

命令行与文件系统

ls 命令

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
IntelGraphicsProfiles/
Links/
'Local Settings'@
Music/
'My Documents'@
NTUSER.DAT
NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f
NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000000
1.regtrans-ms
NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000000
2.regtrans-ms
NetHood@
OneDrive/
Pictures/
PrintHood@
Recent@
'Saved Games'/
Searches/
SendTo@
Templates@
Videos/
'WPS Cloud Files'/
WPSDrive/
Zotero/
ado/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
「开始」菜单@
```


根目录

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Documents
$ cd /
Administrator@DESKTOP-75CI4VE MINGW64 /
$ ls
LICENSE.txt  ReleaseNotes.html  bin/  cmd/  dev/  etc/  git-bash.exe*  git-cmd.exe*  mingw64/  proc/  tmp/  unins000.dat  unins000.exe*  unins000.msg  usr/
```

绝对路径：从根目录开始写的路径

```
Administrator@DESKTOP-75CI4VE MINGW64 /
$ pwd
/
Administrator@DESKTOP-75CI4VE MINGW64 /
$ ls
LICENSE.txt  ReleaseNotes.html  bin/  cmd/  dev/  etc/  git-bash.exe*  git-cmd.exe*  mingw64/  proc/  tmp/  unins000.dat  unins000.exe*  unins000.msg  usr/
Administrator@DESKTOP-75CI4VE MINGW64 /
$ cat abc.txt
cat: abc.txt: No such file or directory
Administrator@DESKTOP-75CI4VE MINGW64 /
$ cat c/Users/Administrator/Desktop/abc.txt
hello world
```

相对路径：不用/开始

```
Administrator@DESKTOP-75CI4VE MINGW64 /
$ pwd
/
Administrator@DESKTOP-75CI4VE MINGW64 /
$ cat aaa
cat: aaa: No such file or directory
Administrator@DESKTOP-75CI4VE MINGW64 /
$ ls
LICENSE.txt  ReleaseNotes.html  bin/  cmd/  dev/  etc/  git-bash.exe*  git-cmd.exe*  mingw64/  proc/  tmp/  unins000.dat  unins000.exe*  unins000.msg  usr/
Administrator@DESKTOP-75CI4VE MINGW64 /
$ cat LICENSE.txt

Note that the only valid version of the GPL as far as this project
is concerned is _this_ particular version of the license (ie v2, not
v2.2 or v3.x or whatever), unless explicitly otherwise stated.

HOWEVER, in order to allow a migration to GPLv3 if that seems like
a good idea, I also ask that people involved with the project make
their preferences known. In particular, if you trust me to make that
decision, you might note so in your copyright message, ie something
like

    This file is licensed under the GPL v2, or a later version
    at the discretion of Linux.
```

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ cat Desktop/abc.txt
hello world
```

回到用户主目录：cd

```
Administrator@DESKTOP-75CI4VE MINGW64 /
$ cd
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ pwd
/c/Users/Administrator
```

回到上一级文件夹：cd ..

Unix 路径以/（斜杠）开头 windows 路径是反斜杠

Unix 根目录是斜杠，windows 没有根目录，是从盘符开始的，比如 C:

浏览器是斜杠

命令行是空格分隔的

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ cd
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls
AppData/          Links/            OneDrive/         'WPS Cloud Files'/
'Application Data'@ 'Local Settings'@ WPSDrive/
Contacts/         Music/            PrintHood@        WPSDrive/
Cookies@          'My Documents'@  Recent@           Zotero/
Desktop/          NTUSER.DAT       'Saved Games'/'  ado/
Documents/        NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.blf ntuser.dat.LOG1
Downloads/        NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container000000000000000001.regtrans-ms ntuser.dat.LOG2
Favorites/        NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container000000000000000002.regtrans-ms ntuser.ini
IntelGraphicsProfiles/ NetHood@          Templates@        [开始] 菜单@
Videos/
```

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls AppData/
Local/  LocalLow/  Roaming/

