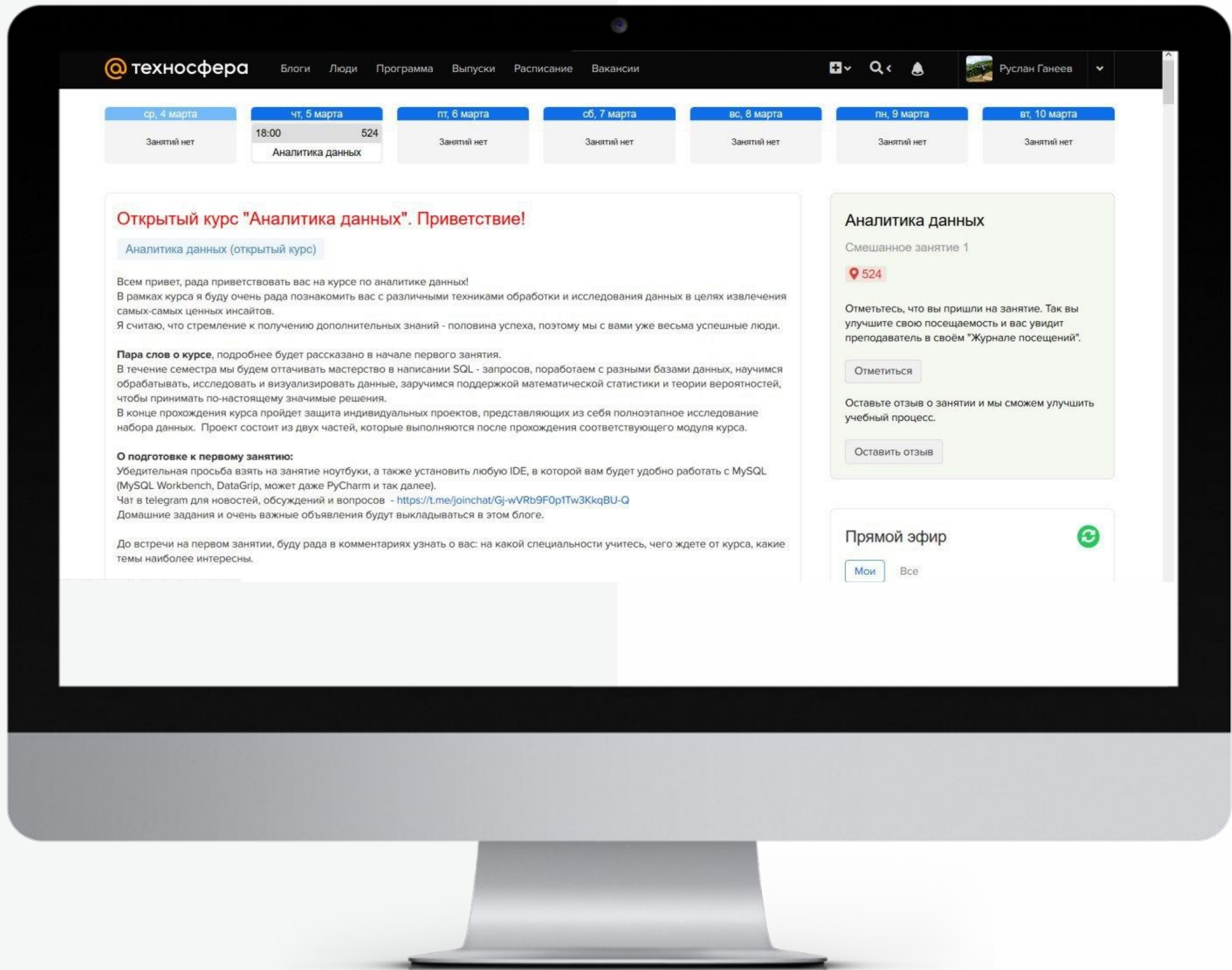


Автоматизированное тестирование

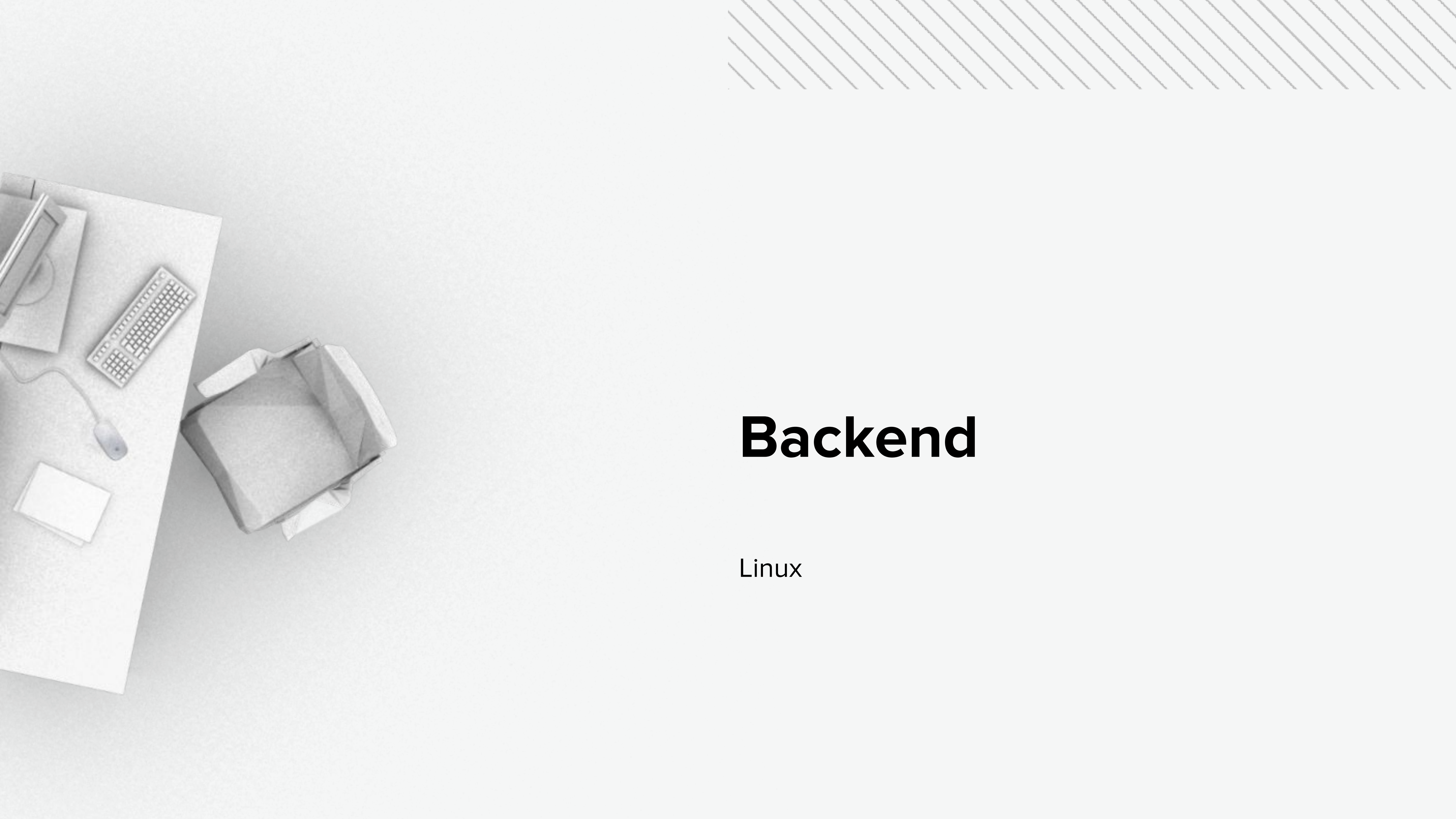
Константин Волков



образование



Не забудьте
отметиться
на портале



Backend

Linux



Linux

#04

A problem has been detected and windows has been shut down to prevent damage to your computer.

NO_MORE_IRP_STACK_LOCATIONS

If this is the first time you've seen this Stop error screen, restart your computer. If this screen appears again, follow these steps:

Check to make sure that any new hardware or software is properly installed. If this is a new installation, ask your hardware or software manufacturer for any Windows updates you might need.

If problems continue, disable or remove any newly installed hardware or software. Disable BIOS memory options such as caching or shadowing. If you need to use Safe Mode to remove or disable components, restart your computer, press F8 to select Advanced Startup Options, and then select Safe Mode.

Technical information:

*** STOP: 0x00000035 (0x00000000,0xF78D17D6,0x00000008,0xC0000000)

*** srescan.sys - Address F78D17D6 base at F78D1000, DateStamp 3680

Restarting...

