



СУПЕРКОМПЬЮТЕРНЫЙ ЦЕНТР
Южно-Уральского государственного университета

Передача файлов задачи
с пользовательского компьютера
на вычислительный кластер
ЮУрГУ «СКИФ Урал»
и получение результатов расчета



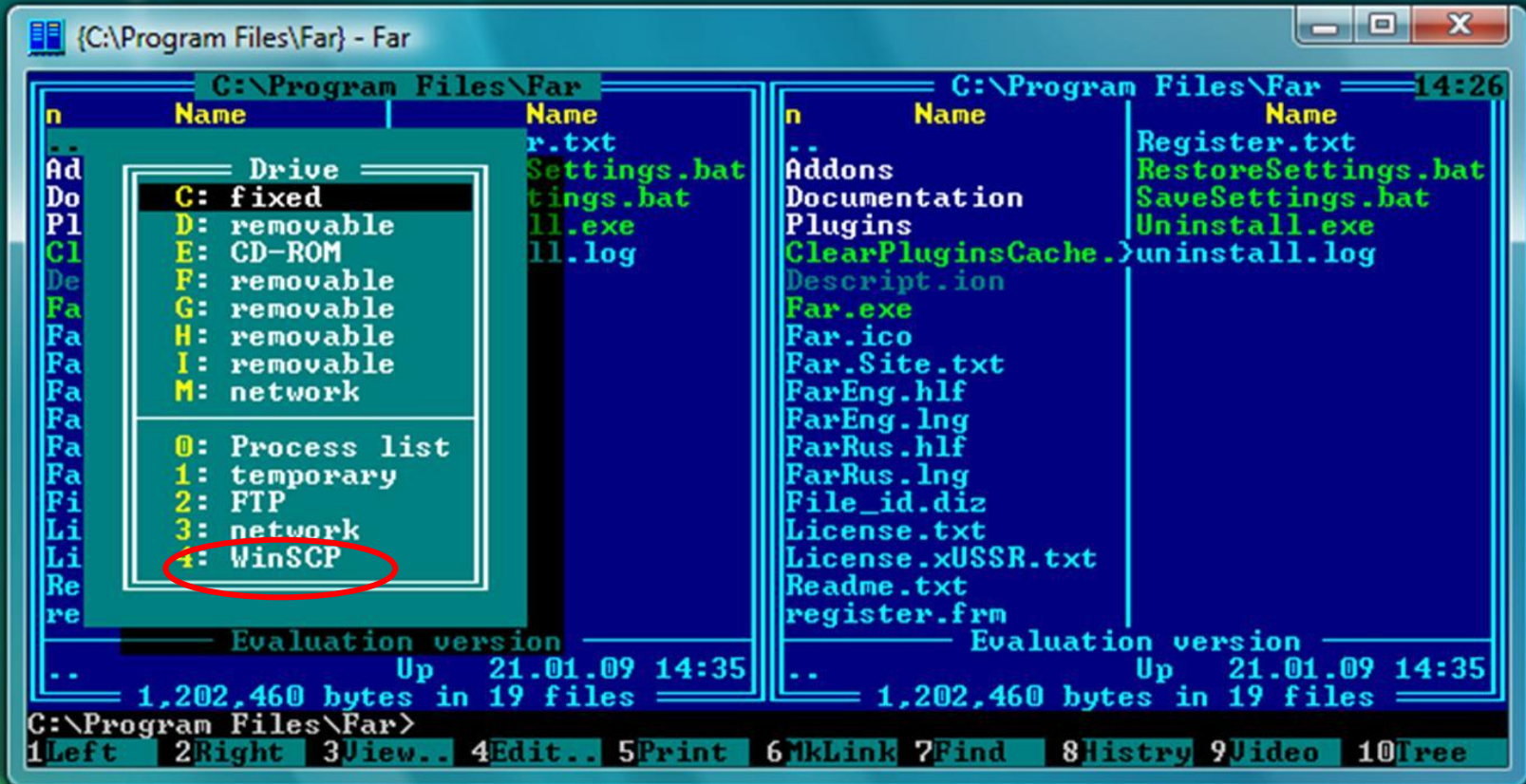
Копирование файлов на кластер и получение результатов расчета с кластера осуществляется с помощью Far Manager