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ man ls
bash: man: command not found
```

ls 和 ls. 是一样的效果

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls
AppData/      Links/      OneDrive/    'WPS Cloud Files'/
Contacts/     'Application Data'@  Pictures/    WPSDrive/
Cookies@      Music/       PrintHood@   Zotero/
Desktop/      'My Documents'@     Recent@      ado/
Documents/    NTUSER.DAT  'Saved Games'/ ntuser.dat.LOG1
Downloads/    NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f  Searches/    ntuser.dat.LOG2
Favorites/    NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container00000000000000000001.regtrans-ms  SendTo@     ntuser.ini
IntelGraphicsProfiles/ NetHood@     Templates@   '开始'菜单@
Videos/

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls
AppData/      Links/      OneDrive/    'WPS Cloud Files'/
Contacts/     'Local Settings'@  Pictures/    WPSDrive/
Cookies@      Music/       PrintHood@   Zotero/
Desktop/      'My Documents'@     Recent@      ado/
Documents/    NTUSER.DAT  'Saved Games'/ ntuser.dat.LOG1
Downloads/    NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f  Searches/    ntuser.dat.LOG2
Favorites/    NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container00000000000000000001.regtrans-ms  SendTo@     ntuser.ini
IntelGraphicsProfiles/ NetHood@     Templates@   '开始'菜单@
Videos/
```

短选项: -a 长选项: --all (显示所有文件)

Unix 系统会隐藏.开头的文件

蓝色的是文件夹, 白色的是文件

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls -a
./          .ssh/      Music/       SendTo@
../         .vscode/   'My Documents'@  Templates@
..          AppData/   NTUSER.DAT     Videos/
.Ld9VirtualBox/ 'Application Data'@ NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f 'WPS Cloud Files'/
.bash_history  Cookies@    NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container00000000000000000001.regtrans-ms WPSDrive/
.conda/        Desktop/   NetHood@       Zotero/
.config/       Documents/ Pictures/        ado/
.gitconfig     Downloads/ PrintHood@     ntuser.dat.LOG1
.idlerc/       Favorites/  Recent@        ntuser.dat.LOG2
.ipynb/        IntelGraphicsProfiles/ Searches/       ntuser.ini
.lessht        Links/      'Saved Games'/ '开始'菜单@
.pandastable/ 'Local Settings'@
.spss/         .spss/
```

分别列举 desktop 和 downloads

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls Desktop/ Downloads/
Desktop/:
10月4组会.docx
1_版权转让协议.docx
20230925102206000752.docx
235cab0be0fc46ada29b36f7df138a0a.pdf
CEO强制更替.docx
'EndNote - 快捷方式.lnk'*
'Microsoft Edge.lnk'*
'StataMP 17 (64-bit).lnk'*
'WPS Office.lnk'*
abc.txt
dragon-setup-win-x64-v1.0.8.exe*
'~$EO强制更替.docx'
'【转科研处文件】首都经济贸易大学期刊目录-2025年1月1日起执行(1).pdf'
修改前.docx
复试/

Downloads/:
1-230413094913.pptx
1.pptx
'1.各招生单位全日制招生专业一览表 (1).xls'
1.各招生单位全日制招生专业一览表.xls
100100507_50145d46ac41094ea04c113c09289d9c.exe*
1993-1953-1-PB.pdf

夸克.lnk*
'屏幕截图 2024-12-21
描述性统计.docx
文献.docx
李国姣材料/
李国姣材料.zip
李国姣简历.pdf
气家保.docx
版权转让协议.docx
申请材料/
'绿色数字金融与经济
绿色数字金融与经济
绿色数字金融与经济
绿色金融拥有广阔的发
```

