**What is Fast Forward Merge?**

Fast forward merge can be performed when there is a direct linear path from the source branch to the target branch. In fast-forward merge, git simply moves the source branch pointer to the target branch pointer without creating an extra merge commit.

1. Initialised empty git repository

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1. Add File1.txt to folder
2. Add file to staging directory and commit it to local directory\

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1. Create feature branch and checkout the branch

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1. Add file2 inside the folder (into feature branch) 🡪 stage it 🡪commit it

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1. checkout master branch 🡪 merge feature branch to master 🡪 notice merge happens by fast forward

Graphical user interface, text

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1. execute git log and note that there is no extra merge commit in this case

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1. Execute git log –graph and note that there will be one straight line

Text

Description automatically generated