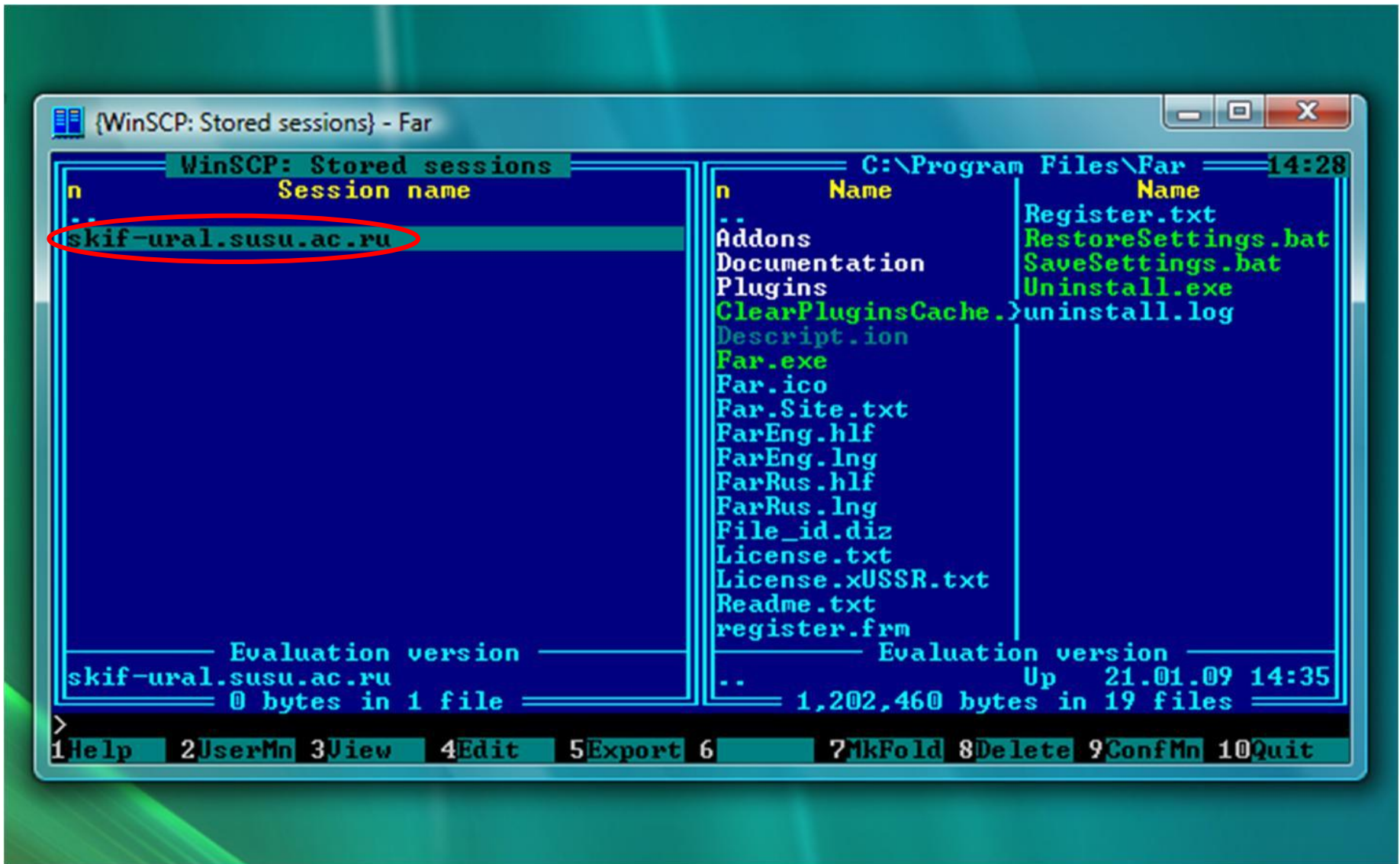
```
C:\Program Files\Far - Far
C:\Program Files\Far
n Name
Addons Register.txt
Documentation RestoreSettings.bat
Plugins SaveSettings.bat
ClearPluginsCache Uninstall.exe
Description Uninstall.log
Far.exe
Far.ico
Far.Site.txt
FarEng.hlf
FarEng.lng
FarRus.hlf
FarRus.lng
File_id.diz
License.txt
License.xUSSR.txt
Readme.txt
register.frm
Evaluation version
.. Up 21.01.09 14:35
1,202,460 bytes in 19 files
C:\Program Files\Far>

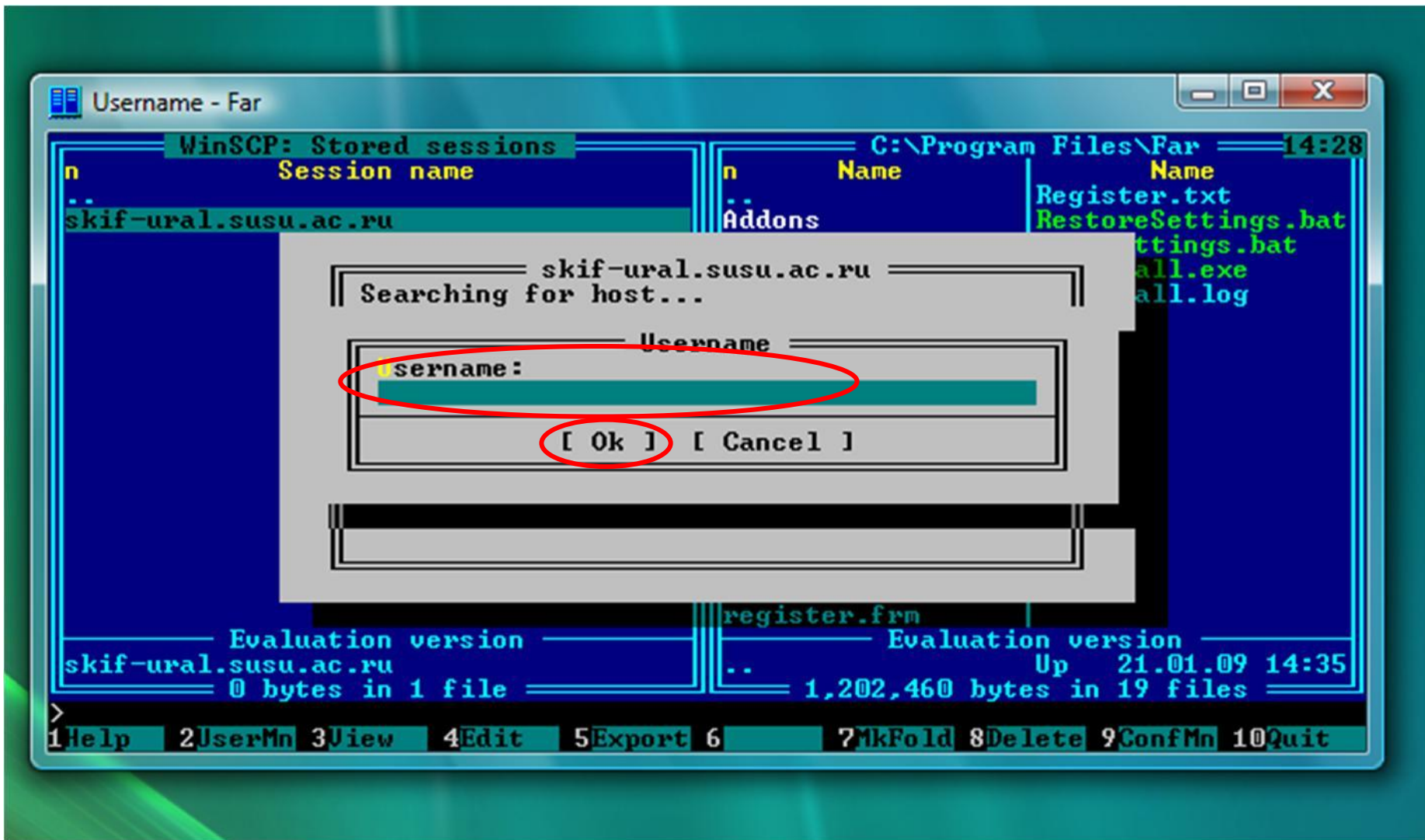
C:\Program Files\Far
n Name
Addons Register.txt
Documentation RestoreSettings.bat
Plugins SaveSettings.bat
ClearPluginsCache Uninstall.exe
Description Uninstall.log
Far.exe
Far.ico
Far.Site.txt
FarEng.hlf
FarEng.lng
FarRus.hlf
FarRus.lng
File_id.diz
License.txt
License.xUSSR.txt
Readme.txt
register.frm
Evaluation version
.. Up 21.01.09 14:35
1,202,460 bytes in 19 files
C:\Program Files\Far>

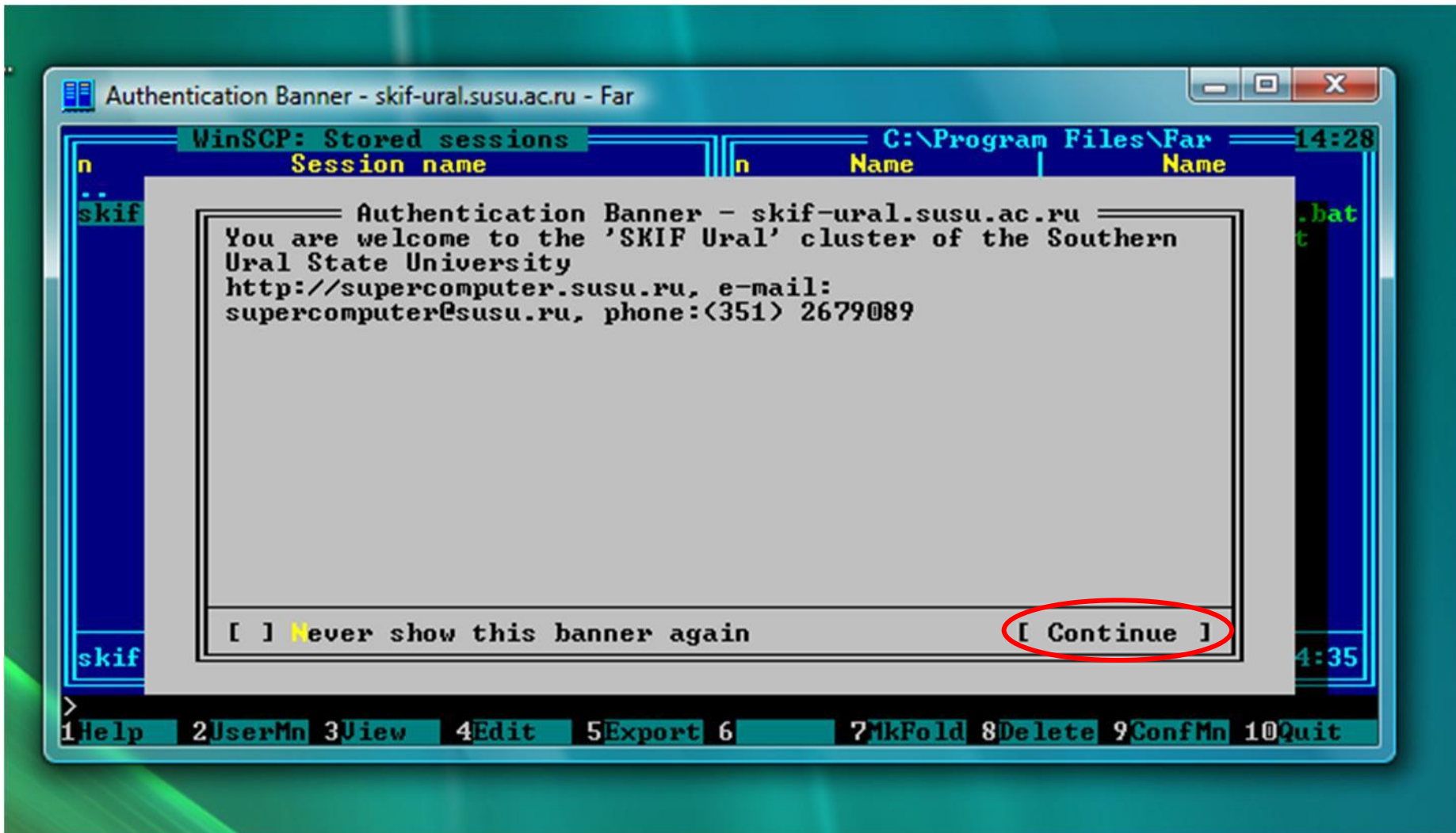
1Help 2UserFm 3View 4Edit 5Copy 6RenMov 7MkFold 8Delete 9ConfMn 10Quit
```