Windows

Содержание занятия

1. Введение и архитектура
2. Linux shell

Дистрибутивы

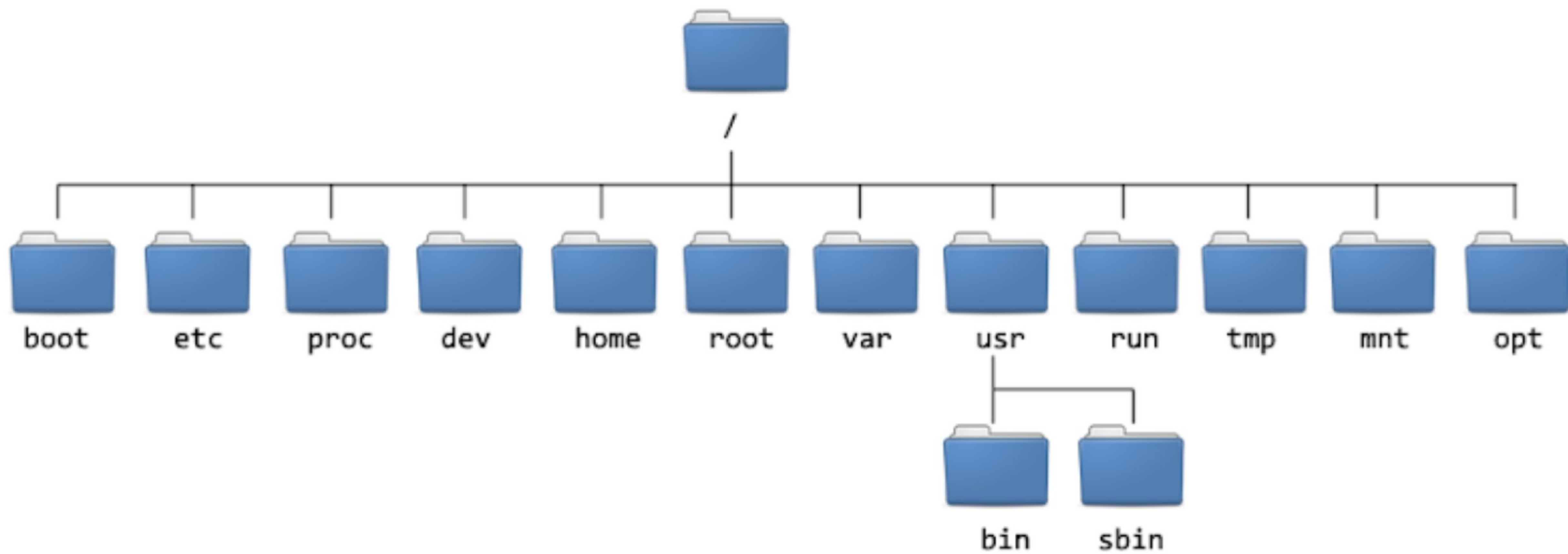
- Red Hat/Fedora/CentOS
- Ubuntu
- Debian
- SuSe



Назначение каталогов

- **/etc** – конфигурация
- **/home** – данные пользователей
- **/usr** – приложения
- **/var** – данные и каталоги
- **/tmp** – временные файлы

CentOS 7 Filesystem Hierarchy



Права доступа

- Владелец и группа
- Доступы по 8ричной маске
- chmod
- chown

Mode		Owner	Group	File Size	Last Modified	Filename
drwxrwxrwx	2	sammy	sammy	4096	Nov 10 12:15	everyone_directory
drwxrwx---	2	root	developers	4096	Nov 10 12:15	group_directory
-rw-rw----	1	sammy	sammy	15	Nov 10 17:07	group_modifiable
drwx-----	2	sammy	sammy	4096	Nov 10 12:15	private_directory
-rw-----	1	sammy	sammy	269	Nov 10 16:57	private_file
-rwxr-xr-x	1	sammy	sammy	46357	Nov 10 17:07	public_executable
-rw-rw-rw-	1	sammy	sammy	2697	Nov 10 17:06	public_file
drwxr-xr-x	2	sammy	sammy	4096	Nov 10 16:49	publicly_accessible_directory
-rw-r--r--	1	sammy	sammy	7718	Nov 10 16:58	publicly_readable_file
drwx-----	2	root	root	4096	Nov 10 17:05	root_private_directory

- - : regular file.
- d : directory.
- s : local socket file.
- p : named pipe.
- l : symbolic link.

	Owner			Group			Other Users		
- or d	r	w	x	r	w	x	r	w	x
	4	2	1	4	2	1	4	2	1
	7			7			7		

bash, shell, console

bash – один из самых известных шеллов во всем семействе ОС Linux



BASH
THE BOURNE-AGAIN SHELL

Стандартные потоки

- STDIN (0)