ls -l

```
Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ls -l
total 22609
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 AppData/
drwxr-xr-x 1 Administrator 197121 38 Sep 7 2022 'Application Data' -> /c/Users/Administrator/AppData/Roaming/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Contacts/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 Cookies -> /c/Users/Administrator/AppData/Local/Microsoft/Windows/NetCookies/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 12:32 Desktop/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:07 Documents/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:03 Downloads/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Favorites/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:16 IntelGraphicsProfiles/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Links/
drwxr-xr-x 1 Administrator 197121 36 Sep 7 2022 'Local Settings' -> /c/Users/Administrator/AppData/Local/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Music/
drwxr-xr-x 1 Administrator 197121 32 Sep 7 2022 'My Documents' -> /c/Users/Administrator/Documents/
-rw-r--r-- 1 Administrator 197121 1651507 Mar 11 21:06 NTUSER.DAT
-rw-r--r-- 1 Administrator 197121 65536 Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f
-rw-r--r-- 1 Administrator 197121 924288 Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container00000000000000000001.regtrans-ms
-rw-r--r-- 1 Administrator 197121 924288 Oct 20 21:45 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.Container00000000000000000002.regtrans-ms
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 NetHood -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Network Shortcuts/
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 OneDrive/
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 Pictures/
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 PrintHood -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 Recent -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Saved Games' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 Searches/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 SendTo -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/SendTo/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 Templates -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 Administrator 197121 0 Sep 13 2022 Videos/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 13:14 'WPS Cloud Files'/
drwxr-xr-x 1 Administrator 197121 0 Dec 8 2023 WPSDrive/
drwxr-xr-x 1 Administrator 197121 0 Mar 10 13:48 Zotero/
drwxr-xr-x 1 Administrator 197121 0 Apr 15 2024 ado/
-rw-r--r-- 1 Administrator 197121 4210688 Sep 7 2022 ntuser.dat.LOG1
-rw-r--r-- 1 Administrator 197121 1146880 Sep 7 2022 ntuser.dat.LOG2
-rw-r--r-- 1 Administrator 197121 20 Sep 7 2022 ntuser.ini
drwxr-xr-x 1 Administrator 197121 67 Sep 7 2022 '开始'菜单 -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Start Menu/
```


ls -al

MINGW64/c/Users/Administrator

```
Administrator@DESKTOP-75C14VE MINGW64 ~
$ ls -al
total 22635
drwxr-xr-x 1 Administrator 197121 0 Mar 8 18:04 ./
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 ../
drwxr-xr-x 1 Administrator 197121 0 Mar 2 2024 .LD9VirtualBox/
drwxr-xr-x 1 Administrator 197121 0 Dec 9 2023 .android/
-rw-r--r-- 1 Administrator 197121 765 Mar 8 18:19 .bash_history
drwxr-xr-x 1 Administrator 197121 0 Mar 8 15:27 .conda/
drwxr-xr-x 1 Administrator 197121 0 Nov 14 14:25 .config/
-rw-r--r-- 1 Administrator 197121 150 Mar 8 17:31 .gitconfig
drwxr-xr-x 1 Administrator 197121 0 Nov 14 16:41 .idlerc/
drwxr-xr-x 1 Administrator 197121 0 Mar 8 15:50 .ipython/
-rw-r--r-- 1 Administrator 197121 20 Mar 8 16:04 .lessht
drwxr-xr-x 1 Administrator 197121 0 Nov 14 14:25 .pandastable/
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 .spss/
drwxr-xr-x 1 Administrator 197121 0 Mar 8 16:52 .ssh/
drwxr-xr-x 1 Administrator 197121 0 Mar 8 14:22 .vscode/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 AppData/
drwxr-xr-x 1 Administrator 197121 38 Sep 7 2022 'Application Data' -> /c/Users/Administrator/AppData/Roaming/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Contacts/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Cookies' -> /c/Users/Administrator/AppData/Local/Microsoft/Windows/InetCookies/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 12:32 Desktop/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:07 Documents/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:03 Downloads/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Favorites/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:56 IntelGraphicsProfiles/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Links/
drwxr-xr-x 1 Administrator 197121 36 Sep 7 2022 'Local Settings' -> /c/Users/Administrator/AppData/Local/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Music/
drwxr-xr-x 1 Administrator 197121 32 Sep 7 2022 'My Documents' -> /c/Users/Administrator/Documents/
-rw-r--r-- 1 Administrator 197121 16515072 Mar 11 21:06 NTUSER.DAT
-rw-r--r-- 1 Administrator 197121 65536 Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f
-rw-r--r-- 1 Administrator 197121 524288 Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000001.regtrans-ms
-rw-r--r-- 1 Administrator 197121 524288 Oct 20 21:45 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000002.regtrans-ms
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 'NetHood' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Network Shortcuts/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:56 OneDrive/
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 Pictures/
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 'PrintHood' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 'Recent' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 'Saved Games'
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Searches/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 'SendTo' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/SendTo/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Templates' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 Administrator 197121 0 Sep 13 2022 Videos/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 13:34 'WPS Cloud Files'
drwxr-xr-x 1 Administrator 197121 0 Dec 8 2023 WPSDrive/
```

