

Combining commands and files

Executing multiple commands

`command1; command2; command3;`

Each command will be executed one after other

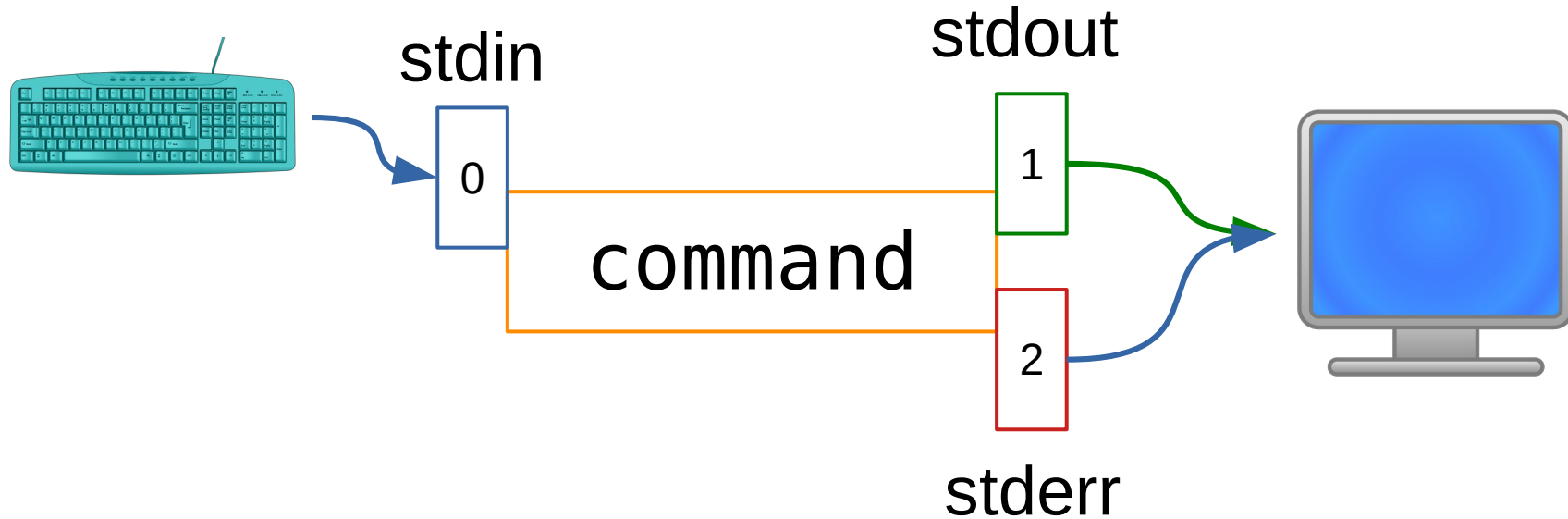