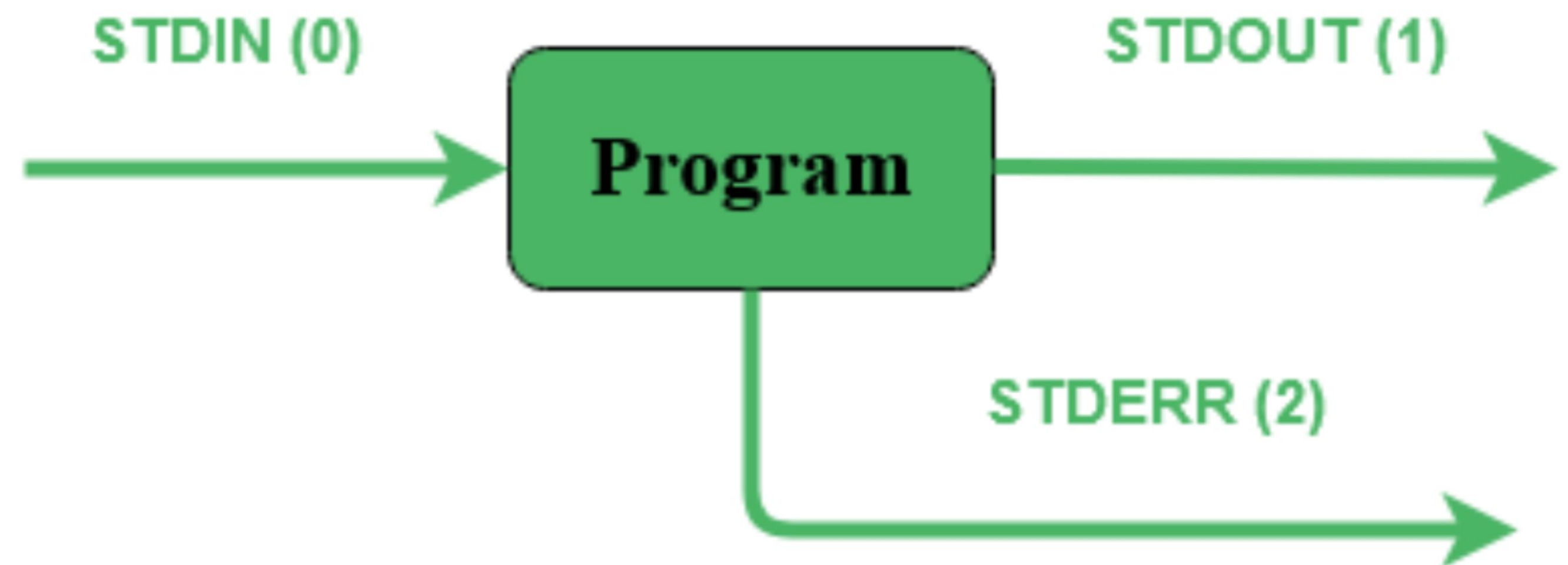
```
$ echo 'Hello world'  
Hello world
```

- STDOUT (1)

```
$ ls  
bin incoming pub usr
```

- STDERR (2)

```
