Windows PowerShell

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PS C:\Users\mdagl> git

usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]

[--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]

[-p | --paginate | -P | --no-pager] [--no-replace-objects] [--no-lazy-fetch]

[--no-optional-locks] [--no-advice] [--bare] [--git-dir=<path>]

[--work-tree=<path>] [--namespace=<name>] [--config-env=<name>=<envvar>]

<command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)

clone Clone a repository into a new directory

init Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)

add Add file contents to the index

mv Move or rename a file, a directory, or a symlink

restore Restore working tree files

rm Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)

bisect Use binary search to find the commit that introduced a bug

diff Show changes between commits, commit and working tree, etc

grep Print lines matching a pattern

log Show commit logs

show Show various types of objects

status Show the working tree status

grow, mark and tweak your common history

backfill Download missing objects in a partial clone

branch List, create, or delete branches

commit Record changes to the repository

merge Join two or more development histories together

rebase Reapply commits on top of another base tip

reset Reset current HEAD to the specified state

switch Switch branches

tag Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)

fetch Download objects and refs from another repository

pull Fetch from and integrate with another repository or a local branch

push Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some

concept guides. See 'git help <command>' or 'git help <concept>'

to read about a specific subcommand or concept.

See 'git help git' for an overview of the system.

PS C:\Users\mdagl>

PS C:\Users\mdagl> dir

Directory: C:\Users\mdagl

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 3/11/2024 5:06 μμ .eclipse

d----- 3/11/2024 9:26 μμ .p2

d----- 5/11/2024 9:26 πμ .vscode

d-r--- 29/10/2021 5:24 μμ 3D Objects

d----- 3/11/2024 8:30 μμ bin

d----- 2/3/2023 6:17 μμ Cisco Packet Tracer 6.2sv

d----- 23/3/2023 7:55 μμ Cisco Packet Tracer 8.0

d----- 11/5/2023 6:49 μμ Cisco Packet Tracer 8.2.1

d-r--- 5/11/2022 9:53 μμ Contacts

d-r--- 5/11/2024 12:40 μμ Desktop

d-r--- 11/11/2024 11:19 πμ Documents

d-r--- 11/11/2024 8:08 μμ Downloads

d----- 3/11/2024 8:51 μμ eclipse

d----- 3/11/2024 9:06 μμ eclipse-workspace

d----- 3/11/2024 7:54 μμ eclipse-workspace1

PS C:\Users\mdagl> cd documents

PS C:\Users\mdagl\documents> cd IDE

PS C:\Users\mdagl\documents\IDE> mkdir myrepository

Directory: C:\Users\mdagl\documents\IDE

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 13/11/2024 10:31 πμ myrepository

PS C:\Users\mdagl\documents\IDE> cd myrepository

PS C:\Users\mdagl\documents\IDE\myrepository> git init

Initialized empty Git repository in C:/Users/mdagl/Documents/IDE/myrepository/.git/

PS C:\Users\mdagl\documents\IDE\myrepository> bash

bash : The term 'bash' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the

spelling of the name, or if a path was included, verify that the path is correct and try again.

At line:1 char:1

+ bash

+ ~~~~

+ CategoryInfo : ObjectNotFound: (bash:String) [], CommandNotFoundException

+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\mdagl\documents\IDE\myrepository> git status

On branch main

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

main.c

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

PS C:\Users\mdagl\documents\IDE\myrepository> git add .

PS C:\Users\mdagl\documents\IDE\myrepository> git status

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: main.c

PS C:\Users\mdagl\documents\IDE\myrepository> git commit -m "Initial commit"

Author identity unknown

\*\*\* Please tell me who you are.

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'mdagl@LAPTOP-EDAHBG7N.(none)')

PS C:\Users\mdagl\documents\IDE\myrepository> git config --global user.email "user@gmail.com"

PS C:\Users\mdagl\documents\IDE\myrepository> git config --global user.name "Marios Daglis"

PS C:\Users\mdagl\documents\IDE\myrepository> git commit -m "Initial commit"

[main (root-commit) f54beb9] Initial commit

1 file changed, 9 insertions(+)

create mode 100644 main.c

PS C:\Users\mdagl\documents\IDE\myrepository> git status

On branch main

nothing to commit, working tree clean

PS C:\Users\mdagl\documents\IDE\myrepository> git status

On branch main

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: main.c

no changes added to commit (use "git add" and/or "git commit -a")

PS C:\Users\mdagl\documents\IDE\myrepository> git diff main.c

diff --git a/main.c b/main.c

index 7f33961..e2e8e5b 100644

--- a/main.c

+++ b/main.c

@@ -4,6 +4,6 @@

int main(int argc, char const \*argv[])

{

printf("Hello World");

- /\* code \*/

+ /\* C code examble \*/

return 0;

}

PS C:\Users\mdagl\documents\IDE\myrepository> git add main.c

PS C:\Users\mdagl\documents\IDE\myrepository> git commit -m "edit line"

[main 28b96df] edit line

1 file changed, 1 insertion(+), 1 deletion(-)

PS C:\Users\mdagl\documents\IDE\myrepository> git checkout main.c

Updated 1 path from the index

PS C:\Users\mdagl\documents\IDE\myrepository> git diff

PS C:\Users\mdagl\documents\IDE\myrepository> git status

On branch main

Untracked files:

(use "git add <file>..." to include in what will be committed)

main.exe

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

PS C:\Users\mdagl\documents\IDE\myrepository>