`command1 && command2`

command2 will be executed only if command1 succeeds

`command1 || command2`

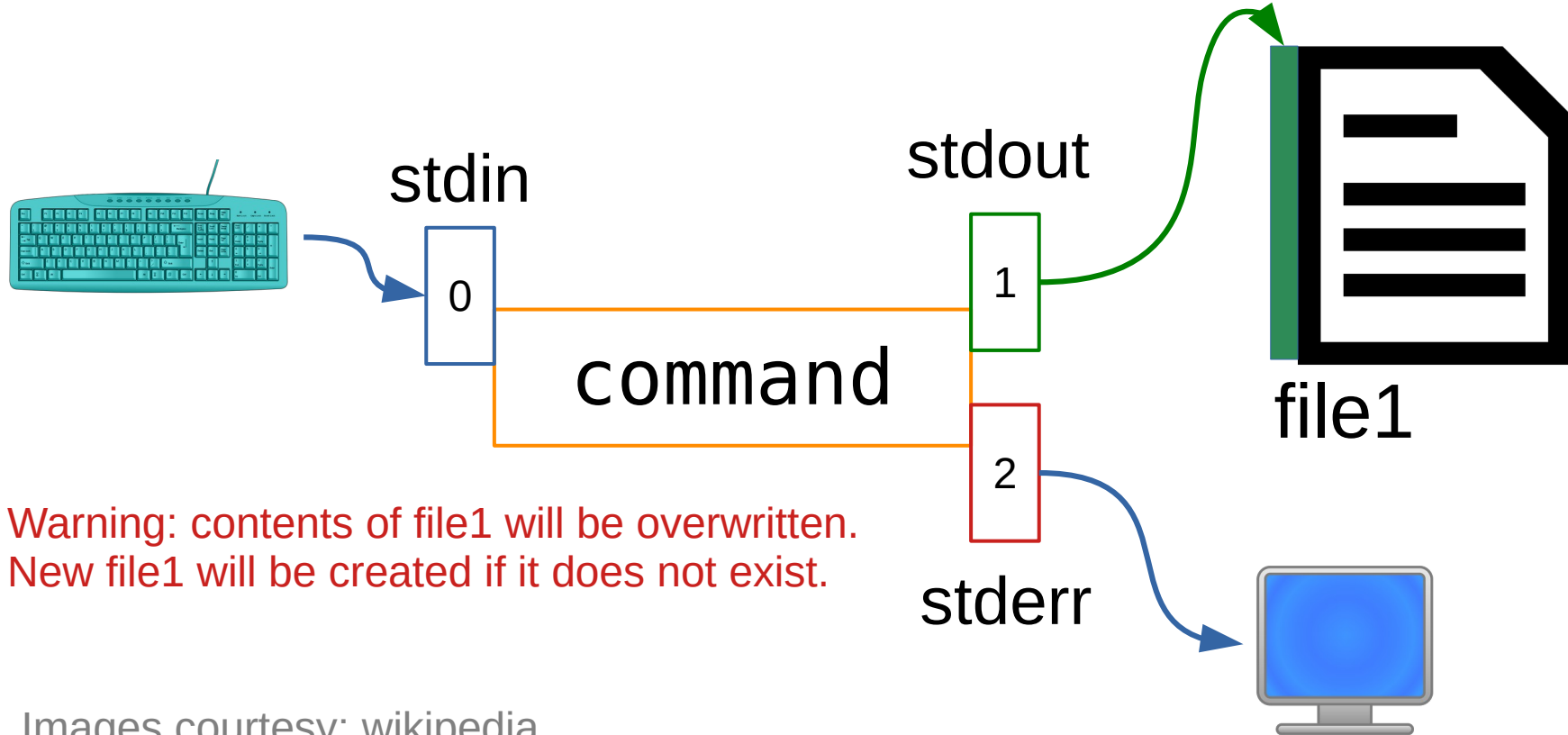
command2 will not be executed if command1 succeeds

