

GitLab: <https://gitlab.com/UdayBhaskarSingipurapu/gitdemo>

```
MINGW64:/c/Users/Jeshni/GitDemo
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git branch
* main

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git checkout -b GitWork
Switched to a new branch 'GitWork'

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (GitWork)
$ echo "<msg>Hello from Gitwork branch</msg>" > hello.xml

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (GitWork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (GitWork)
$ echo "<msg>Updated content in GitWork</msg>" > hello.xml

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (GitWork)
$ git status
On branch GitWork
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   hello.xml

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   hello.xml

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (GitWork)
$ git commit -am "Added and updated hello.xml in Gitwork branch"
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it
[GitWork e4739ed] Added and updated hello.xml in Gitwork branch
1 file changed, 1 insertion(+)
create mode 100644 hello.xml

MINGW64:/c/Users/Jeshni/GitDemo
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (GitWork)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ echo "<msg>Hello from Main branch</msg>" > hello.xml

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git commit -am "Added hello.xml in main branch with different content"
(main f6cedb) Added hello.xml in main branch with different content
1 file changed, 1 insertion(+)
create mode 100644 hello.xml

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git log --oneline --graph --decorate --all
* f6cedb (HEAD -> main) Added hello.xml in main branch with different content
* e4739ed (GitWork) Added and updated hello.xml in Gitwork branch
* b8da357 (origin/main) Added file1 and file2 in GitNewBranch
* 3dcef65 git-ignore
* 1944c6e Add welcome.txt

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git difftool main..GitWork
viewing (1/1): 'hello.xml'
Launch 'p4merge' [Y/n]? y

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git mergetool
No files need merging

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git merge GitWork
Auto-merging hello.xml
CONFLICT (add/add): Merge conflict in hello.xml
Automatic merge failed; Fix conflicts and then commit the result.

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)MERGING
$ git mergetool
Merging:
hello.xml

Normal merge conflict for 'hello.xml':
  [local]: created file
  [remote]: created file
error: invalid path './hello_BASE_1025.xml'
```

hello.xml and hello.xml - Perforce P4Merge

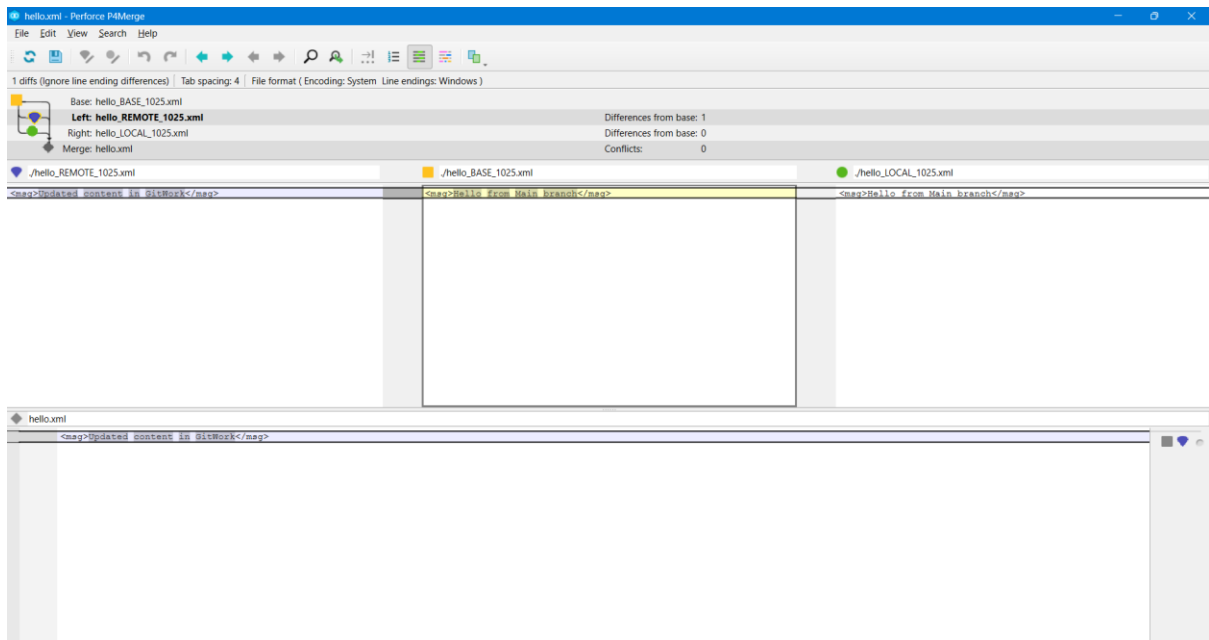
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1 diffs (ignore line ending differences) | Tab spacing: 4 | Encoding: System

C:\Users\Jeshni\AppData\Local\Temp\git-blob-b22192\hello.xml

C:\Users\Jeshni\AppData\Local\Temp\git-blob-b22192\hello.xml

msg?Updated content in GitWork</msg>



```
sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main|MERGING)
$ git add hello.xml

sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main|MERGING)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
  modified:   hello.xml

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  hello.xml.orig

sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main|MERGING)
$ echo "*.orig" >> .gitignore

sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main|MERGING)
$ git add .gitignore
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main|MERGING)
$ git commit -m "Resolved merge conflict and added merge backup files"
[main 7d4990c] Resolved merge conflict and added merge backup files

sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  hello.xml.orig

nothing added to commit but untracked files present (use "git add" to track)

sachin@JESINI-SIMACHALAM MINGW64 ~/GitDemo (main)
$ git log --oneline --graph --decorate
* 7d4990c (HEAD -> main) Resolved merge conflict and added merge backup files
* e4739ed (GitWork) Added and updated hello.xml in GitWork branch
* f6ceebd Added hello.xml in main branch with different content
* b8da357 (origin/main) Added file1 and file2 in GitNewBranch
* 3dcef65 git-ignore
* 1944c6e Add welcome.txt
```

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git push
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (10/10), 1.03 KiB | 1.03 MiB/s, done.
Total 10 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/UdayBhaskarSingipurapu/gitdemo.git
   b8da357..7d4990c  main -> main
```

gitlab.com/UdayBhaskarSingipurapu/gitdemo

Uday Bhaskar / GitDemo

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GitDemo

main gitdemo

Resolved merge conflict and added merge backup files
Uday Bhaskar Singipurapu authored 1 minute ago

7d4998c3 History

Name	Last commit	Last update
.gitignore	Resolved merge conflict and added m...	1 minute ago
file1.txt	Added file1 and file2 in GitNewBranch	1 hour ago
file12.txt	Added file1 and file2 in GitNewBranch	1 hour ago
hello.xml	Resolved merge conflict and added m...	1 minute ago
welcome.txt	Add welcome.txt	1 day ago

Project Information

- 6 Commits
- 1 Branch
- 0 Tags
- 2 KiB Project Storage
- + Add README
- + Add LICENSE
- + Add CHANGELOG
- + Add CONTRIBUTING
- + Enable Auto DevOps
- + Add Kubernetes cluster
- + Set up CI/CD
- + Add Wiki
- + Configure Integrations

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