$ rm example.txt  
rm: example.txt: No such file or directory
```



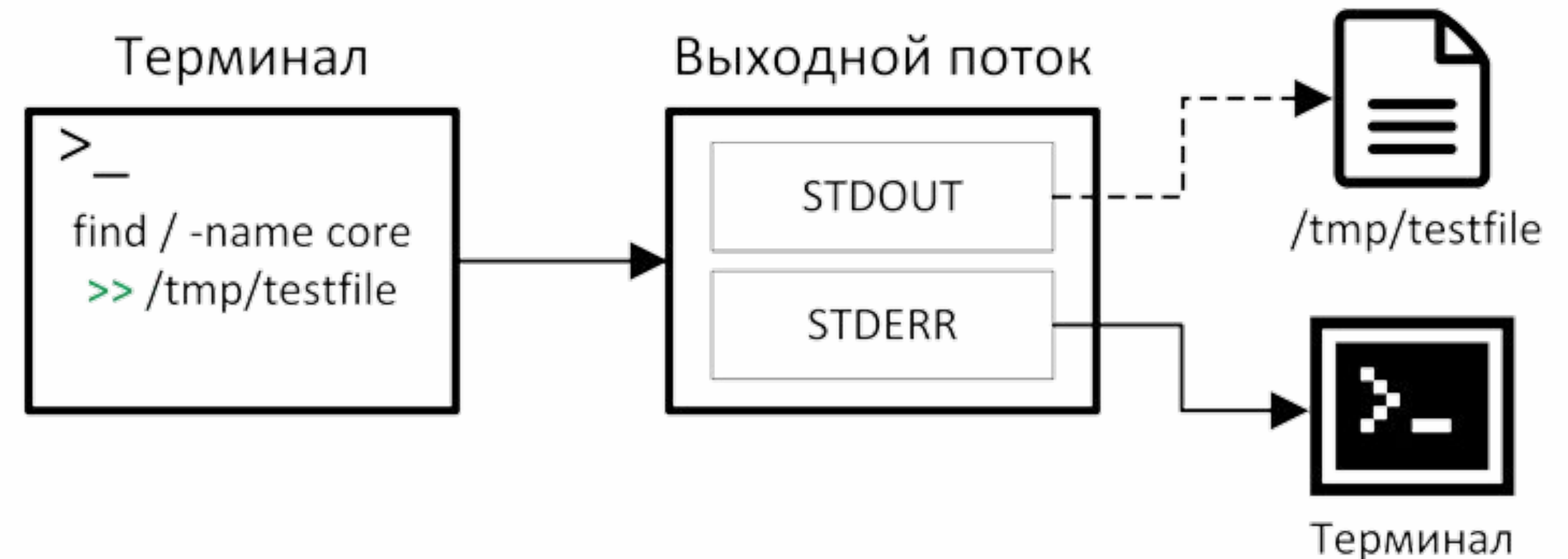
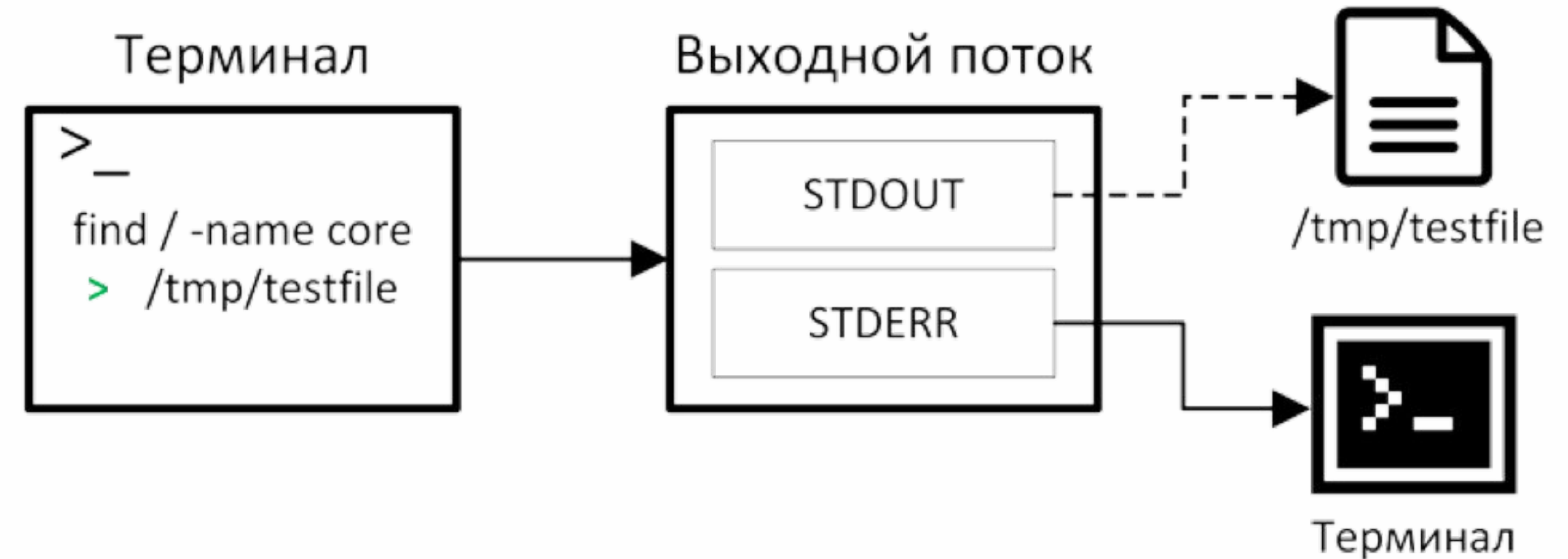
Управление потоками