File descriptors

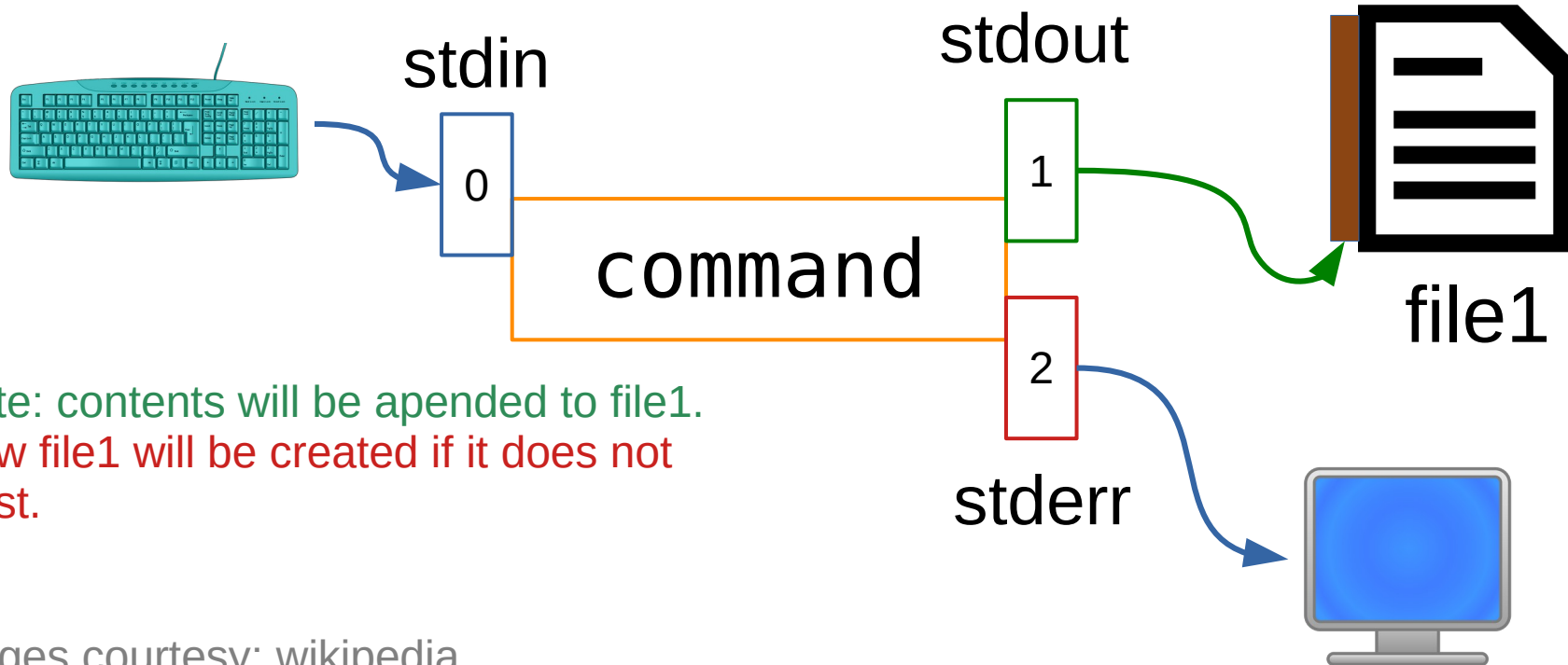


Images courtesy: wikipedia

command > file1

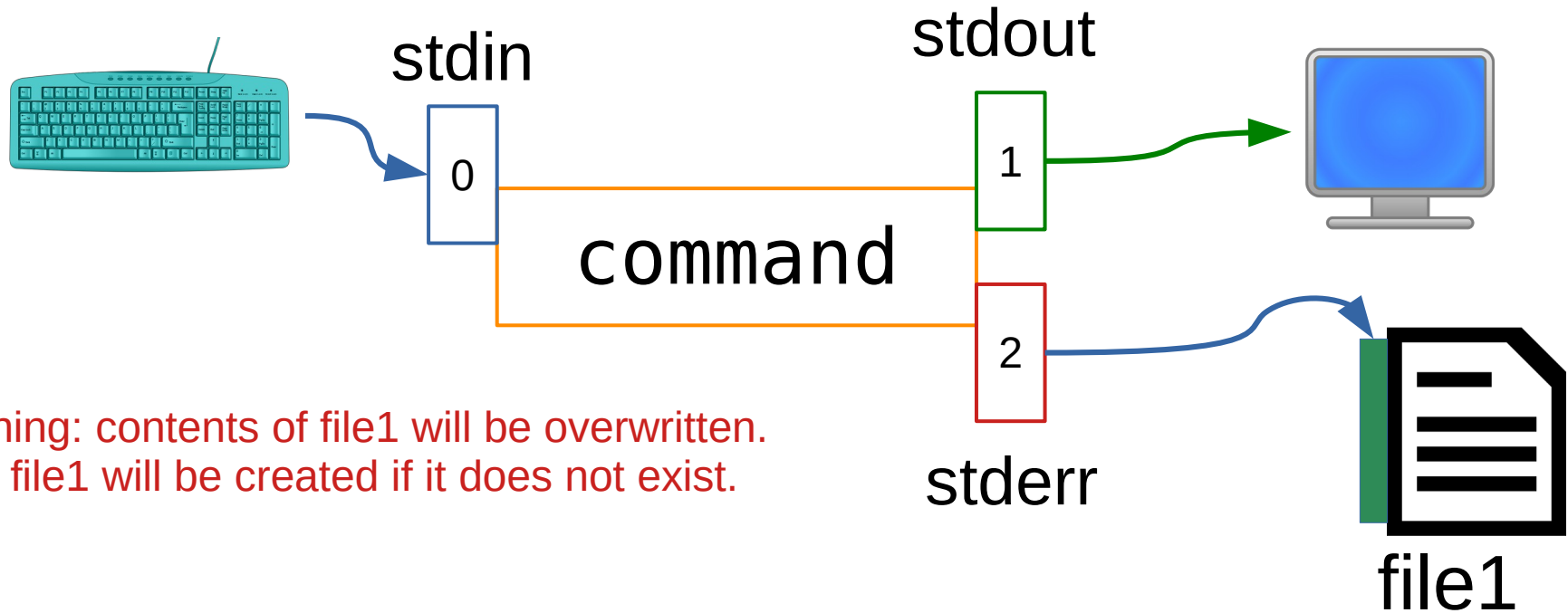


