

1. 理解绝对路径和相对路径

```
MINGW64:/
author
  Gnomovision comes with ABSOLUTELY NO WARRANTY; for
  details type `show w'.
  This is free software, and you are welcome to redis
  tribute it
  under certain conditions; type `show c' for details
  .

The hypothetical commands `show w' and `show c' should
show the appropriate
parts of the General Public License.  Of course, the co
mmands you use may
be called something other than `show w' and `show c'; t
hey could even be
mouse-clicks or menu items--whatever suits your program
.

You should also get your employer (if you work as a pro
grammer) or your
school, if any, to sign a "copyright disclaimer" for th
e program, if
necessary.  Here is a sample; alter the names:

  Yoyodyne, Inc., hereby disclaims all copyright intere
st in the program
  `Gnomovision' (which makes passes at compilers) writt
en by James Hacker.

  <signature of Ty Coon>, 1 April 1989
  Ty Coon, President of Vice

This General Public License does not permit incorporat
ing your program into
proprietary programs.  If your program is a subroutine
library, you may
consider it more useful to permit linking proprietary a
pplications with the
library.  If this is what you want to do, use the GNU L
esser General
Public License instead of this License.

14332@wind: MINGW64 /
$
```

2.

```
MINGW64:/c/Users/14332/des x + - □ ×
PrintHood@
Recent@
repo/
repo2/
'Saved Games'/
Searches/
SendTo@
Templates@
Videos/
WindowsPcManager/
'WPS Cloud Files'/
WPSDrive/
Zotero/

14332@00000000 MINGW64 ~
$ pwd
/c/Users/14332

14332@00000000 MINGW64 ~
$ cd desktop

14332@00000000 MINGW64 ~/desktop
$ pwd
/c/Users/14332/desktop

14332@00000000 MINGW64 ~/desktop
$ ls
22024110135_兰晶利.docx PT_LCDEVEXPENSE.xlsx 文献/
desktop.ini             stata/      作业/

14332@00000000 MINGW64 ~/desktop
$
```

笔记：①unix 路径是用斜杠做分隔的，而 windows 的路径是用反斜杠做分隔的，这是第一点。②unix 的路径，这个根目录它是斜杠，而这个 windows 没有这个根目录的概念。windows 的话是从盘符开始的

3. 使用“-a”可以显示“.”开头文件

```
MINGW64/c/Users/14332 x + v
bash: man: command not found

14332@MINGW64 ~
$ ls -a
./
../
.conda/
.gitconfig
.ipynb/
.lessht
.openjfx/
.ssh/
.vscode/
[开始] 菜单@
'3D Objects'/
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
IntelGraphicsProfiles/
Links/
'Local Settings'@
Music/
'My Documents'@
NetHood@
NTUSER.DAT
ntuser.dat.LOG1
ntuser.dat.LOG2
NTUSER.DAT{b4e53bc8-acc9-11ef-b36a-e555b0aba36f}.TM
NTUSER.DAT{b4e53bc8-acc9-11ef-b36a-e555b0aba36f}.TMCon
tainer00000000000000000001.regtrans-ms
NTUSER.DAT{b4e53bc8-acc9-11ef-b36a-e555b0aba36f}.TMCon
tainer00000000000000000002.regtrans-ms
ntuser.ini
OneDrive/
PCManager/
Pictures/
PrintHood@
```

