Patching in Linux

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Patch

It is a fix.

In Unix/Linux context it is the difference between two files monitored by Patch utility.

GIT patch is a fix that can be shared without actually pushing changes to the main branch of any repository.

Unix/Linux

Patch is a Unix program that updates text files according to instructions contained in a separate file, called a patch file.

diff

Diff command is provided by Patch utility in Unix/Linux systems.

diff -u oldFile newFile > mods.diff # -u tells diff to output unified diff format

patch

Patch is a command provided by Patch utility in Unix/Linux systems.

patch < mods.diff

References

1. https://en.wikipedia.org/wiki/Patch_%28Unix%29
2. https://stackoverflow.com/questions/8279602/what-is-a-patch-in-git-version-control
3. https://www.geeksforgeeks.org/using-patches-in-git/
4. https://www.tutorialspoint.com/git/git_patch_operation.htm