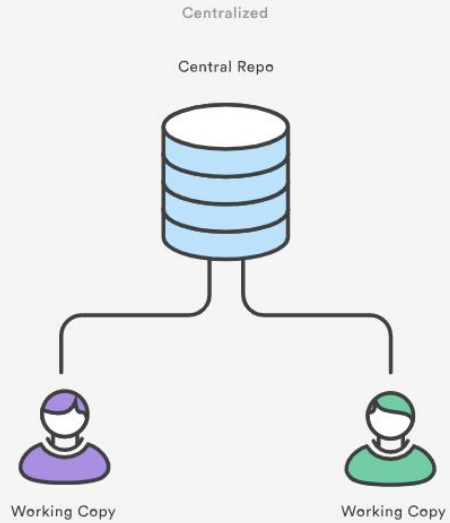
Pitfalls/Proper Commits

Branching

Collaboration

Q/A

What is Git?



Pitfalls

- Not feature branching
- Committing directly to source branches (e.g. - develop)
- Large, unorganized commits`
- Generic commit messaging

Proper Git Commits

Benefits:

- Easier reviewing of large code changesets
- Create logically, grouped commits
- Include JIRA# for trackability purposes

Example of Commit Practice

<https://github.com/KogAtlas/test-react-app/pulls>

Bad commit messages

f46658bd765	test2	10 Mar 2022
3df7f68a849	test1	10 Mar 2022
b8e335d1441	jules	10 Mar 2022
ab9657aa917	removed sid	10 Mar 2022
3e69e72c935	test11	10 Mar 2022
debffe5df48	test10	10 Mar 2022
76ffddf4143	test9	10 Mar 2022
bc234ce44e0	added ls	10 Mar 2022
b0d3e2234d0	added sed	10 Mar 2022

Proper commit messages

1b0f13e3e34	PAYADM2-2369: Add test cases for environment configs	22 Mar 2022
8a042cca1d0	PAYADM2-2369: Add favicon to static pages	22 Mar 2022
0c51741b977	PAYADM2-2369: Remove extra img tag	22 Mar 2022
61ba70e0543	PAYADM2-2369: Fix static error pages	22 Mar 2022
336b8bfa300	M Merge pull request #54 in PAYADM/payadm-mfe-root-config from feature/auth to develop * commit '9983a37b9	21 Mar 2022
9983a37b94c	PAYADM2-2369: Update import map	21 Mar 2022

Branching Models

Fork Model

Reduces noise - less feature branches to clean up in the main repo

Encourages innovation and POC

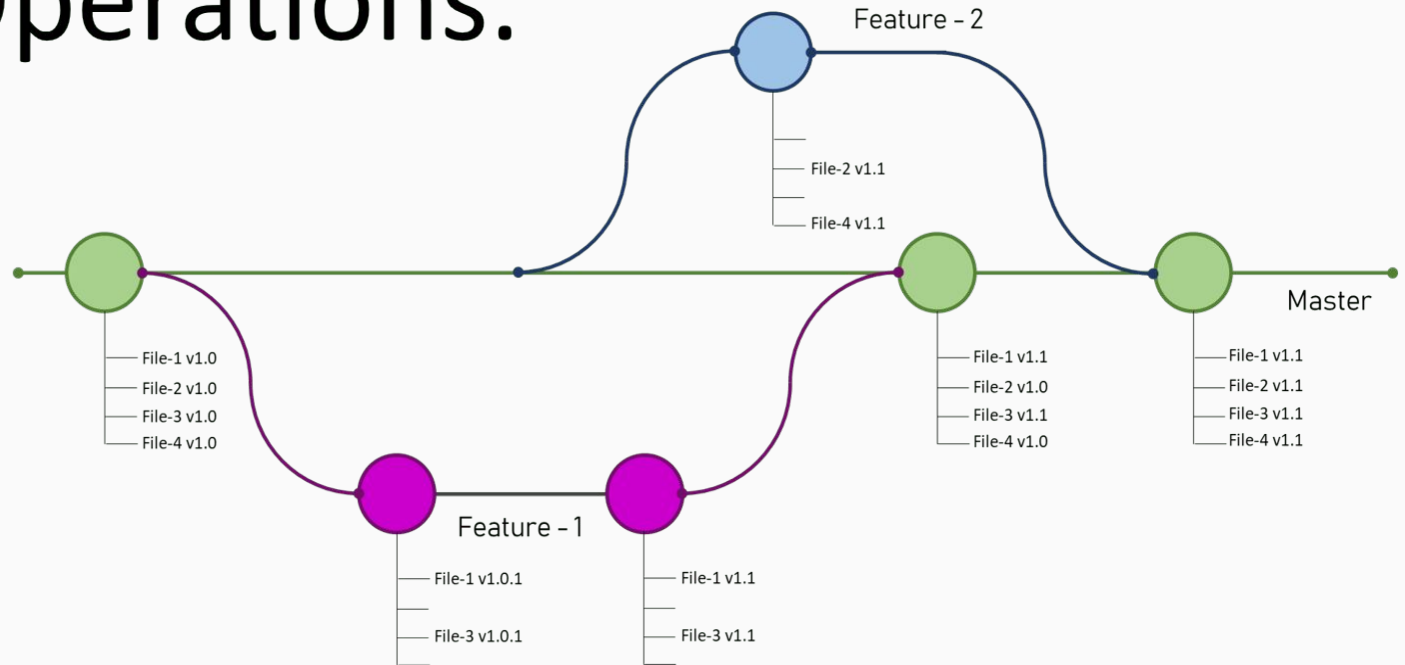
Keeps changes private until you're ready to merge it

Feature Branch Model

Quick and easy setup

Able to collaborate with other developers quickly

GIT Branch and its Operations.



Team Collaboration

Weekly sessions to put forth new impactful changes and also new tech findings

Helps with keeping various teams in sync

Develop presentation skills



Q/A