- **>** - вывод STDOUT в файл.

```
$ find / -name core > /tmp/testfile
```

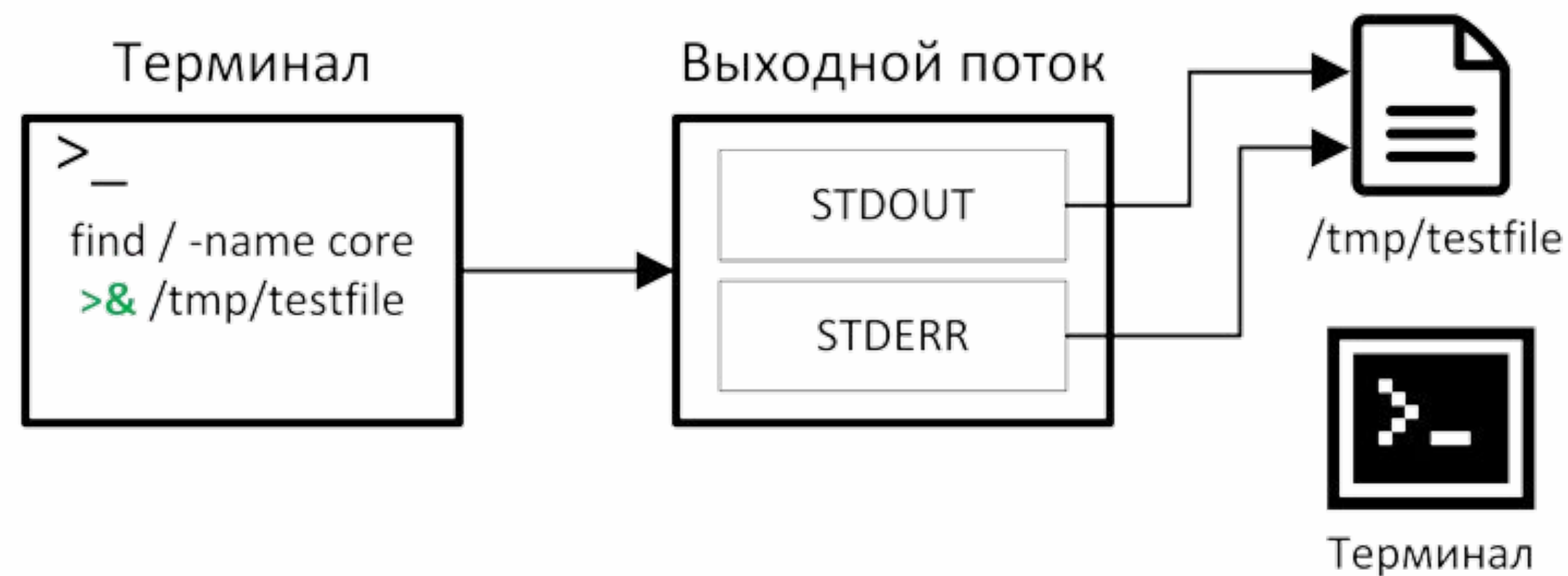
- **>>** - вывод STDOUT в конец файла.

```
$ find / -name core >> /tmp/testfile
```