command >> file1



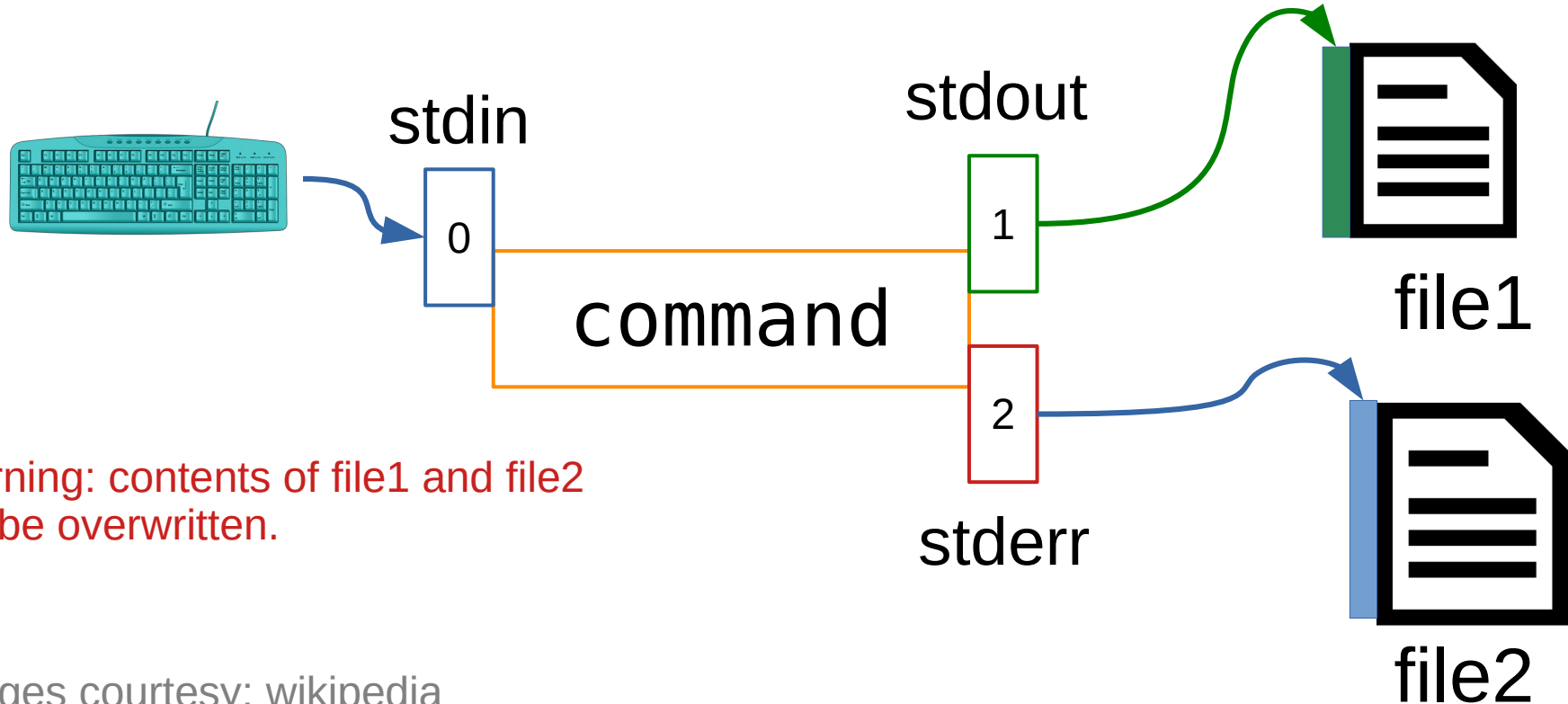
Note: contents will be appended to file1.
New file1 will be created if it does not exist.