ls -alh

显示文件大小更可读

```
Administrator@DESKTOP-75C14VE MINGW64 ~
$ ls -lh
total 24M
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 AppData/
drwxr-xr-x 1 Administrator 197121 38 Sep 7 2022 'Application Data' -> /c/Users/Administrator/AppData/Roaming/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Contacts/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Cookies' -> /c/Users/Administrator/AppData/Local/Microsoft/Windows/InetCookies/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 12:32 Desktop/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:07 Documents/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:03 Downloads/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Favorites/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:56 IntelGraphicsProfiles/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Links/
drwxr-xr-x 1 Administrator 197121 36 Sep 7 2022 'Local Settings' -> /c/Users/Administrator/AppData/Local/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Music/
drwxr-xr-x 1 Administrator 197121 32 Sep 7 2022 'My Documents' -> /c/Users/Administrator/Documents/
-rw-r--r-- 1 Administrator 197121 16M Mar 11 21:06 NTUSER.DAT
-rw-r--r-- 1 Administrator 197121 64K Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f
-rw-r--r-- 1 Administrator 197121 512K Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000001.regtrans-ms
-rw-r--r-- 1 Administrator 197121 512K Oct 20 21:45 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000002.regtrans-ms
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 'NetHood' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Network Shortcuts/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:56 OneDrive/
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 Pictures/
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 'PrintHood' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 'Recent' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 'Saved Games'
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 Searches/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 'SendTo' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/SendTo/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Templates' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 Administrator 197121 0 Sep 13 2022 Videos/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 13:34 'WPS Cloud Files'
drwxr-xr-x 1 Administrator 197121 0 Dec 8 2023 WPSDrive/
drwxr-xr-x 1 Administrator 197121 0 Mar 12 13:48 Zotero/
drwxr-xr-x 1 Administrator 197121 0 Apr 15 2024 ado/
-rw-r--r-- 1 Administrator 197121 4.1M Sep 7 2022 ntuser.dat.LOG1
-rw-r--r-- 1 Administrator 197121 2.2M Sep 7 2022 ntuser.dat.LOG2
-rw-r--r-- 1 Administrator 197121 20 Sep 7 2022 ntuser.ini
drwxr-xr-x 1 Administrator 197121 67 Sep 7 2022 '开始' 菜单 -> 'c:/Users/Administrator/AppData/Roaming/Microsoft/Windows/Start Menu/'
```

ls -alhS (按文件大小排序)

```
Administrator@DESKTOP-75C14VE MINGW64 ~
$ ls -alhS
total 24M
-rw-r--r-- 1 Administrator 197121 16M Mar 11 21:06 NTUSER.DAT
-rw-r--r-- 1 Administrator 197121 4.1M Sep 7 2022 ntuser.dat.LOG1
-rw-r--r-- 1 Administrator 197121 2.2M Sep 7 2022 ntuser.dat.LOG2
-rw-r--r-- 1 Administrator 197121 512K Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000001.regtrans-ms
-rw-r--r-- 1 Administrator 197121 512K Oct 20 21:45 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000002.regtrans-ms
-rw-r--r-- 1 Administrator 197121 64K Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f
-rw-r--r-- 1 Administrator 197121 765 Mar 8 18:19 .bash_history
-rw-r--r-- 1 Administrator 197121 150 Mar 8 17:31 .gitconfig
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 'NetHood' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Network Shortcuts/
drwxr-xr-x 1 Administrator 197121 74 Sep 7 2022 'PrintHood' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/
drwxr-xr-x 1 Administrator 197121 67 Sep 7 2022 '开始' 菜单 -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Start Menu/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Cookies' -> /c/Users/Administrator/AppData/Local/Microsoft/Windows/InetCookies/
drwxr-xr-x 1 Administrator 197121 66 Sep 7 2022 'Templates' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 'Recent' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 Administrator 197121 63 Sep 7 2022 'SendTo' -> /c/Users/Administrator/AppData/Roaming/Microsoft/Windows/SendTo/
drwxr-xr-x 1 Administrator 197121 38 Sep 7 2022 'Application Data' -> /c/Users/Administrator/AppData/Roaming/
drwxr-xr-x 1 Administrator 197121 36 Sep 7 2022 'Local Settings' -> /c/Users/Administrator/AppData/Local/
drwxr-xr-x 1 Administrator 197121 32 Sep 7 2022 'My Documents' -> /c/Users/Administrator/Documents/
-rw-r--r-- 1 Administrator 197121 20 Mar 8 18:04 .lessht
-rw-r--r-- 1 Administrator 197121 20 Sep 7 2022 ntuser.ini
drwxr-xr-x 1 Administrator 197121 0 Mar 8 18:04 ./
drwxr-xr-x 1 Administrator 197121 0 Sep 7 2022 ../
drwxr-xr-x 1 Administrator 197121 0 Mar 2 2024 .LD9VirtualBox/
drwxr-xr-x 1 Administrator 197121 0 Dec 9 2023 .android/
drwxr-xr-x 1 Administrator 197121 0 Mar 8 15:27 .conda/
drwxr-xr-x 1 Administrator 197121 0 Nov 14 14:25 .config/
drwxr-xr-x 1 Administrator 197121 0 Nov 14 16:41 .idlerc/
```