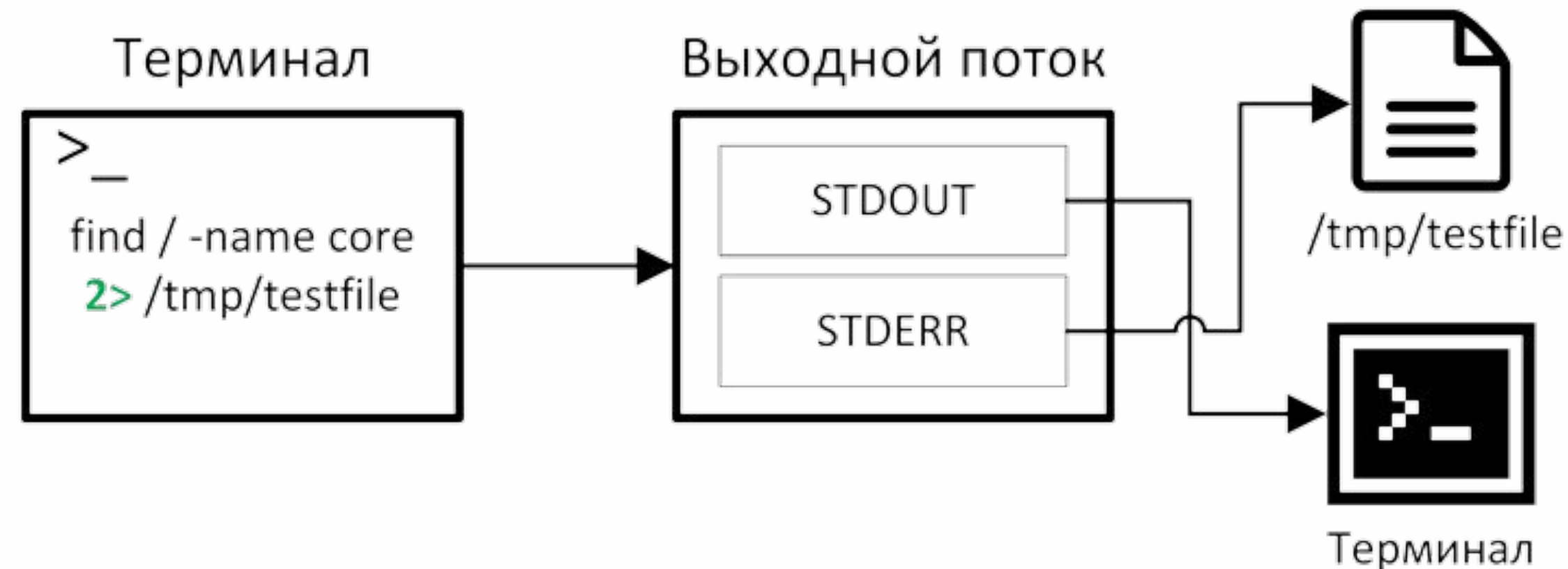
- **>&** - вывод STDOUT и STDERR в файл

```
$ find / -name core >& /tmp/testfile
```

