

Презентация Лабораторной работы №8

Лабораторная работа 8

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Цель работы: освоение основных возможностей командной оболочки Midnight Commander, приобретение навыков практической работы по просмотру каталогов и файлов; манипуляций с ними.

Ход работы:

Задание по тс

MC(1)

GNU Midnight Commander

MC(1)

NAME

mc - Visual shell for Unix-like systems.

SYNOPSIS

mc [-abcCdfhPstuUVx] [-l log] [dir1 [dir2]] [-e [file] ...] [-v file]

DESCRIPTION

GNU Midnight Commander is a directory browser/file manager for Unix-like operating systems.

Chmod command

Permission

- [] set user ID on execution
- [] set group ID on execution
- [] sticky bit
- [x] read by owner
- [x] write by owner
- ☒ execute/search by owner
- [x] read by group
- [x] write by group
- [] execute/search by group
- [x] read by others
- [] write by others
- [] execute/search by others

File

Name:
file.txt
Permissions (octal):
100664
Owner name:
danila
Group name:
danila

bg left 100%

Copy

Copy file "file.txt" with source mask:

* [^]

[x] Using shell patterns

to:

/home/danila/ski.plases [^]

[] Follow links

[] Dive into subdir if exists

[x] Preserve attributes

[] Stable symlinks

[< OK >] [Background] [Cancel]

Left	File	Command	Options
<	~/ski.plases		.[^]>
.n	Name	Size	Modify time
/..		UP - -DIR	abГ 28 18:16
/equipment		4096	abГ 20 18:13
/plans		4096	abГ 20 18:13
file.txt		2421	abГ 24 14:30

Left	File	Command	Options	Right
Information				<- ~ .[^]>
Midnight Commander 4.8.24				.n Name Size Modify time
File: ..				UP--DIR мая 14 14:30
Location: 805h:1A0001h				/.cache 4096 авг 28 17:43
Mode: drwxr-xr-x (0755)				/.config 4096 авг 28 17:43
Links: 3				/.gnupg 4096 авг 12 20:05
Owner: root/root				/.local 4096 мая 15 10:55
Size: 4096 (8 blocks)				/.mozilla 4096 мая 15 11:18
Changed: мая 14 14:30				/.ssh 4096 мая 21 16:55
Modified: мая 14 14:30				/Desktop 4096 мая 21 23:10
Accessed: авг 28 17:45				/Documents 4096 мая 15 10:55
Filesystem: /				/Downloads 4096 мая 15 10:55
Device: /dev/sda5				/Music 4096 мая 15 10:55
Type: ext4 (805h)				/Pictures 4096 мая 15 10:55
Free space: 28G/39G (72%)				/Public 4096 мая 15 10:55
Free nodes: 2381324/2588672 (91%)				/Templates 4096 мая 15 10:55
				/Videos 4096 мая 15 10:55
				/backup 4096 мая 21 23:25

Left	File	Command	Options	Right
< ~			.[^]>	Di
.n	Name	Size	Modify time	/
/. .	UP--DIR	мая 14	14:30	boot
/.cache		4096	авг 28 17:43	cdrom
/.config		4096	авг 28 17:43	dev
/.gnupg		4096	авг 12 20:05	etc
/.local		4096	мая 15 10:55	home
/.mozilla		4096	мая 15 11:18	lost+found
/.ssh		4096	мая 21 16:55	media
/Desktop		4096	мая 21 23:10	mnt
/Documents		4096	мая 15 10:55	opt
/Downloads		4096	мая 15 10:55	proc
/Music		4096	мая 15 10:55	root
/Pictures		4096	мая 15 10:55	run
/Public		4096	мая 15 10:55	snap
/Templates		4096	мая 15 10:55	srv
/Videos		4096	мая 15 10:55	sys
/backup		4096	мая 21 23:25	tmp
/monthly		4096	авг 19 10:03	usr
/play		4096	авг 22 10:23	var
/reports		4096	авг 19 10:08	
/ski.plase		4096	авг 28 18:16	
UP - - DIR				/
			28G/39G (72%)	

```
/home/danila/file.txt  
acpi  
adduser.conf  
alsa  
alternatives  
anacrontab  
apg.conf  
apm  
apparmor  
apparmor.d  
appport  
appstream.conf  
apt  
avahi  
bash.bashrc  
bash_completion  
bash_completion.d  
bindresvport.blacklist  
binfmt.d  
bluetooth  
brlapi.key  
brltty  
brltty.conf  
ca-certificates  
ca-certificates.conf  
ca-certificates.conf.dpkg-old
```

GNU nano 4.8

/home/danila/file.txt

Modified

```
acpi
adduser.conf
alternatives
anacrontab
apg.conf
apm
apparmor
apparmor.d
appport
appstream.conf
apt
avahi
bash.bashrc
bash_completion
bash_completion.d
bindresvport.blacklist
binfmt.d
bluetooth
```

Create a new Directory

Enter directory name:

file.txt

[^]

[< OK >] [Cancel]

Copy

Copy file "file.txt" with source mask:

* [^]

[x] Using shell patterns

to:

/home/danila/lab8 [^]

[] Follow links

[] Dive into subdir if exists

[x] Preserve attributes

[] Stable symlinks

[< OK >] [Background] [Cancel]

Left	File	Command	Options
<- ~/lab8			.[^]>
.n	Name	Size	Modify time
/..		UP--DIR	abr 28 18:37
file.txt		2421	abr 24 14:30
UP - - DIR			
28G/39G (72%)			