ls -alht (按修改时间排序)

```
Administrator@DESKTOP-75CI4VE MINGW64 ~  
$ ls -alht  
total 24M  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:07 Documents/  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 14:03 Downloads/  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 13:48 Zotero/  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 13:34 'WPS Cloud Files'/  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 12:32 Desktop/  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:56 OneDrive/  
drwxr-xr-x 1 Administrator 197121 0 Mar 12 08:56 IntelGraphicsProfiles/  
-rw-r--r-- 1 Administrator 197121 16M Mar 11 21:06 NTUSER.DAT  
drwxr-xr-x 1 Administrator 197121 765 Mar 8 18:19 .bash_history  
-rw-r--r-- 1 Administrator 197121 0 Mar 8 18:04 ./  
-rw-r--r-- 1 Administrator 197121 20 Mar 8 18:04 .lessshst  
-rw-r--r-- 1 Administrator 197121 150 Mar 8 17:31 .gitconfig  
drwxr-xr-x 1 Administrator 197121 0 Mar 8 16:52 .ssh/  
drwxr-xr-x 1 Administrator 197121 0 Mar 8 15:50 .ipython/  
drwxr-xr-x 1 Administrator 197121 0 Mar 8 15:27 .conda/  
-rw-r--r-- 1 Administrator 197121 0 Mar 8 14:22 .vscode/  
-rw-r--r-- 1 Administrator 197121 64K Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TM.b1f  
-rw-r--r-- 1 Administrator 197121 512K Mar 4 21:42 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000001.regtrans-ms  
drwxr-xr-x 1 Administrator 197121 0 Nov 14 16:41 .idlerc/  
drwxr-xr-x 1 Administrator 197121 0 Nov 14 14:25 .config/  
-rw-r--r-- 1 Administrator 197121 0 Nov 14 14:25 .pandastable/  
drwxr-xr-x 1 Administrator 197121 512K Oct 20 21:45 NTUSER.DAT{b2a515e8-2ea2-11ed-92ce-b89a2acb0d27}.TMContainer00000000000000000002.regtrans-ms  
drwxr-xr-x 1 Administrator 197121 0 Apr 15 2024 ado/  
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 .spss/  
drwxr-xr-x 1 Administrator 197121 0 Mar 16 2024 Pictures/  
drwxr-xr-x 1 Administrator 197121 0 Mar 2 2024 .Ld9VirtualBox/  
drwxr-xr-x 1 Administrator 197121 0 Dec 9 2023 .android/  
drwxr-xr-x 1 Administrator 197121 0 Dec 8 2023 WPSDrive/
```

cp （复制）

电脑 > 下载

名称	修改日期
今天 (2)	
abc	2025/3/13 15:40

```
Administrator@DESKTOP-75CI4VE MINGW64 ~  
$ cd Desktop/  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ cat abc.txt  
hello world  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ cp abc.txt ../Downloads
```

复制并改名

xyz

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ cp abc.txt ../Downloads/xyz.txt
```

复制文件夹

xyz

store

store2

本周早些时候 (3)

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ cp -r store ../Downloads/  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ ^C  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ cp -r store ../Downloads/store2
```