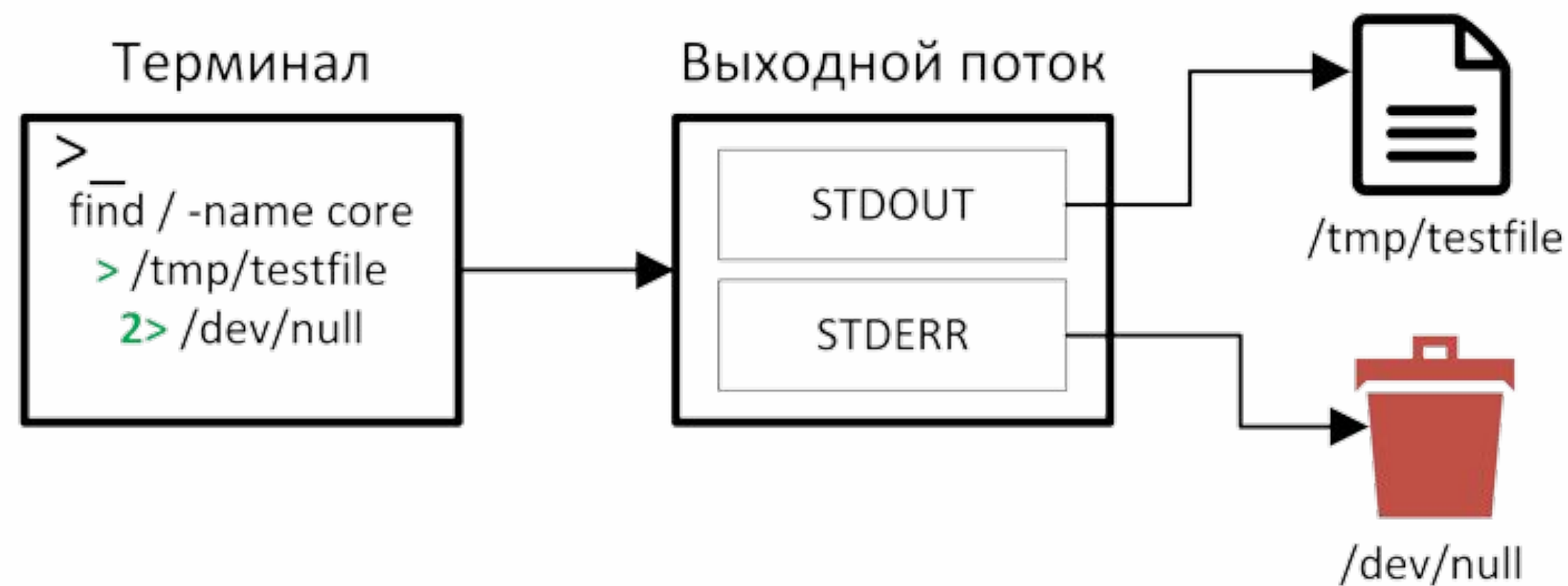


- **2>** - вывод STDERR в файл

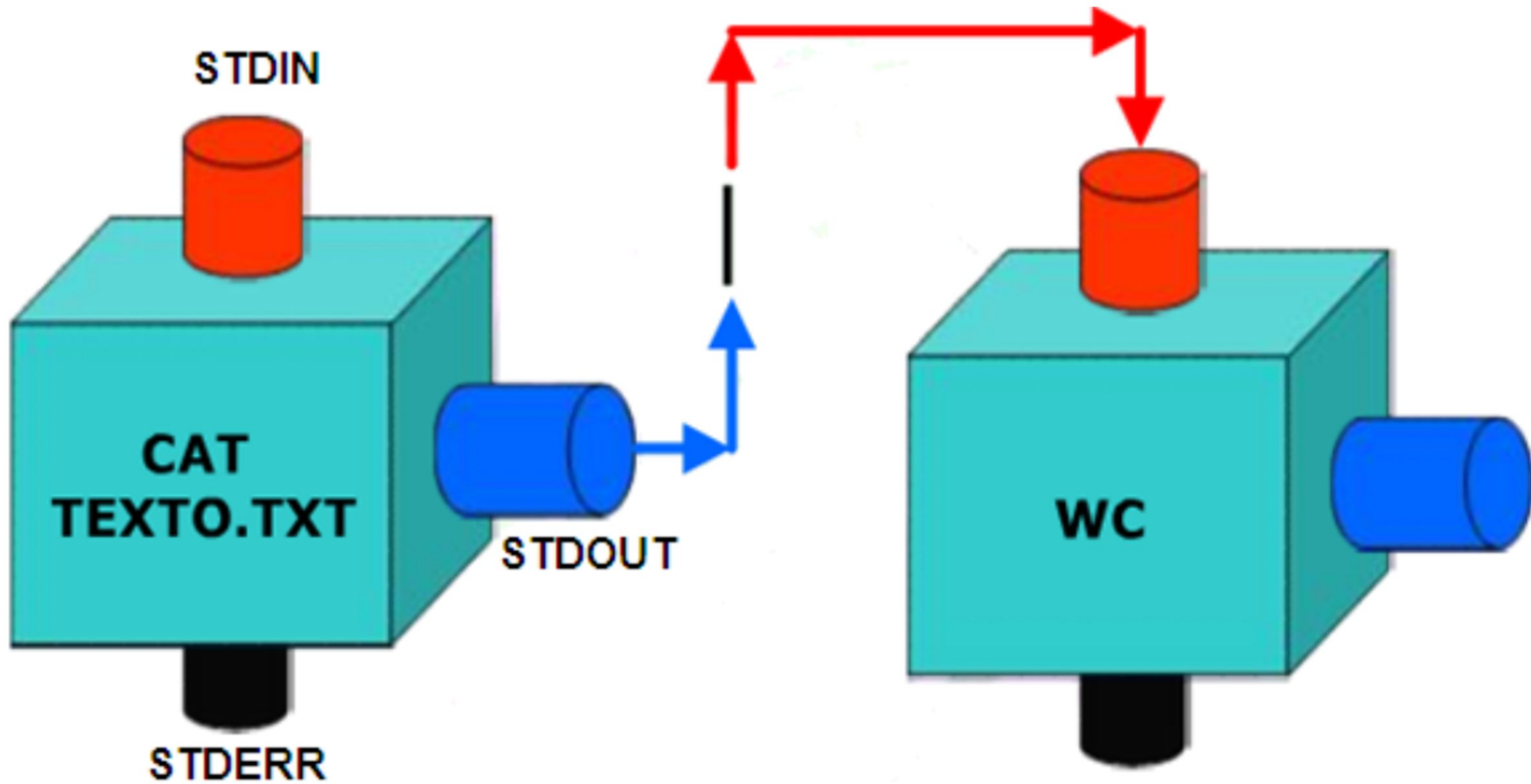
```
$ find / -name core 2> /tmp/testfile
```



```
$ find / -name core > /tmp/testfile 2> /dev/null
```