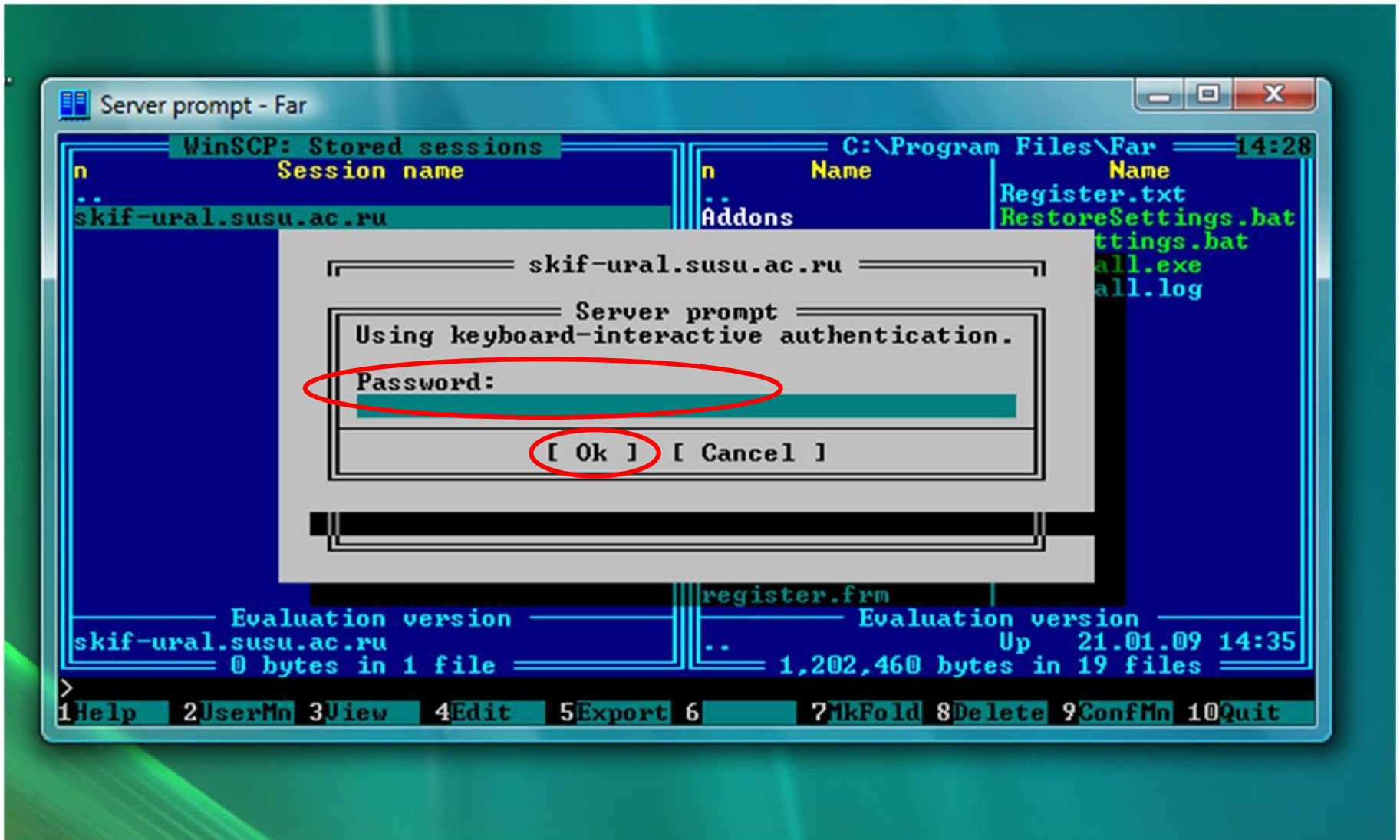
Alt+F1












```

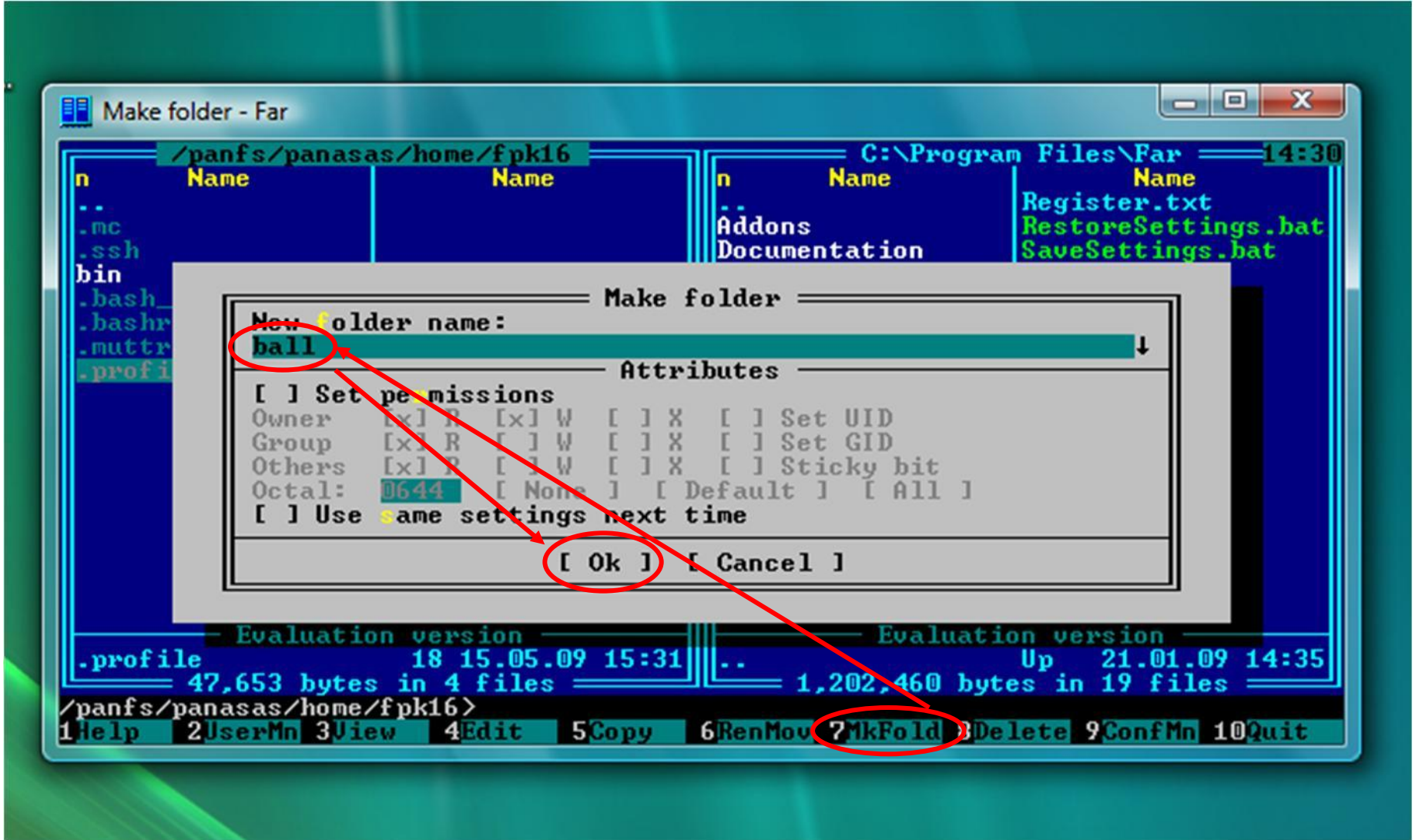
[Icons] /panfs/panasas/home/fpk16) - Far
----- /panfs/panasas/home/fpk16 -----
n      Name
..
.mc
.ssh
bin
.bash_history
.bashrc
.muttrc
.profile
-----
Evaluation version
.profile 18 15.05.09 15:31
47,653 bytes in 4 files
-----

[Icons] C:\Program Files\Far ----- 14:30
n      Name
..
Addons
Documentation
Plugins
ClearPluginsCache.
Description
Far.exe
Far.ico
Far.Site.txt
FarEng.hlf
FarEng.lng
FarRus.hlf
FarRus.lng
File_id.diz
License.txt
License.xUSSR.txt
Readme.txt
register.frm
Register.txt
RestoreSettings.bat
SaveSettings.bat
Uninstall.exe
uninstall.log
-----
Evaluation version
Up 21.01.09 14:35
1,202,460 bytes in 19 files
-----

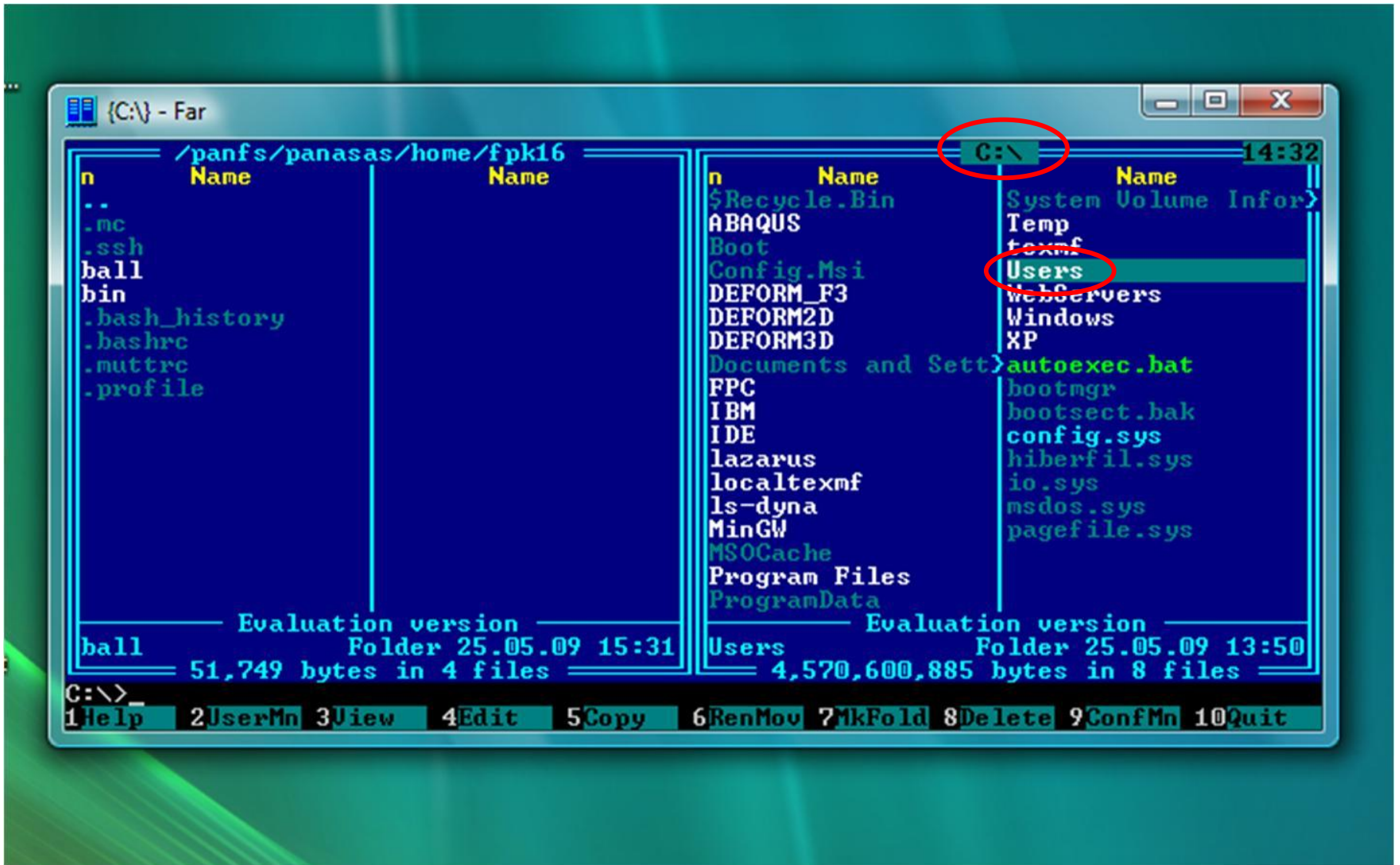
/panfs/panasas/home/fpk16>
1Help 2UserMn 3View 4Edit 5Copy 6RenMov 7MkFold 8Delete 9ConfMn 10Quit