4. 使用 ls -l 命令不仅会列出这些文件。此外，就在左边还有很多详细信息。

```
MINGW64/c/Users/14332 x + v
WPSDrive/
Zotero/

14332@MINGW64 ~
$ ls -l
total 21017
lrwxrwxrwx 1 14332 197609 59 11月 27 22:14 [开始] 菜单 -> '/c/Users/14332/AppData/Roaming/Microsoft/Windows/Start Menu/'
drwxr-xr-x 1 14332 197609 0 2月 14 2024 '3D Objects'/
drwxr-xr-x 1 14332 197609 0 11月 27 22:16 AppData/
lrwxrwxrwx 1 14332 197609 30 11月 27 22:14 'Application Data' -> '/c/Users/14332/AppData/Roaming/'
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Contacts/
lrwxrwxrwx 1 14332 197609 58 11月 27 22:14 Cookies -> '/c/Users/14332/AppData/Local/Microsoft/Windows/INetCookies/'
drwxr-xr-x 1 14332 197609 0 3月 17 21:09 Desktop/
drwxr-xr-x 1 14332 197609 0 2月 10 14:56 Documents/
drwxr-xr-x 1 14332 197609 0 3月 13 16:53 Downloads/
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Favorites/
drwxr-xr-x 1 14332 197609 0 11月 23 23:46 IntelGraphicsProfiles/
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Links/
lrwxrwxrwx 1 14332 197609 28 11月 27 22:14 'Local Settings' -> '/c/Users/14332/AppData/Local/'
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Music/
lrwxrwxrwx 1 14332 197609 24 11月 27 22:14 'My Documents' -> '/c/Users/14332/Documents/'
lrwxrwxrwx 1 14332 197609 66 11月 27 22:14 NetHood -> '/c/Users/14332/AppData/Roaming/Microsoft/Windows/Network Shortcuts/'
-rw-r--r-- 1 14332 197609 13369344 3月 17 08:52 NTUSER.DAT
-rw-r--r-- 1 14332 197609 3571712 11月 27 22:14 ntuser.dat.LOG1
-rw-r--r-- 1 14332 197609 3404800 11月 27 22:14 ntuser.dat.LOG2
-rw-r--r-- 1 14332 197609 65536 3月 10 23:42 NTUSER.DAT{b4e53bc8-acc9-11ef-b36a-e555b0aba36f}.TM.blf
-rw-r--r-- 1 14332 197609 524288 3月 9 17:58 NTUSER.DAT{b4e53bc8-acc9-11ef-b36a-e555b0aba36f}.TMContainer00000000000000000001.regtrans-ms
-rw-r--r-- 1 14332 197609 524288 3月 9 17:58 NTUSER.DAT{b4e53bc8-acc9-11ef-b36a-e555b0aba36f}.TMContainer00000000000000000002.regtrans-ms
-rw-r--r-- 1 14332 197609 20 11月 28 16:40 ntuser.ini
drwxr-xr-x 1 14332 197609 0 3月 17 21:09 OneDrive/
drwxr-xr-x 1 14332 197609 0 9月 17 09:31 PCManager/
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Pictures/
lrwxrwxrwx 1 14332 197609 66 11月 27 22:14 PrintHood -> '/c/Users/14332/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/'
lrwxrwxrwx 1 14332 197609 55 11月 27 22:14 Recent -> '/c/Users/14332/AppData/Roaming/Microsoft/Windows/Recent/'
drwxr-xr-x 1 14332 197609 0 3月 9 22:16 repo/
drwxr-xr-x 1 14332 197609 0 3月 10 12:52 repo2/
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 'Saved Games'/
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Searches/
lrwxrwxrwx 1 14332 197609 55 11月 27 22:14 SendTo -> '/c/Users/14332/AppData/Roaming/Microsoft/Windows/SendTo/'
drwxr-xr-x 1 14332 197609 58 11月 27 22:14 Templates -> '/c/Users/14332/AppData/Roaming/Microsoft/Windows/Templates/'
drwxr-xr-x 1 14332 197609 0 11月 28 16:40 Videos/
drwxr-xr-x 1 14332 197609 0 2月 6 16:17 WindowsPcManager/
drwxr-xr-x 1 14332 197609 0 3月 17 21:09 WPS Cloud Files/
drwxr-xr-x 1 14332 197609 0 1月 2 15:09 WPSDrive/
```

