

vendor lock-in 供应商锁定

若使用微软则全是用二进制保存，所以只能用 word 等软件打开或编辑

锁定了用户，以期未来选择性获利

\$ls \$pwd 搜索位置 present working directory

```
MINGW64: c:/Users/31776
NTUSER.DAT
ntuser.dat.LOG1
ntuser.dat.LOG2
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.0.regtrans-ms
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.1.regtrans-ms
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.2.regtrans-ms
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.blf
NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TM.blf
NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TMContainer000000000000000001.regtrans-ms
NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TMContainer000000000000000002.regtrans-ms
ntuser.ini
OneDrive/
Pictures/
PrintHood@
Recent@
'Saved Games'/
Searches/
SendTo@
Templates@
Videos/
'WPS Cloud Files'/
WPSDrive/
金融计算机语言/

31776@MINGW64 ~
$ pwd
/c/Users/31776

31776@MINGW64 ~
$
```

tab 键自动补全

```
MINGW64: c:/Users/31776
NTUSER.DAT
ntuser.dat.LOG1
ntuser.dat.LOG2
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.0.regtrans-ms
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.1.regtrans-ms
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.2.regtrans-ms
NTUSER.DAT{9e509044-3445-11ef-ace0-ce291d9703ff}.TxR.blf
NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TM.blf
NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TMContainer000000000000000001.regtrans-ms
NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TMContainer000000000000000002.regtrans-ms
ntuser.ini
OneDrive/
Pictures/
PrintHood@
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Searches/
SendTo@
Templates@
Videos/
'WPS Cloud Files'/
WPSDrive/
金融计算机语言/

31776@MINGW64 ~
$ pwd
/c/Users/31776

31776@MINGW64 ~
$ cd Desktop/
```

cat 查询

```
31776@MINGW64 ~/Desktop
$ cat abc.txt
hello
```

返回上级目录

```
31776@000000 MINGW64 ~/Desktop
$ cd ..

31776@000000 MINGW64 ~
$ ls
「开始」菜单@
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
Links/
```

## 进入手册学习

man7.org > Linux > man-pagesLinux/UNIX system programming training

### ls(1) — Linux manual page

NAME | SYNOPSIS | DESCRIPTION | AUTHOR | REPORTING BUGS | COPYRIGHT | SEE ALSO | COLOPHON

Search online pages

LS(1)

User Commands

LS(1)

**NAME** [top](#)  
ls - list directory contents

**SYNOPSIS** [top](#)  
ls [*OPTION*]... [*FILE*]...

**DESCRIPTION** [top](#)  
List information about the FILES (the current directory by default). Sort entries alphabetically if none of `-cftuvSUX` nor `--sort` is specified.  
  
Mandatory arguments to long options are mandatory for short options too.  
  