```

Создание папки ball







{C:\Users} - Far

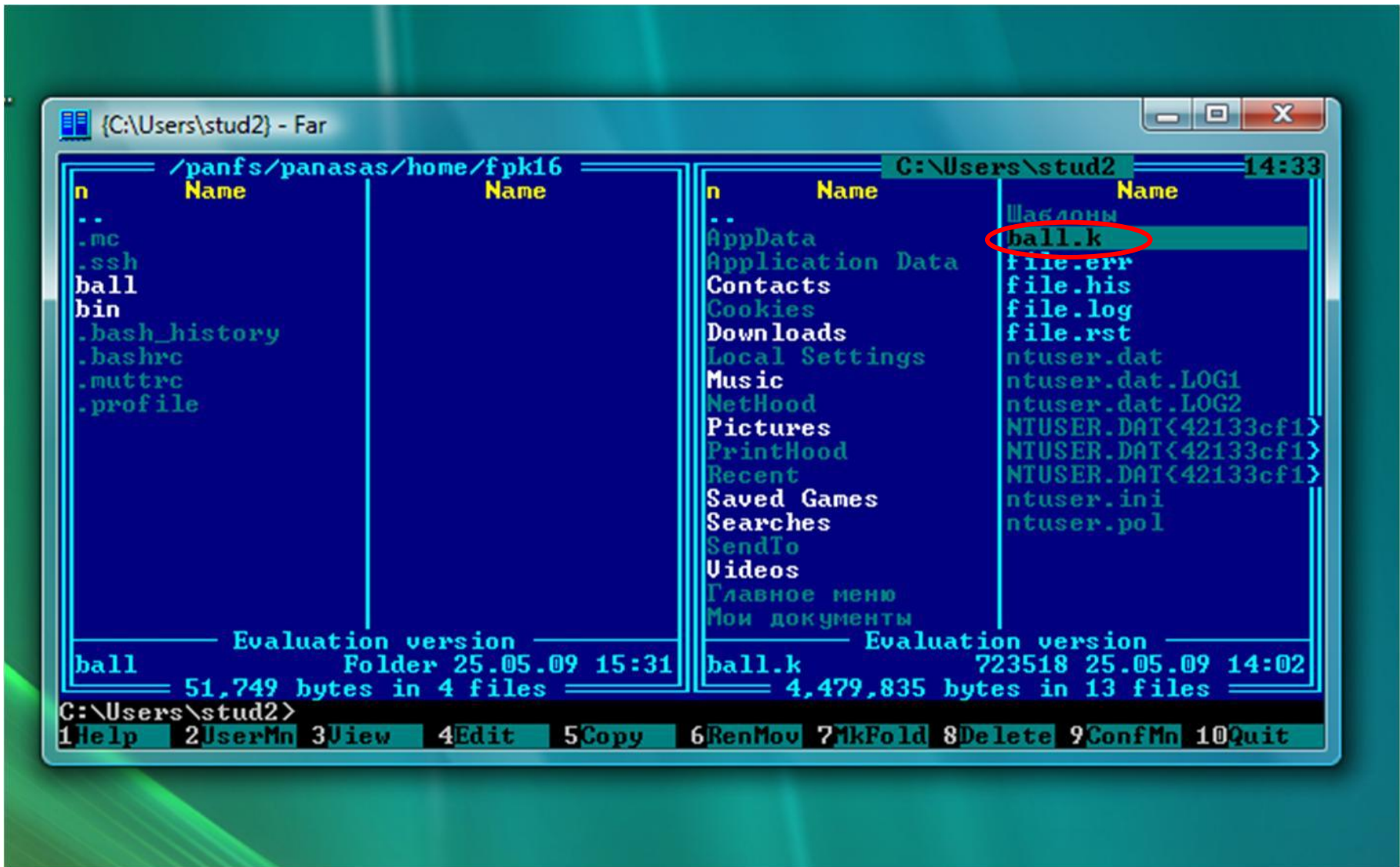
/panfs/panasas/home/fpk16		C:\Users	
n	Name	n	Name
..		mm226-06	
.mc		mm226-14	
.ssh		mm226-28	
ball		mm226-29	
bin		mm316-03	
.bash_history		mm316-05	
.bashrc		mm316-08	
.muttrc		mm316-15	
.profile		mm316-18	
		mm316-20	
		mm316-21	
		pavel	
		ps379-05	
		Public	
		raya	
		sham	
		silkina	
		stud2	
		mm226-02	
		mm226-03	
		mm226-04	
		mm226-05	

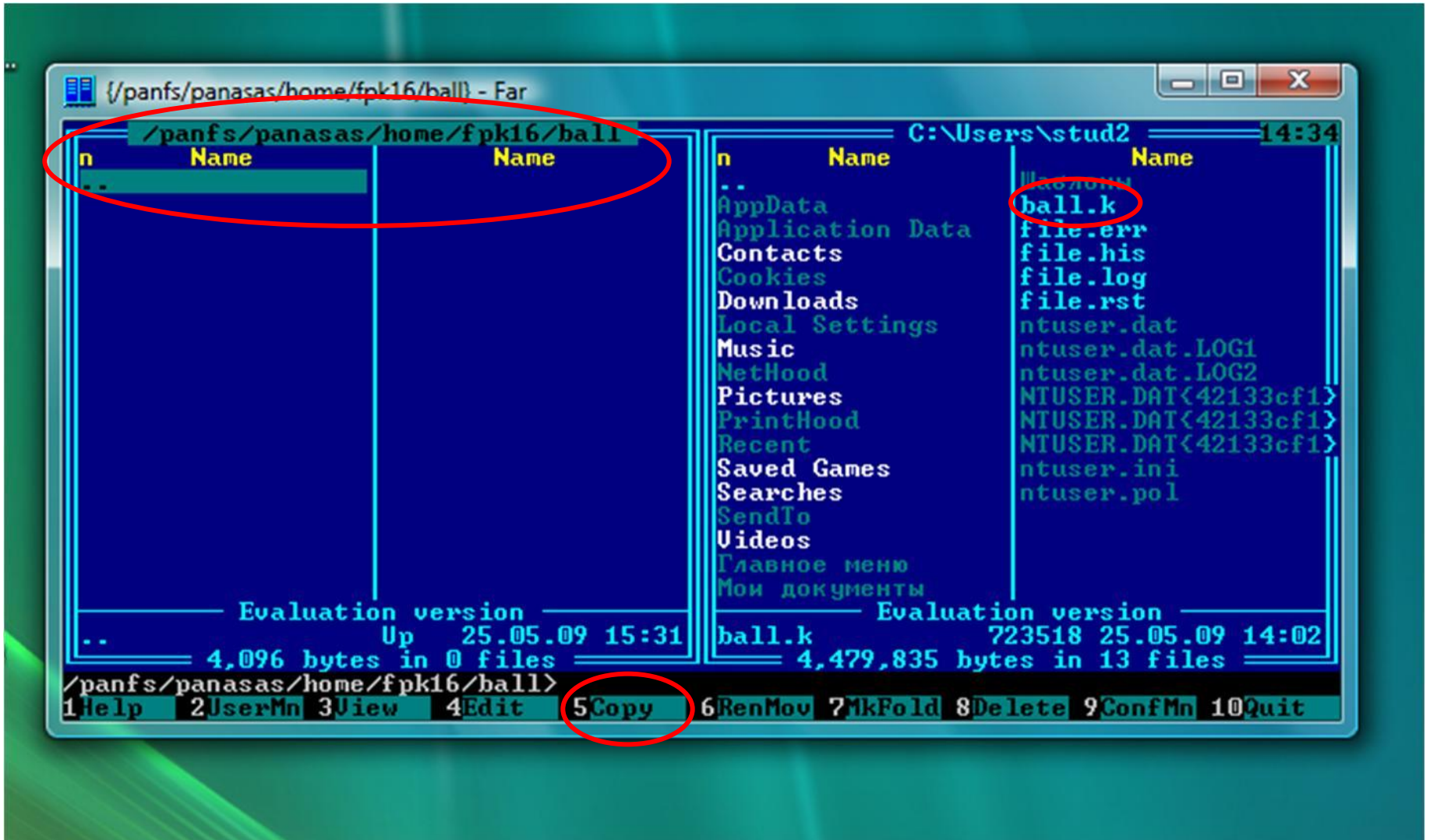
Evaluation version
 ball Folder 25.05.09 15:31
 51,749 bytes in 4 files

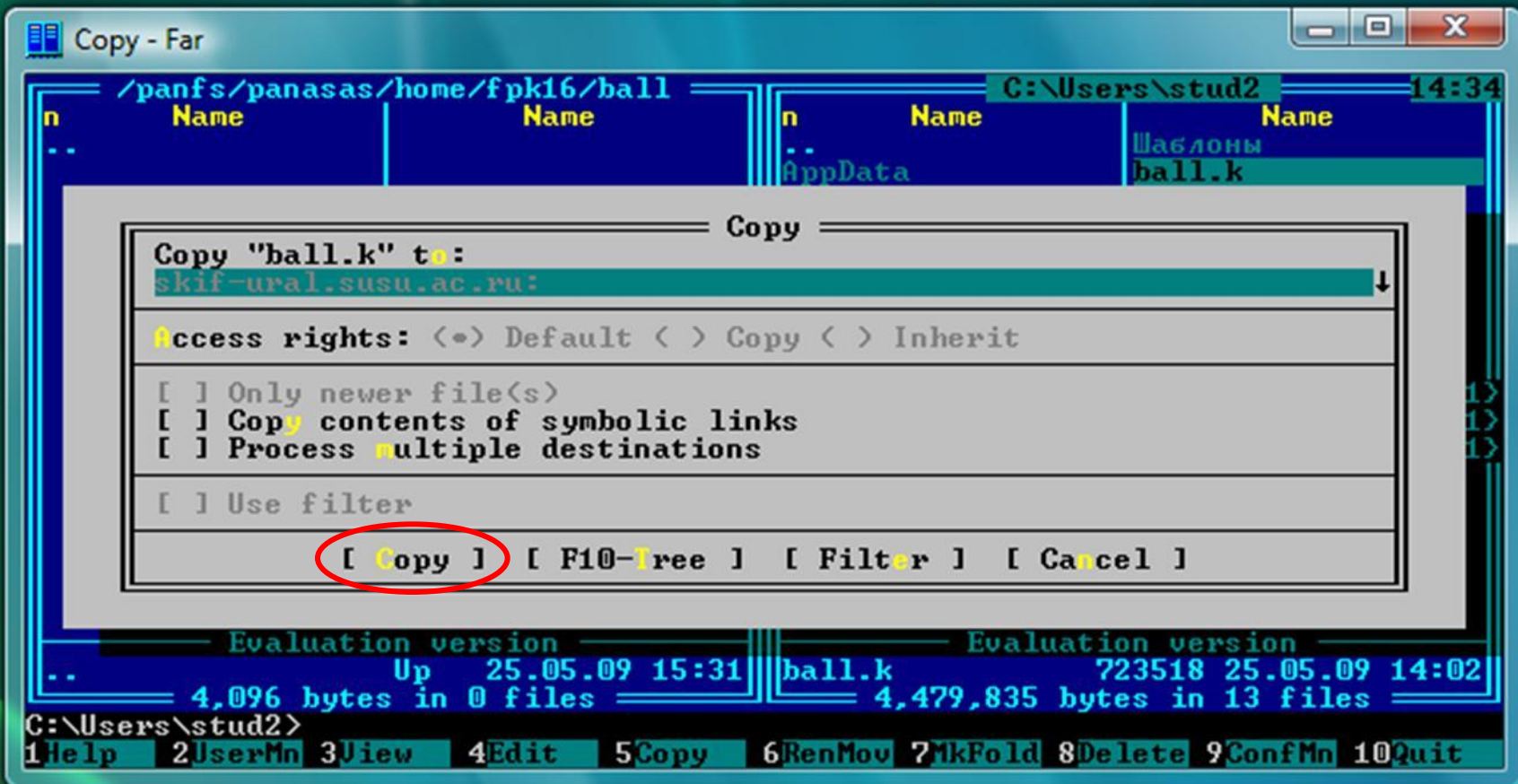
Evaluation version
 stud2 Folder 22.05.09 13:33
 174 bytes in 1 file