command 2> file1



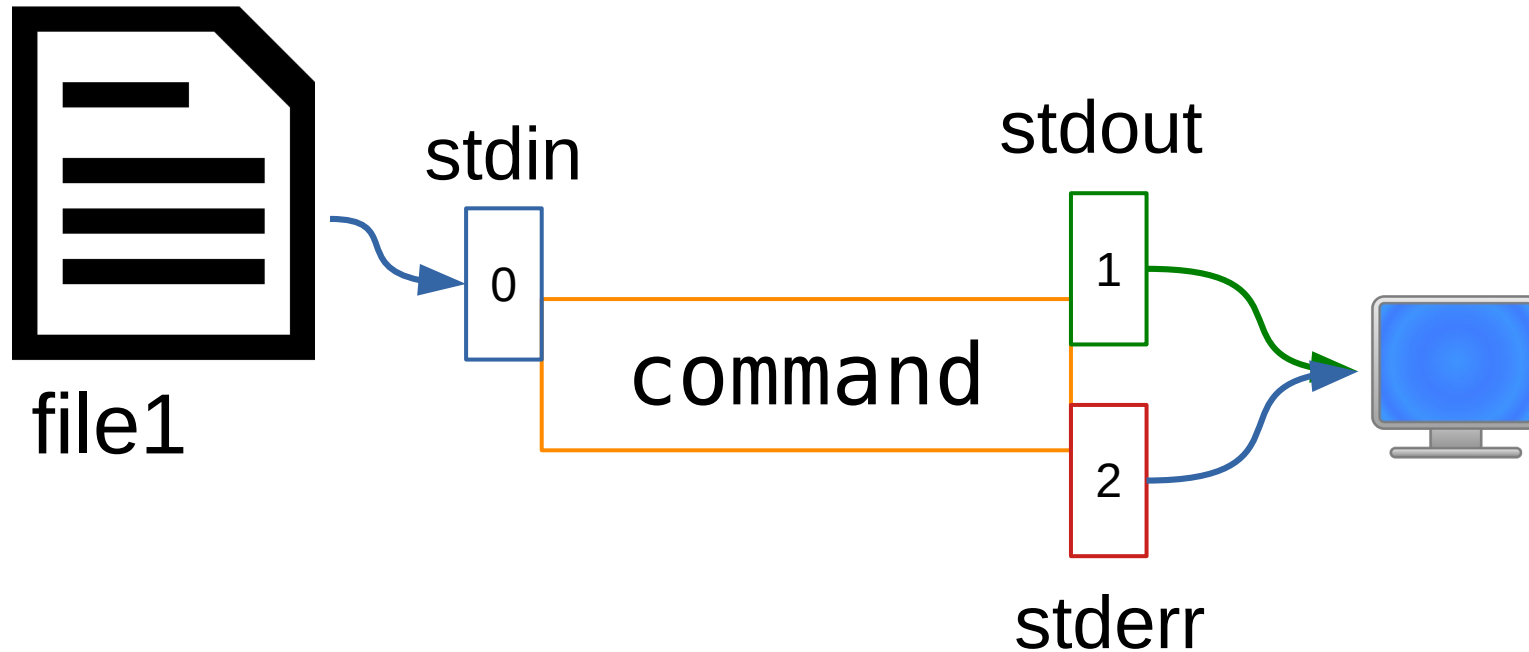
Warning: contents of file1 will be overwritten.
New file1 will be created if it does not exist.

```
command > file1 2> file2
```