Find File

Start at:

[^] [Tree]

[x] Enable ignore directories:

[^]

File name:

[^]

Content:

[^]

[x] Find recursively

[] Whole words

[x] Using shell patterns

[] Regular expression

[x] Case sensitive

[x] Case sensitive

[] All charsets

[] All charsets

[] Skip hidden

[] First hit

Left	File	Command	Option
<-	~		.[^]>
.n	Name	Size	Modify time
/. .		UP--DIR	мая 14 14:30
/.cache		4096	авг 28 17:43
/.config		4096	авг 28 17:43
/.gnupg		4096	авг 12 20:05
/.local		4096	мая 15 10:55
/.mozilla		4096	мая 15 11:18
/.ssh		4096	мая 21 16:55
/Desktop		4096	мая 21 23:10
/Documents		4096	мая 15 10:55
/Downloads		4096	мая 15 10:55
/Music		4096	мая 15 10:55
/Pictures		4096	мая 15 10:55
/Public		4096	мая 15 10:55
/Templates		4096	мая 15 10:55
/Videos		4096	мая 15 10:55
/backup		4096	мая 21 23:25
/lab8		4096	авг 28 18:38
/monthly		4096	авг 19 10:03
/play		4096	авг 22 10:23
/reports		4096	авг 19 10:08
UP--DIR			
		History	
		d	
Hint: Leap to frequent			
danila@dsnoveseljev:~\$			
1	Help	2	Menu
3	View	4	Edit
5	Copy		

GNU nano 4.8 /home/danila/.config/mc/mc.ext

```
# Midnight Commander 3.0 extension file
# Warning: Structure of this file has changed completely with version 3.0
#
# All lines starting with # or empty lines are thrown away.
# Lines starting in the first column should have following format:
#
# keyword/descNL, i.e. everything after keyword/ until new line is desc
#
# keyword can be:
#
#     shell (desc is, when starting with a dot, any extension (no wildcars),
#           i.e. matches all the files *desc . Example: .tar matches *.tar;
#           if it doesn't start with a dot, it matches only a file of that name)
#
#     shell/i (desc is, when starting with a dot, any extension (no wildcars),
#            The same as shell but with case insensitive.
#
```

GNU nano 4.8

/home/danila/.config/mc/menu

shell_patterns=0

#####

```
#  %%  The % character
#  %f  The current file (if non-local vfs, file will be copied locally and
#      %f will be full path to it)
#  %p  The current file
#  %d  The current working directory
#  %s  "Selected files"; the tagged files if any, otherwise the current file
#  %t  Tagged files
#  %u  Tagged files (and they are untagged on return from expand_format)
#  %view Runs the commands and pipes standard output to the view command
#  If %view is immediately followed by '{', recognize keywords
#  ascii, hex, nroff and uniform
#
#  If the format letter is in uppercase, it refers to the other panel
#
#  With a number followed the % character you can turn quoting on (default)
```

Panel options

Main options

- ☒ Show mini-status
- ☐ Use SI size units
- ☐ Mix all files
- ☒ Show backup files
- ☒ Show hidden files
- ☐ Fast dir reload
- ☒ Mark moves down
- ☒ Reverse files only
- ☐ Simple swap
- ☐ Auto save panels setup

Navigation

- ☐ Lynx-like motion
- ☒ Page scrolling
- ☐ Center scrolling
- ☒ Mouse page scrolling

File highlight

- ☒ File types
- ☐ Permissions

Quick search

- ☐ Case insensitive
- ☐ Case sensitive
- ☒ Use panel sort mode

Задание по встроенному редактору tc

```
danila@dsnovoseljcev:~$ touch text.txt  
danila@dsnovoseljcev:~$
```

GNU nano 4.8

/home/danila/text.txt

```
[ Read 0 lines ]
^G Get Help    ^O Write Out   ^W Where Is    ^K Cut Te
^X Exit        ^R Read File   ^\ Replace     ^U Paste
```


GNU nano 4.8

/home/danila/text.txt

Modified

На дворе трава,
На траве дрова.
Не руби дрова
На траве двора. █

GNU nano 4.8

/home/danila/text.txt

Modified

На траве дрова.
Не руби дрова
На траве двора.

GNU nano 4.8

/home/danila/text.txt

Modified

На дворе трава,
На траве дрова.
Не руби дрова,
На траве двора.

GNU nano 4.8

/home/danila/text.txt

Modified

На траве дрова.

Не руби дрова

На траве двора.

Не руби дрова

GNU nano 4.8

/home/danila/text.txt

На дворе трава,
Не руби дрова
Не руби дрова,
На траве двора.
На траве дрова.

I

```
GNU nano 4.8                               /home/danila/text.txt
На дворе трава,
Не руби дрова
Не руби дрова,
На траве двора.
█

[ Undid paste ]
^G Get Help      ^O Write Out     ^W Where Is      ^K Cut Te
^X Exit          ^R Read File     ^\ Replace       ^U Paste
```

GNU nano 4.8

/home/danila/text.txt

Modified

Once...

На дворе трава,

Не руби дрова

Не руби дрова,

На траве двора.

Why cut?

I

```
danila@dsnovoseljcev:~$ cat text.txt
```

Once...

На дворе трава,

Не руби дрова

Не руби дрова,

На траве двора.

Why cut?

```
danila@dsnovoseljcev:~$
```


Panel options

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