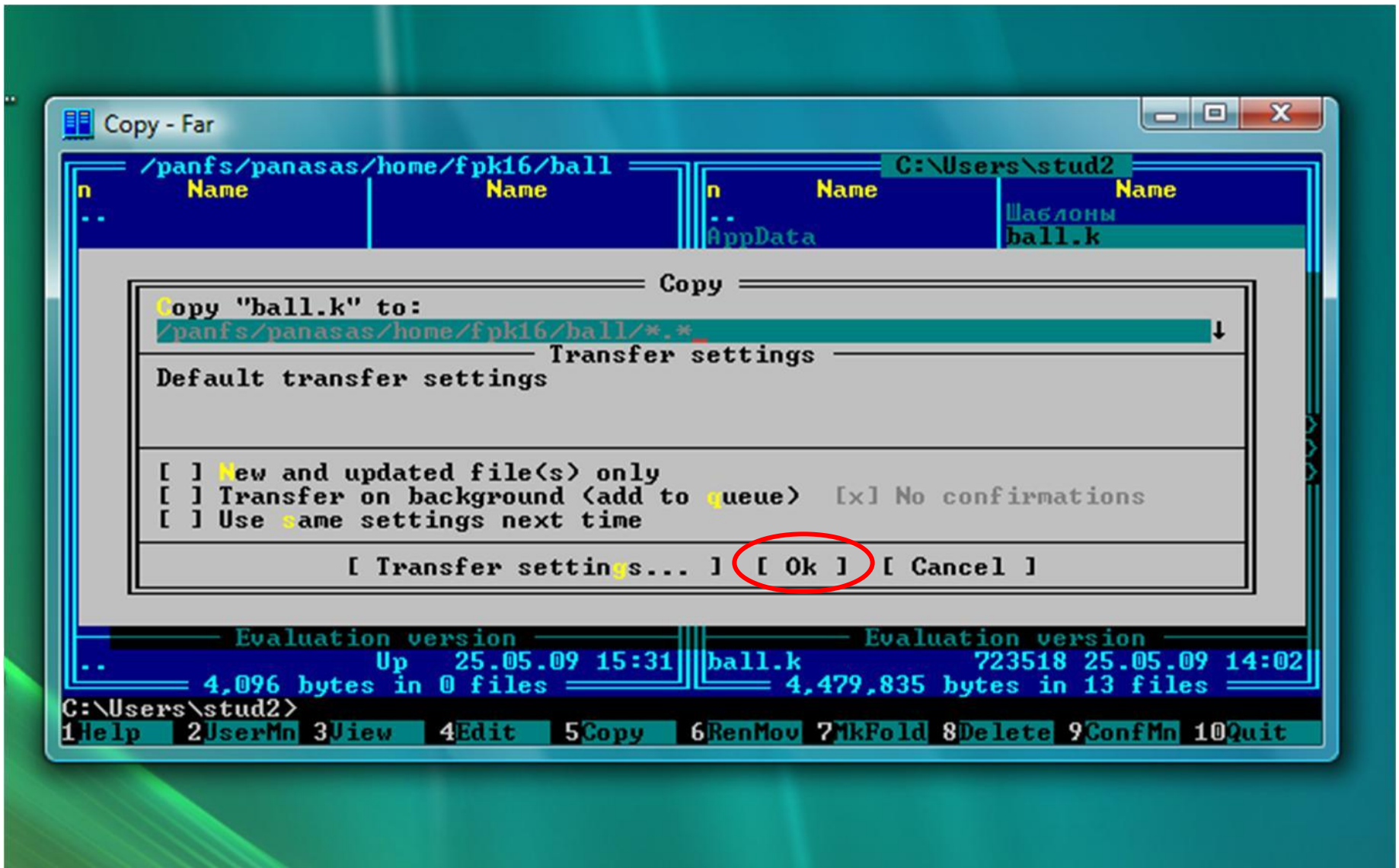
C:\Users>

1 Help 2 UserMn 3 View 4 Edit 5 Copy 6 RenMov 7 MkFold 8 Delete 9 ConfMn 10 Quit

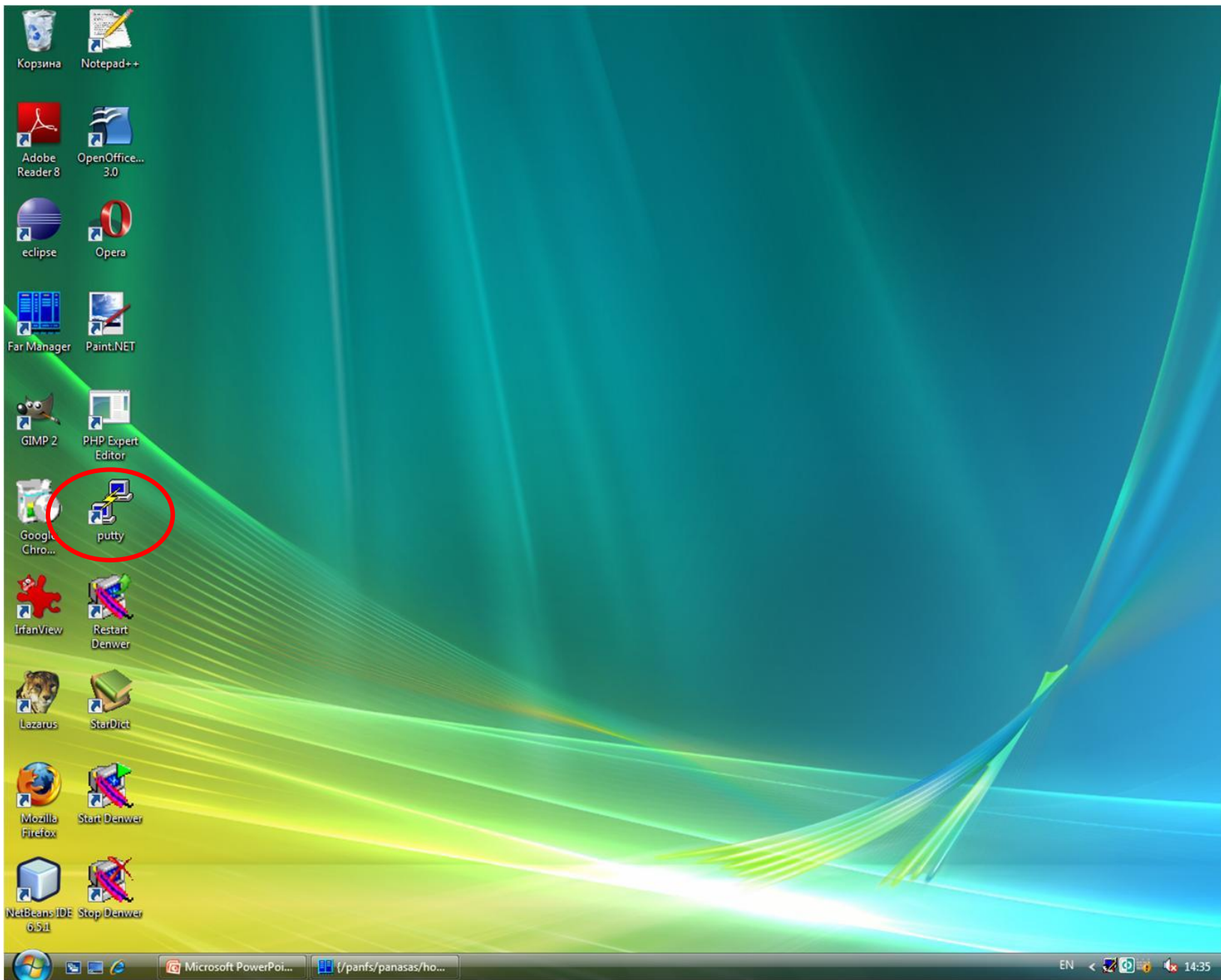




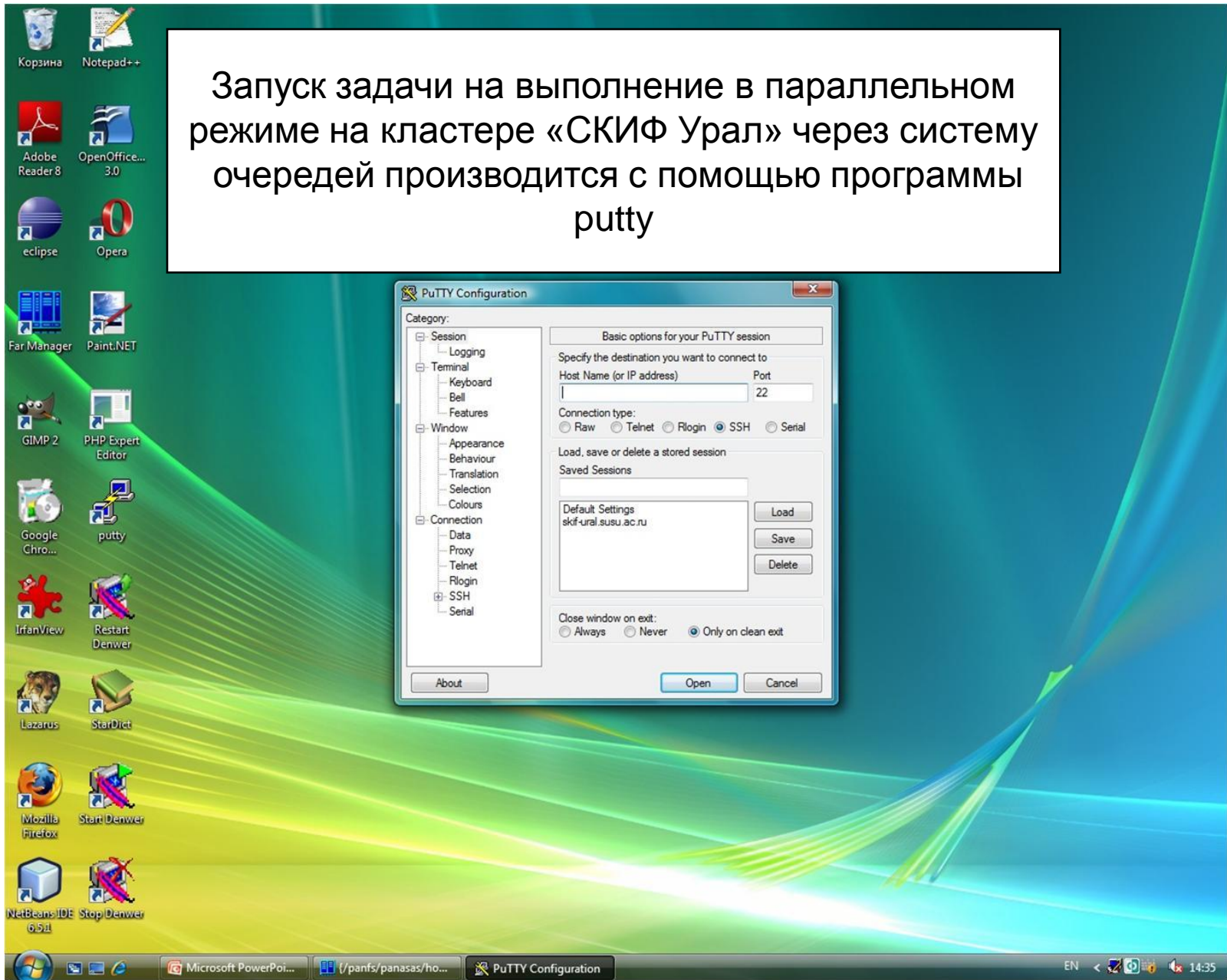


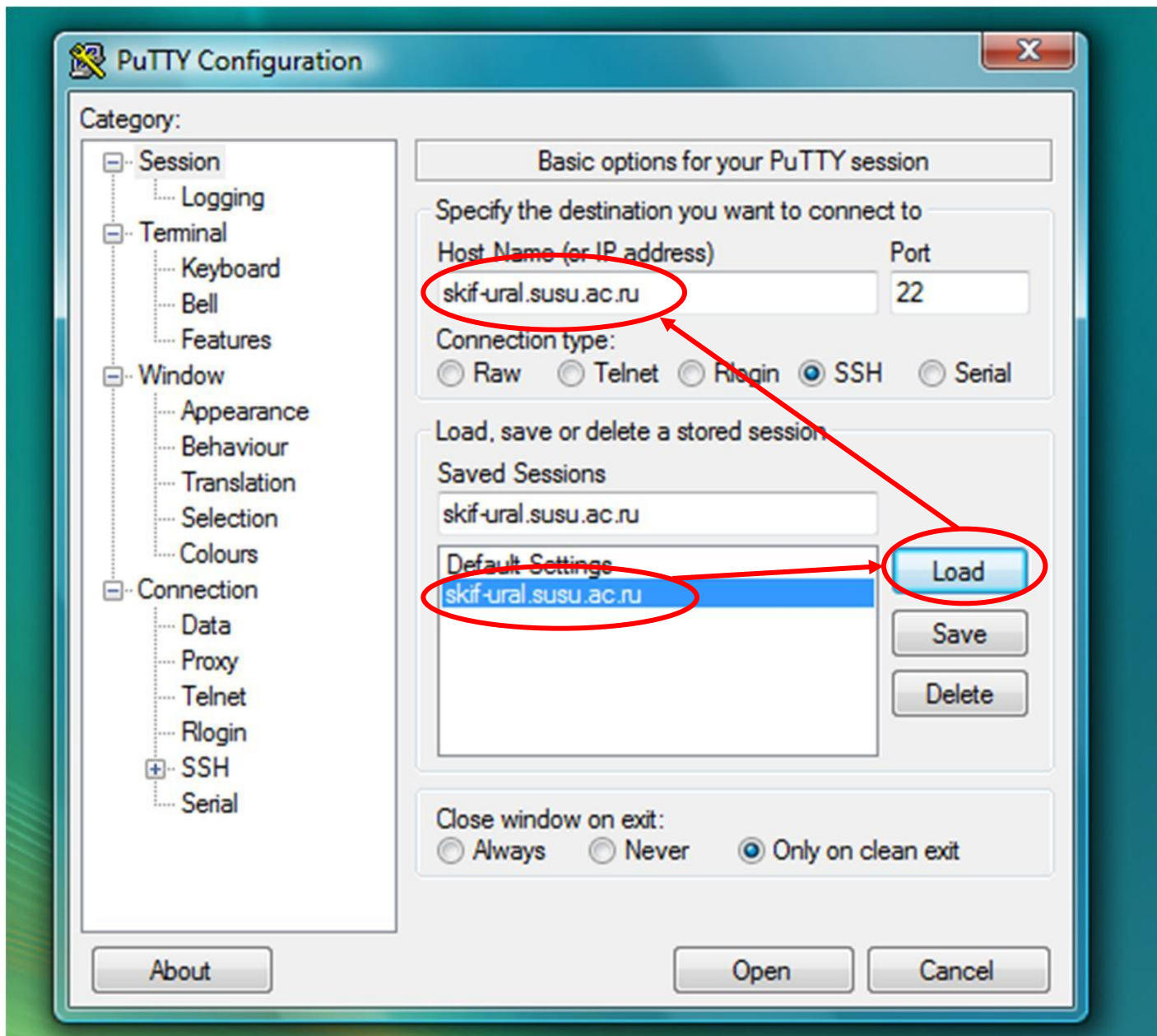


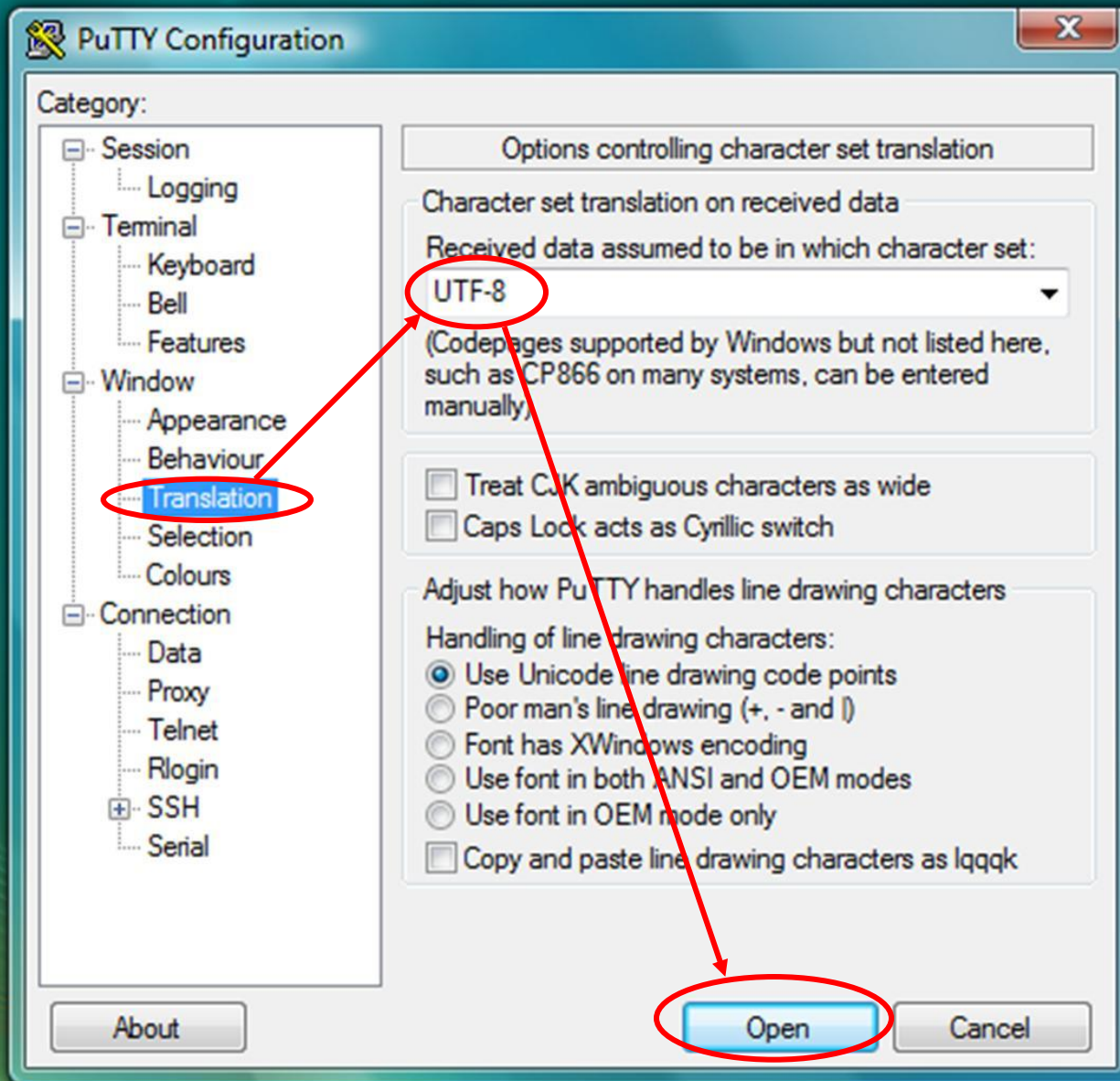


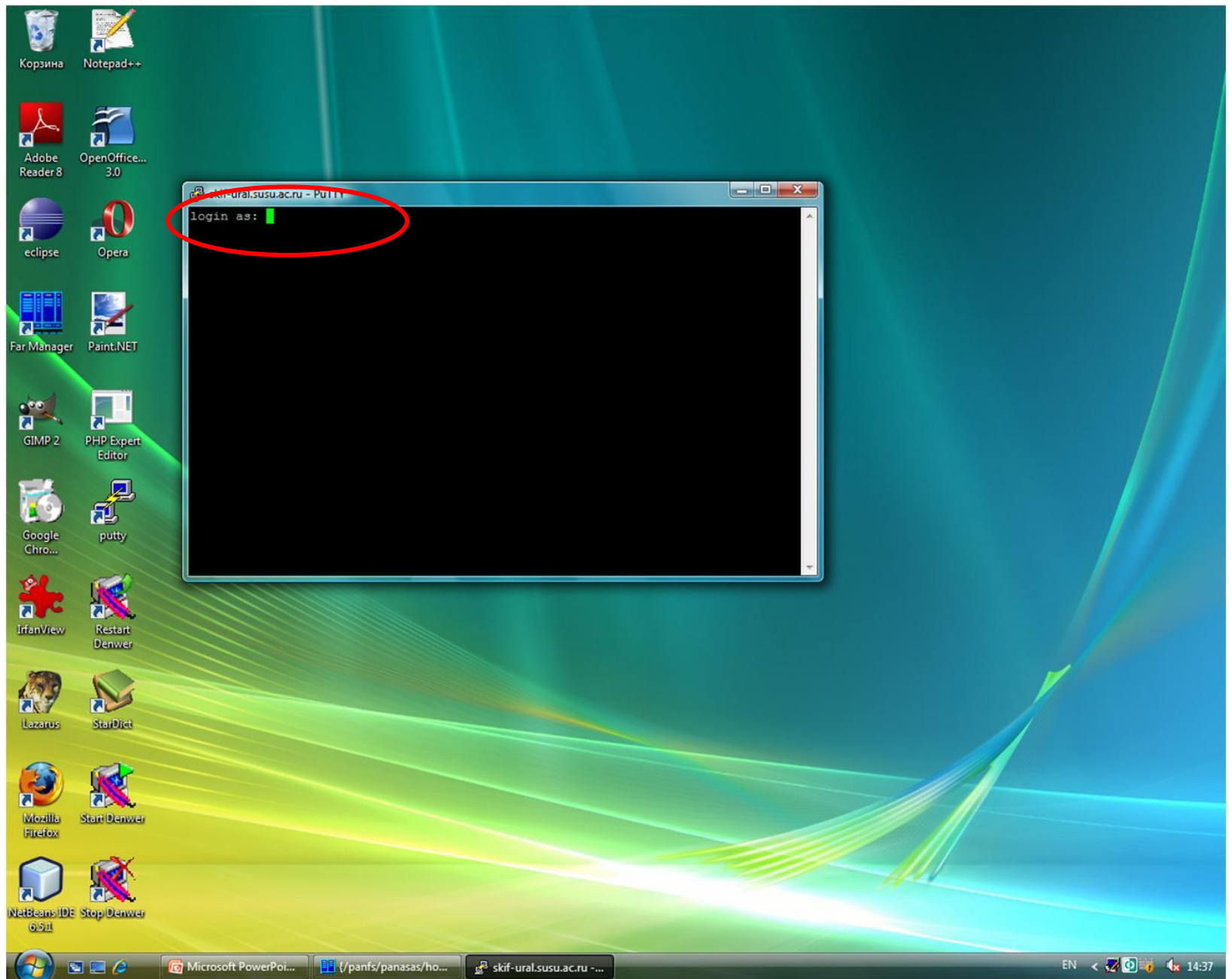