5. 使用 cp 命令

```
MINGW64:/c/Users/14332
3bc8-acc9-11ef-b36a-e555b0aba36f}.TMContainer000000000000000000
0001.regtrans-ms
-rw-r--r-- 1 14332 197609 512K  3月  9 17:58 NTUSER.DAT{b4e5
3bc8-acc9-11ef-b36a-e555b0aba36f}.TMContainer000000000000000000
0002.regtrans-ms
-rw-r--r-- 1 14332 197609    20 11月 28 16:40 ntuser.ini
drwxr-xr-x 1 14332 197609    0  3月 17 21:09 OneDrive/
drwxr-xr-x 1 14332 197609    0  9月 17 09:31 PCManager/
drwxr-xr-x 1 14332 197609    0 11月 28 16:40 Pictures/
lrwxrwxrwx 1 14332 197609   66 11月 27 22:14 PrintHood -> '/
c/Users/14332/AppData/Roaming/Microsoft/Windows/Printer Short
cuts'/
lrwxrwxrwx 1 14332 197609   55 11月 27 22:14 Recent -> /c/Us
ers/14332/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 14332 197609    0  3月  9 22:16 repo/
drwxr-xr-x 1 14332 197609    0  3月 10 12:52 repo2/
drwxr-xr-x 1 14332 197609    0 11月 28 16:40 'Saved Games'/
drwxr-xr-x 1 14332 197609    0 11月 28 16:40 Searches/
lrwxrwxrwx 1 14332 197609   55 11月 27 22:14 SendTo -> /c/Us
ers/14332/AppData/Roaming/Microsoft/Windows/SendTo/
lrwxrwxrwx 1 14332 197609   58 11月 27 22:14 Templates -> /c
/Users/14332/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 14332 197609    0 11月 28 16:40 Videos/
drwxr-xr-x 1 14332 197609    0  2月  6 16:17 WindowsPcManag
er/
drwxr-xr-x 1 14332 197609    0  3月 17 21:09 'WPS Cloud Files
'/
drwxr-xr-x 1 14332 197609    0  1月  2 15:09 WPSDrive/
drwxr-xr-x 1 14332 197609    0  3月 14 17:59 Zotero/

14332@ooo风 ooooooooo MINGW64 ~
$
```

```
14332@ooo风 ooooooooo MINGW64 ~/desktop
$ ls -l store
total 1
-rw-r--r-- 1 14332 197609 15  3月 18 21:23 abc.txt

14332@ooo风 ooooooooo MINGW64 ~/desktop
$ cp store ../Downloads/
cp: -r not specified; omitting directory 'store'

14332@ooo风 ooooooooo MINGW64 ~/desktop
$ cp -r store ../Downloads/

14332@ooo风 ooooooooo MINGW64 ~/desktop
$ cp -r store ../Downloads/store2

14332@ooo风 ooooooooo MINGW64 ~/desktop
$
```

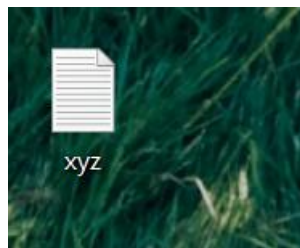

名称	修改日期	类型	大小
今天			
abc	2025/3/18 21:34	文本文档	1 KB
xyz	2025/3/18 21:31	文本文档	1 KB
store2	2025/3/18 21:41	文件夹	
store	2025/3/18 21:41	文件夹	

6. 使用 mv 命令

```
$ cp -r store ../Downloads/store2

14332@0000 风 00000000 MINGW64 ~/desktop
$ mv ../Downloads/xyz.txt ./

14332@0000 风 00000000 MINGW64 ~/desktop
$
```



7. 创建文件夹

```
14332@0000 风 00000000 MINGW64 ~/desktop
$ mkdir myproject

14332@0000 风 00000000 MINGW64 ~/desktop
```



8. 使用 remove 命令

```
14332@0000 风 00000000 MINGW64 ~/desktop
$ rm xyz.txt

14332@0000 风 00000000 MINGW64 ~/desktop
$ rm -r myproject

14332@0000 风 00000000 MINGW64 ~/desktop
$ rm store
rm: cannot remove 'store': Is a directory

14332@0000 风 00000000 MINGW64 ~/desktop
$ rm -r store
```