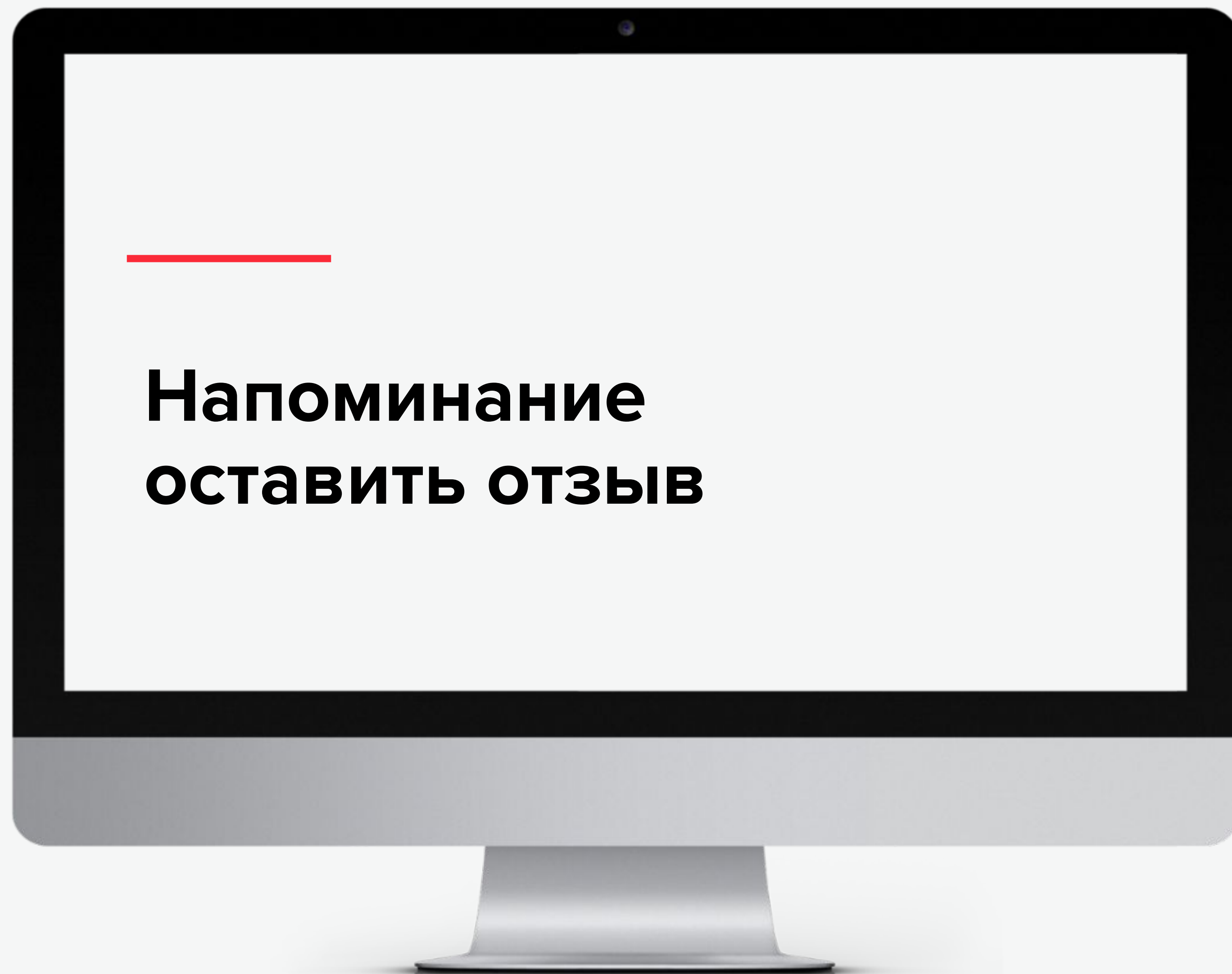


pipes





**KEEP
CALM
AND
#!/BIN/BASH**



**Напоминание
оставить отзыв**



**СПАСИБО
ЗА ВНИМАНИЕ**