Запуск задачи на выполнение в параллельном режиме на кластере «СКИФ Урал» через систему очереди производится с помощью программы putty









```
skif-ural.susu.ac.ru - PuTTY
login as: fpk16
You are welcome to the 'SKIF Ural' cluster of the Southern Ural State University
http://supercomputer.susu.ru, e-mail: supercomputer@susu.ru, phone: (351) 2679089

Using keyboard-interactive authentication.
Password: █
```


skif-ural.susu.ac.ru - PuTTY

login as: fpk16

You are welcome to the 'SKIF Ural' cluster of the Southern Ural State University
http://supercomputer.susu.ru, e-mail: supercomputer@susu.ru, phone:(351) 2679089

Using keyboard-interactive authentication.

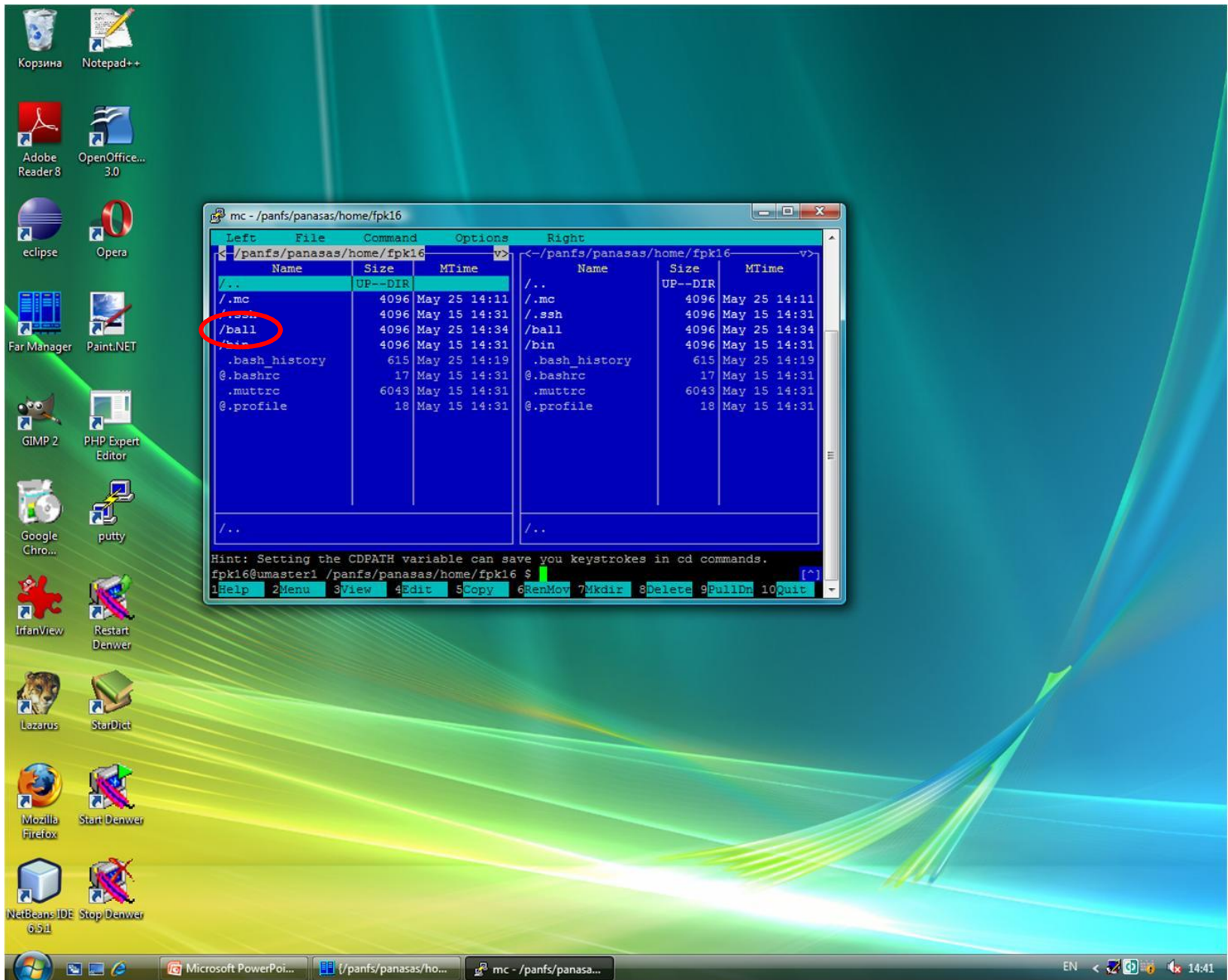
Password:

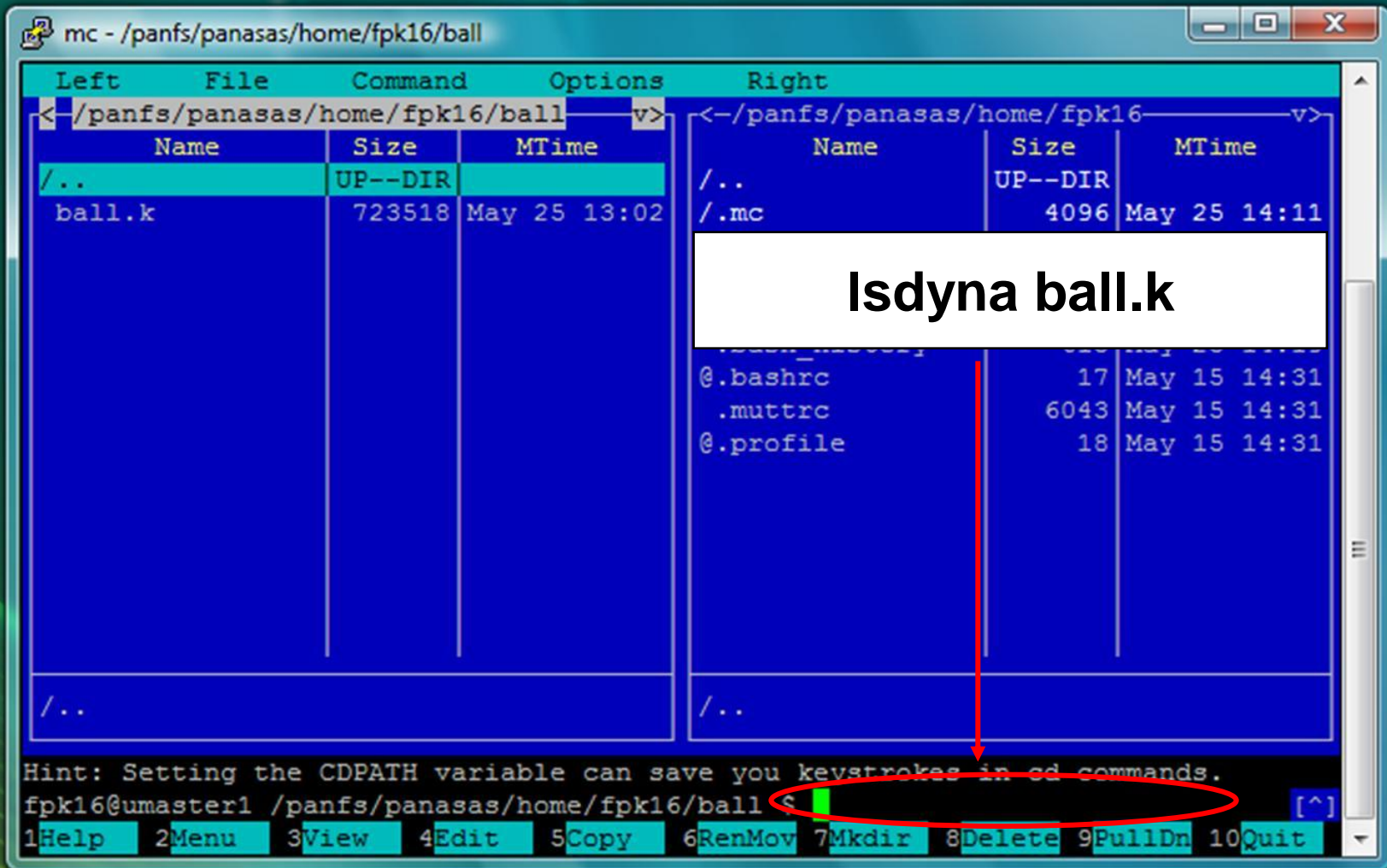
Last login: Mon May 25 14:09:30 2009 from mim1.mim.susu.ac.ru