移动文件（mv）

xyz

store2

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ mv ../Downloads/xyz.txt ./  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ mv ../Downloads/store2 ./
```

创建文件夹

myproject

```
$ mv ../Downloads/store2 ./  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ mkdir myproject  
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop  
$ ls -l  
total 225237
```

将 store2 复制进去后再查看文件夹

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ ls -alh myproject
total 24K
drwxr-xr-x 1 Administrator 197121 0 Mar 13 15:55 ./
drwxr-xr-x 1 Administrator 197121 0 Mar 13 15:55 ../
drwxr-xr-x 1 Administrator 197121 0 Mar 13 15:50 store2/
```

删除数据 (rm) -rf 强制删除

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ rm xyz.txt

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ rm -r myproject/

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ rm store
rm: cannot remove 'store': Is a directory

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ rm -r store

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ rm -rf store2
```

查看磁盘剩余空间 (df)

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
D:/腾讯会议/Git 447028916 40780964 406247952  10% /
C:               104529884 86139856  18390028   83% /c
E:              446935660 52175736 394759924  12% /e

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
D:/腾讯会议/Git 427G   39G  388G  10% /
C:             100G   83G   18G  83% /c
E:             427G   50G  377G  12% /e
```

Ctrl c 中断命令

查看文件夹使用情况 (du .) (du . 1 .)第一层

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ du .
5992    ./复证
32      ./复证
7044    ./复证
8512    ./复证
22936   ./复证
18044   ./李国
17748   ./申请
283960  .

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ du -d 1 .
22936   ./复证
18044   ./李国
17748   ./申请
283960  .

Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ du -h -d 0 .
278M    .
```


新建项目

使用模板

你可以选择一个模板项目来快速新建项目

仓库类型

☒ 代码仓 ☐ 模型仓 ☐ 数据集仓 ☐ Space

项目名称

mywork

项目路径

yyyyo / mywork

项目描述

自己的代码和数据

☐ 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

☐ 公开项目 ☒ 私密项目

克隆私人仓库

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Desktop
$ cd

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ pwd
/c/Users/Administrator

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ mkdir repo

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ ped
bash: ped: command not found

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ pwd
/c/Users/Administrator

Administrator@DESKTOP-75CI4VE MINGW64 ~
$ cd repo

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo
$ pwd
/c/Users/Administrator/repo

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo
$ git clone git@gitcode.com:yyyyo/mywork.git
Cloning into 'mywork'...
warning: You appear to have cloned an empty repository.

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo
$ ls
mywork/

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo
$ cd mywork
```


本地提交流程

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/repo
$ cd mywork

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ ls -l
total 0

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git log
fatal: your current branch 'master' does not have any commits yet

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ cp ~/.gitconfig ./

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ ls -al
total 5
drwxr-xr-x 1 Administrator 197121  0 Mar 13 16:32 ./
drwxr-xr-x 1 Administrator 197121  0 Mar 13 16:24 ../
drwxr-xr-x 1 Administrator 197121  0 Mar 13 16:24 .git/
-rw-r--r-- 1 Administrator 197121 150 Mar 13 16:32 .gitconfig

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git status
On branch master

No commits yet

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

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

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git add .
warning: in the working copy of '.gitconfig', LF will be replaced by CRLF the next time Git touches it

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitconfig
```

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git commit -m 'added some files for test'
[master (root-commit) 72b343d] added some files for test
 1 file changed, 6 insertions(+)
 create mode 100644 .gitconfig

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git log
commit 72b343dc5ebc227f240253f7f1a53cd51a0587c9 (HEAD -> master)
Author: yyyyo <yyyyo@noreply.gitcode.com>
Date:   Thu Mar 13 16:35:08 2025 +0800

    added some files for test

Administrator@DESKTOP-75CI4VE MINGW64 ~/repo/mywork (master)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 358 bytes | 179.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Start Git Hooks Checking
To gitcode.com:yyyyo/mywork.git
 * [new branch]      master -> master
```

[PASSED]

<div>yyyyo added some files for test72b343dc 创建于 4 分钟前 历史提交</div>		
文件	最后提交记录	最后更新时间
 .gitconfig	added some files for test	4 分钟前