`-a, --all`

## cookies 测试

```
MINGW64:~/Users/31776/cookies
-rw-r--r-- 1 31776 197609 65536 3月 6 23:20 NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TM.blf
-rw-r--r-- 1 31776 197609 524288 3月 11 15:06 NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TMContainer0000000000
0000000001.regtrans-ms
-rw-r--r-- 1 31776 197609 524288 12月 7 02:32 NTUSER.DAT{9e509045-3445-11ef-ace0-ce291d9703ff}.TMContainer0000000000
0000000002.regtrans-ms
-rw-r--r-- 1 31776 197609 20 6月 29 2024 ntuser.ini
drwxr-xr-x 1 31776 197609 0 3月 17 23:46 OneDrive/
drwxr-xr-x 1 31776 197609 0 2月 5 00:01 Pictures/
lrwxrwxrwx 1 31776 197609 66 6月 29 2024 PrintHood -> '/c/Users/31776/AppData/Roaming/Microsoft/Windows/Printer
Shortcuts/'
lrwxrwxrwx 1 31776 197609 55 6月 29 2024 Recent -> /c/Users/31776/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 31776 197609 0 6月 29 2024 'Saved Games'/
drwxr-xr-x 1 31776 197609 0 11月 12 06:17 Searches/
lrwxrwxrwx 1 31776 197609 55 6月 29 2024 SendTo -> /c/Users/31776/AppData/Roaming/Microsoft/Windows/SendTo/
lrwxrwxrwx 1 31776 197609 58 6月 29 2024 Templates -> /c/Users/31776/AppData/Roaming/Microsoft/Windows/Template
s/
drwxr-xr-x 1 31776 197609 0 12月 18 20:28 Videos/
drwxr-xr-x 1 31776 197609 0 3月 18 06:56 'WPS Cloud Files'/
drwxr-xr-x 1 31776 197609 0 6月 29 2024 WPSDrive/
drwxr-xr-x 1 31776 197609 0 3月 11 11:01 金融计算机语言/

31776@000000 MINGW64 ~
$ cd cookies

31776@000000 MINGW64 ~/cookies
$ pwd
/c/Users/31776/cookies

31776@000000 MINGW64 ~/cookies
$
```

```
MINGW64; c:/Users/31776/... x + v
31776@000000 MINGW64 ~/cookies
$ pwd
/c/Users/31776/cookies

31776@000000 MINGW64 ~/cookies
$ ls -lah
total 17K
drwxr-xr-x 1 31776 197609 0 6月 29 2024 ./
drwxr-xr-x 1 31776 197609 0 3月 3 01:29 ../
-rw-r--r-- 1 31776 197609 0 6月 29 2024 container.dat
-rw-r--r-- 1 31776 197609 91 6月 29 2024 deprecated.cookie
drwxr-xr-x 1 31776 197609 0 6月 29 2024 DNTException/
drwxr-xr-x 1 31776 197609 0 6月 29 2024 ESE/
drwxr-xr-x 1 31776 197609 0 6月 29 2024 Low/
drwxr-xr-x 1 31776 197609 0 6月 29 2024 PrivacIE/

31776@000000 MINGW64 ~/cookies
$ ls -alhs
total 17K
4.0K drwxr-xr-x 1 31776 197609 0 6月 29 2024 ./
12K drwxr-xr-x 1 31776 197609 0 3月 3 01:29 ../
0 -rw-r--r-- 1 31776 197609 0 6月 29 2024 container.dat
1.0K -rw-r--r-- 1 31776 197609 91 6月 29 2024 deprecated.cookie
0 drwxr-xr-x 1 31776 197609 0 6月 29 2024 DNTException/
0 drwxr-xr-x 1 31776 197609 0 6月 29 2024 ESE/
0 drwxr-xr-x 1 31776 197609 0 6月 29 2024 Low/
0 drwxr-xr-x 1 31776 197609 0 6月 29 2024 PrivacIE/

31776@000000 MINGW64 ~/cookies
$
```

store

```
31776@000000 MINGW64 ~/Desktop
$ ls -l store
total 0

31776@000000 MINGW64 ~/Desktop
$ ls -l storer
ls: cannot access 'storer': No such file or directory

31776@000000 MINGW64 ~/Desktop
$ ls -l store
total 1
-rw-r--r-- 1 31776 197609 5 3月 18 07:16 abc.txt

31776@000000 MINGW64 ~/Desktop
$ cp store ../Downloads/
cp: -r not specified; omitting directory 'store'

31776@000000 MINGW64 ~/Desktop
$
```

cp mv mkdir rm df 命令使用

```
31776@00000000 MINGW64 ~/Desktop
$ cp store ../Downloads/
cp: -r not specified; omitting directory 'store'
```

```
31776@00000000 MINGW64 ~/Desktop
$ cp -r store ../Downloads/
```

```
31776@00000000 MINGW64 ~/Desktop
$ cp -r store ../Downloads/store2
```

```
31776@00000000 MINGW64 ~/Desktop
$ mv ../Downloads/xyz.txt ./
```

```
31776@00000000 MINGW64 ~/Desktop
$
```

```
31776@00000000 MINGW64 ~/Desktop
$ mv ../Downloads/store2 ./
```

```
31776@00000000 MINGW64 ~/Desktop
$ mkdir myproject
```

```
31776@00000000 MINGW64 ~/Desktop
$ ls -alh myproject/
total 4.0K
drwxr-xr-x 1 31776 197609 0  3月 18 10:12 ./
drwxr-xr-x 1 31776 197609 0  3月 18 10:12 ../
```

```
31776@00000000 MINGW64 ~/Desktop
$ rm xyz.txt
```

```
31776@00000000 MINGW64 ~/Desktop
$ rm -r myproject/
```

```
31776@00000000 MINGW64 ~/Desktop
$ rm store
rm: cannot remove 'store': Is a directory
```

```
31776@00000000 MINGW64 ~
$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
D:/Apps/Git    249560060  45425140 204134920  19% /
C:              248835068 109385820 139449248  44% /c
```

```
31776@00000000 MINGW64 ~
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
D:/Apps/Git    238G   44G  195G  19% /
C:             238G  105G  133G  44% /c
```

# 新建项目

三

Q 按下  快速开启搜索

+ 新建

新建项目

需要导入已有项目?