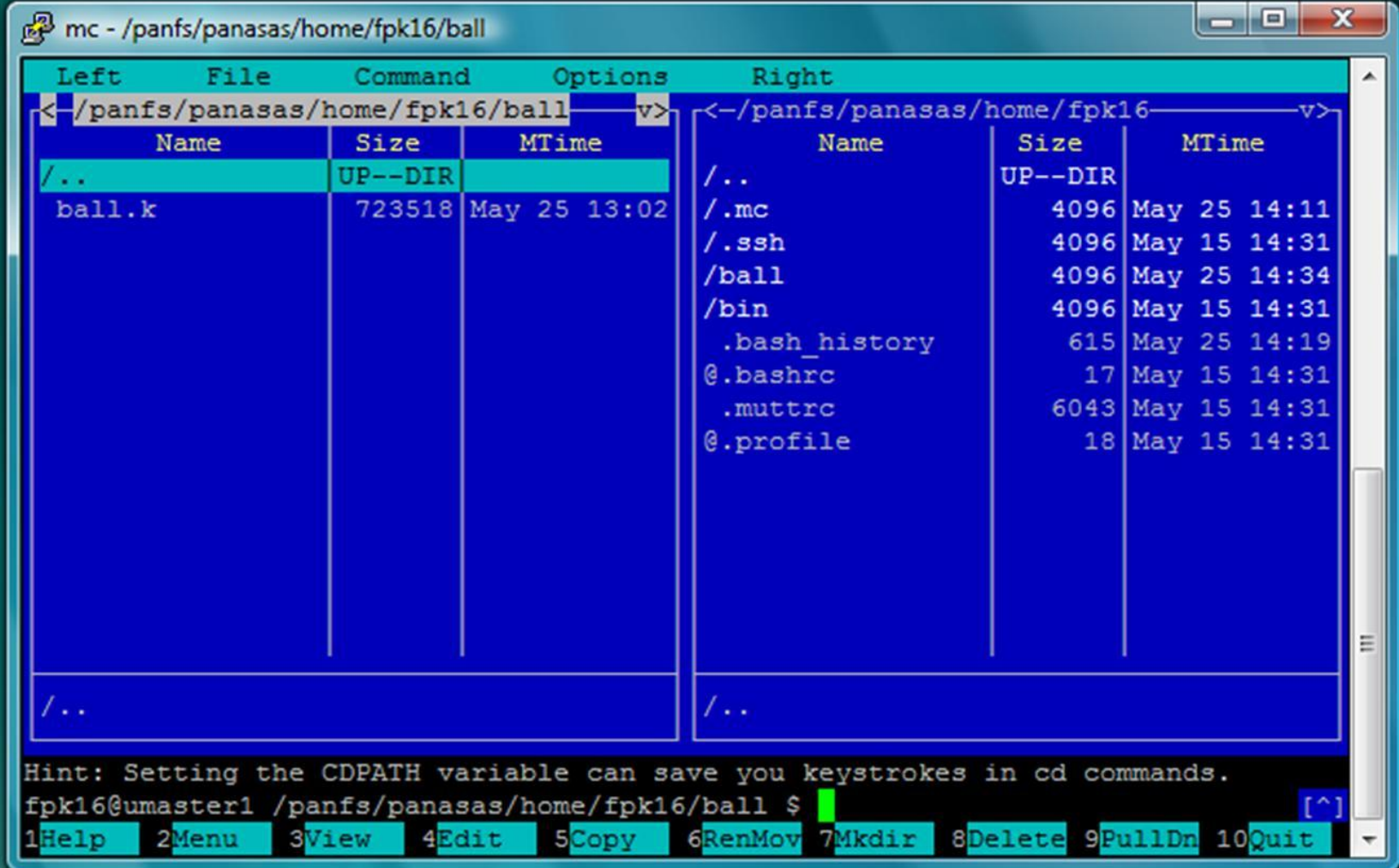
fpk16@umaster1 ~ \$ █

```
skif-ural.susu.ac.ru - PuTTY
login as: fpk16
You are welcome to the 'SKIF Ural' cluster of the Southern Ural State University
http://supercomputer.susu.ru, e-mail: supercomputer@susu.ru, phone:(351) 2679089

Using keyboard-interactive authentication.
Password:
Last login: Mon May 25 14:09:30 2009 from mim1.mim.susu.ac.ru
fpk16@umaster1 ~ $ mc
```







Ctrl+R

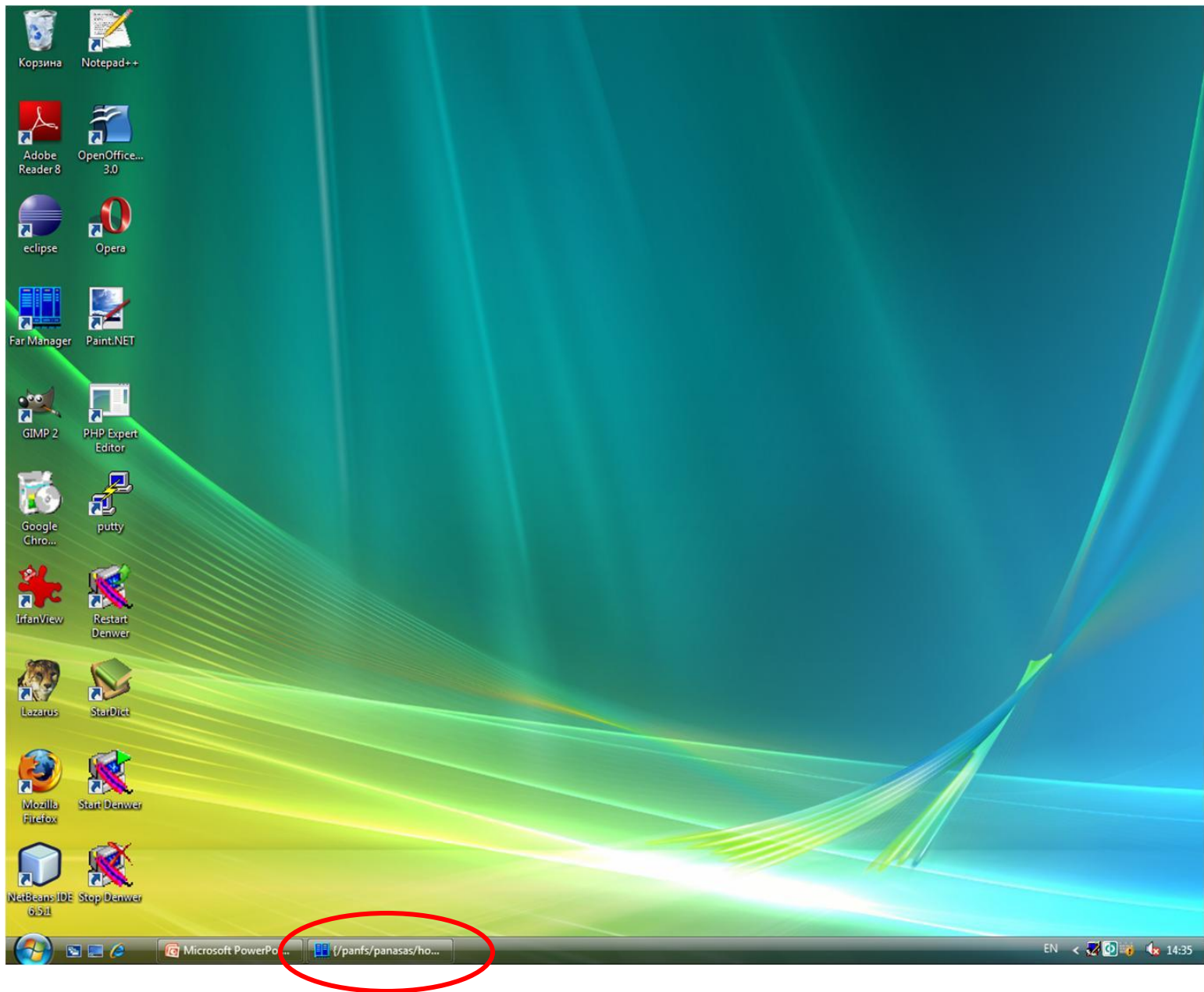
mc - /panfs/panasas/home/fpk16/ball

Left	File	Command	Options	Right		
< /panfs/panasas/home/fpk16/ball v>				<- /panfs/panasas/home/fpk16 v>		
Name	Size	MTime		Name	Size	MTime
../	UP--DIR			../	UP--DIR	
adptmp	1232264	May 25 14:44		/.mc	4096	May 25 14:11
ball.k	723518	May 25 13:02		/.ssh	4096	May 15 14:31
*bg_switch	31	May 25 14:44		/ball	4096	May 25 14:34
d3hsp	1335653	May 25 14:45		/bin	4096	May 15 14:31
d3plot	25571K	May 25 14:45		.bash_history	615	May 25 14:19
d3thdt	296964	May 25 14:45		@.bashrc	17	May 15 14:31
disk8.0000	143604	May 25 14:44		.muttrc	6043	May 15 14:31
ldcrvv	0	May 25 14:44		@.profile	18	May 15 14:31
mes0000	18788	May 25 14:45				
scr0000	1252520	May 25 14:44				
scr0000h	4585	May 25 14:44				
status.out	1340	May 25 14:44				
../				../		

Hint: Are some of your keys not working? Look at Options/Learn keys.

fpk16@umaster1 /panfs/panasas/home/fpk16/ball \$ [^]

1Help 2Menu 3View 4Edit 5Copy 6RenMov 7Mkdir 8Delete 9PullDn 10Quit



Ctrl+R

```
{/panfs/panasas/home/fpk16/ball} - Far
```

/panfs/panasas/home/fpk16/ball		C:\Users\stud2	
n	Name	n	Name
..		Шаблоны	
ball.k		ball.k	
		file.err	
		file.his	
		file.log	
		file.rst	
		ntuser.dat	
		ntuser.dat.LOG1	
		ntuser.dat.LOG2	
		NTUSER.DAT<42133cf1>	
		NTUSER.DAT<42133cf1>	
		NTUSER.DAT<42133cf1>	
		ntuser.ini	
		ntuser.pol	

Evaluation version Up 25.05.09 15:31 727,614 bytes in 1 file

ball.k 723518 25.05.09 14:02 4,479,835 bytes in 13 files

```
{/panfs/panasas/home/fpk16/ball}>
```

1|help 2|UserMn 3|View 4|Edit 5|Copy 6|RenMov 7|MkFold 8>Delete 9|ConfMn 10|Quit