9. 使用 du、df 命令

```
14332@ooo风 ooooooooo MINGW64 ~/desktop
$ df
Filesystem            1K-blocks      Used Available U
se% Mounted on
C:/Program Files/Git 125829116  80407660  45421456
64% /
D:                    360002556 200498144 159504412
56% /d
```

```
14332@ooo风 ooooooooo MINGW64 ~/desktop
$ df -h
Filesystem            Size  Used Avail Use% Mounted
on
C:/Program Files/Git 120G   77G   44G   64% /
D:                  344G  192G  153G   56% /d
```

```
14332@ooo风 ooooooooo MINGW64 ~/desktop
$ du .
1740    ./stata
4836    ./作业
19800   ./文献
33509   .

14332@ooo风 ooooooooo MINGW64 ~/desktop
$ du -d 1 .
1740    ./stata
4836    ./作业
19800   ./文献
33509   .

14332@ooo风 ooooooooo MINGW64 ~/desktop
$ du -h -d 0 .
33M     .
```

10. 创 建 个 人 项 目

The screenshot shows the GitCode web interface for creating a new project. The header includes the GitCode logo, a search bar, and a 'deepseek' button. The main form has the following fields and options:

- 使用模板**: A dropdown menu with the text '你可以选择一个模板项目来快速新建项目'.
- 仓库类型**: Radio buttons for '代码仓' (selected), '模型仓', '数据集仓', and 'Space'.
- 项目名称**: A text input field containing 'mywork'.
- 项目路径**: A dropdown menu showing 'lulilan785' and a text input field containing 'mywork'.
- 项目描述**: A text area containing '我自己的一些代码和数据'.
- 初始化选项**:
 - ☐ 添加初始化 README 文件 (包括建议的项目的描述、安装指南、使用示例、贡献指南等信息)
 - ☐ 添加 .gitignore 文件 (选择 .gitignore 模板)
 - ☐ 添加 LICENSE 文件 (选择 LICENSE 模板)
- 项目可见性**: Radio buttons for '公开项目' and '私有项目' (selected).
- 操作按钮**: '取消' and '创建项目' buttons.

On the right side, there is a vertical sidebar with icons for help, chat, and user profile.

11. 将项目克隆到本地

```
14332@0000 风 00000000 MINGW64 ~
$ cd repo2

14332@0000 风 00000000 MINGW64 ~/repo2
$ git clone git@gitcode.com:lulilan785/mywork.git
Cloning into 'mywork'...
warning: You appear to have cloned an empty repository.

14332@0000 风 00000000 MINGW64 ~/repo2
$ ls -l
total 4
drwxr-xr-x 1 14332 197609 0  3月 18 22:04 mywork/
-rw-r--r-- 1 14332 197609 0  3月 10 12:20 script1.py
drwxr-xr-x 1 14332 197609 0  3月 10 12:57 week01_7319/

14332@0000 风 00000000 MINGW64 ~/repo2
$ cd mywork

14332@0000 风 00000000 MINGW64 ~/repo2/mywork (main)
$ git log
fatal: your current branch 'main' does not have any commits yet

14332@0000 风 00000000 MINGW64 ~/repo2/mywork (main)
```

12. 将本地操作提交到个人项目

lulilan785/mywork

按下 / 快速开启搜索

deepseek

新建

代码IssuesPull Requests讨论项目成员1分析项目设置

免费领取云主机Watch0Star0Fork0

main分支1Tags0

搜索文件

下载zip

lulilan785 added some files for test 19824873 创建于 2 分钟前

文件	最后提交记录	最后更新时间
.gitconfig	added some files for test	2 分钟前
abc.txt	added some files for test	2 分钟前

项目 README 为空

建议 README 包括以下内容：项目背景、主要功能以及使用方法

14332@MINGW64 ~/repo2/mywork (main)

(use "git branch --unset-upstream" to fixup)

nothing to commit, working tree clean

\$ git log

commit f9824873c6753d226a1734c1b3da7748fb5e2e56 (HEAD -> main)

Author: lulilan785 <lulilan785@noreply.gitcode.com>

Date: Tue Mar 18 22:15:01 2025 +0800

added some files for test

\$ git push

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (4/4), 501 bytes | 167.00 KiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

Remote: Start Git Hooks Checking