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

请输入项目名称

项目路径

KJM04

/

请输入项目路径

项目描述

请填写项目描述

☐ 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

# 创建私密项目

三

Q 按下  快速开启搜索

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

KJM04

/

mywork

项目描述

我自己的代码和数据

☐ 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

取消

创建项目

# clone 失败

```

31776@0000\00 MINGW64 ~
$ mkdir repo

31776@0000\00 MINGW64 ~
$ cd repo

31776@0000\00 MINGW64 ~/repo
$ pwd
/c/Users/31776/repo

31776@0000\00 MINGW64 ~/repo
$ git clone https://gitcode.com/KJM04/mywork.git
Cloning into 'mywork'...
remote: <CH.00905401> HTTP Basic: Access denied.
remote: The password-based authentication of Git has been removed. Please use your personal access token instead of the
password. Request-id is 3xQpRHoTLf.
fatal: Authentication failed for 'https://gitcode.com/KJM04/mywork.git/'

```

解决了 clone 的问题 (询问了大模型)

```

31776@0000\00 MINGW64 ~/repo
$ git clone https://gitcode.com/KJM04/mywork.git
Cloning into 'mywork'...
warning: You appear to have cloned an empty repository.

31776@0000\00 MINGW64 ~/repo
$ ls -l
total 0
drwxr-xr-x 1 31776 197609 0  3月 23 19:38 mywork/

31776@0000\00 MINGW64 ~/repo
$ cd mywork/

31776@0000\00 MINGW64 ~/repo/mywork (main)
$ ls -l
total 0

31776@0000\00 MINGW64 ~/repo/mywork (main)
$

```

复制演示文件

```

31776@0000\00 MINGW64 ~/repo/mywork (main)
$ cp ~/.gitconfig ./

31776@0000\00 MINGW64 ~/repo/mywork (main)
$ ls -al
total 5
drwxr-xr-x 1 31776 197609 0  3月 23 19:43 ./
drwxr-xr-x 1 31776 197609 0  3月 23 19:38 ../
drwxr-xr-x 1 31776 197609 0  3月 23 19:38 .git/
-rw-r--r-- 1 31776 197609 189  3月 23 19:43 .gitconfig

```

查询状态

```

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git status
On branch main

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)

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git add .
warning: in the working copy of '.gitconfig', LF will be replaced by CRLF the next time Git touches it

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git status
On branch main

No commits yet

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

```

提交

```

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git commit
Aborting commit due to empty commit message.

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git commit -m 'added some files for test'
[main (root-commit) 488d766] added some files for test
 1 file changed, 8 insertions(+)
 create mode 100644 .gitconfig

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git log
commit 488d766ea896e7c3b391a08ea01c512f1fd7d77f (HEAD -> main)
Author: KJM04 <3177658034@qq.com>
Date:   Sun Mar 23 19:48:11 2025 -0700

    added some files for test

```

推送到平台上

```

31776@0000\000 MINGW64 ~/repo/mywork (main)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 376 bytes | 188.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Start Git Hooks Checking
To https://gitcode.com/KJM04/mywork.git
 * [new branch]      main -> main

```

[PASSED]

上传成功



## 尝试删除

```
31776@0000\00 MINGW64 ~/repo/mywork (main)
$ rm .gitconfig

31776@0000\00 MINGW64 ~/repo/mywork (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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

## 未修改用户名和邮箱

```
31776@0000\00 MINGW64 ~/repo/mywork (main)
$ git log
commit 488d766ea896e7c3b391a08ea01c512f1fd7d77f (HEAD -> main, origin/main)
Author: KJM04 <3177658034@qq.com>
Date:   Sun Mar 23 19:48:11 2025 -0700

    added some files for test

31776@0000\00 MINGW64 ~/repo/mywork (main)
$ git commit -m "在 .gitconfig 里添加了用户名和邮箱"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

## 更新

```
31776@0000\00 MINGW64 ~/repo/mywork (main)
$ git push
Everything up-to-date

31776@0000\00 MINGW64 ~/repo/mywork (main)
$ git log
commit 488d766ea896e7c3b391a08ea01c512f1fd7d77f (HEAD -> main, origin/main)
Author: KJM04 <3177658034@qq.com>
Date:   Sun Mar 23 19:48:11 2025 -0700

    added some files for test
```