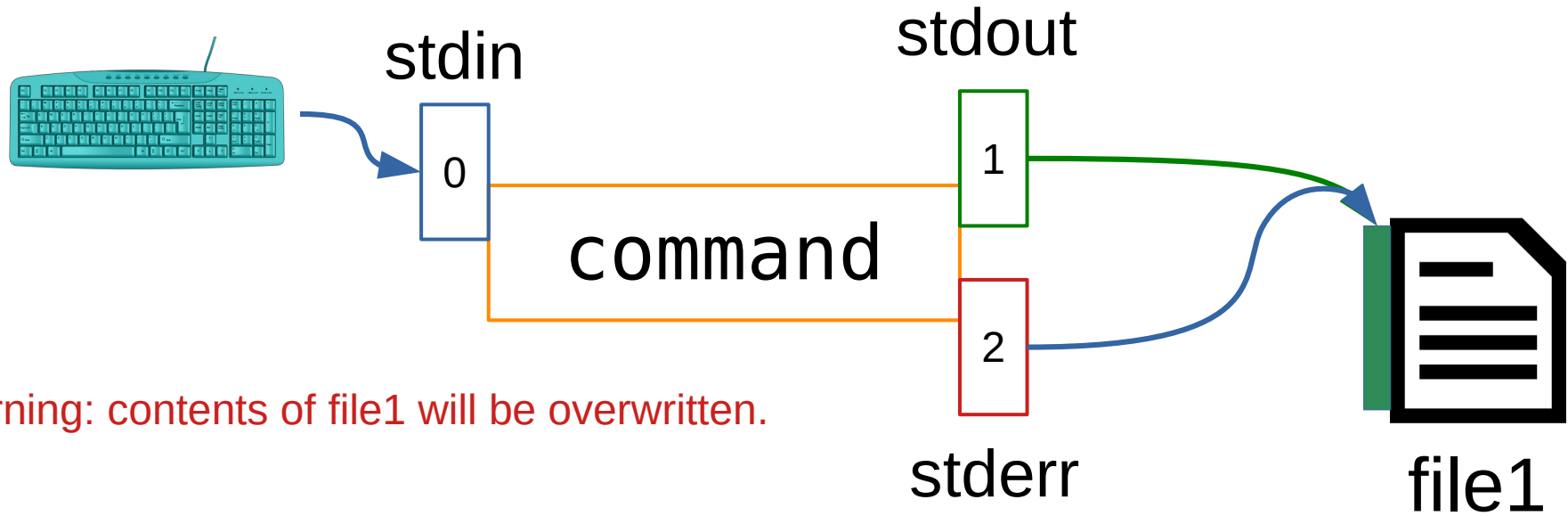


Warning: contents of file1 and file2
will be overwritten.

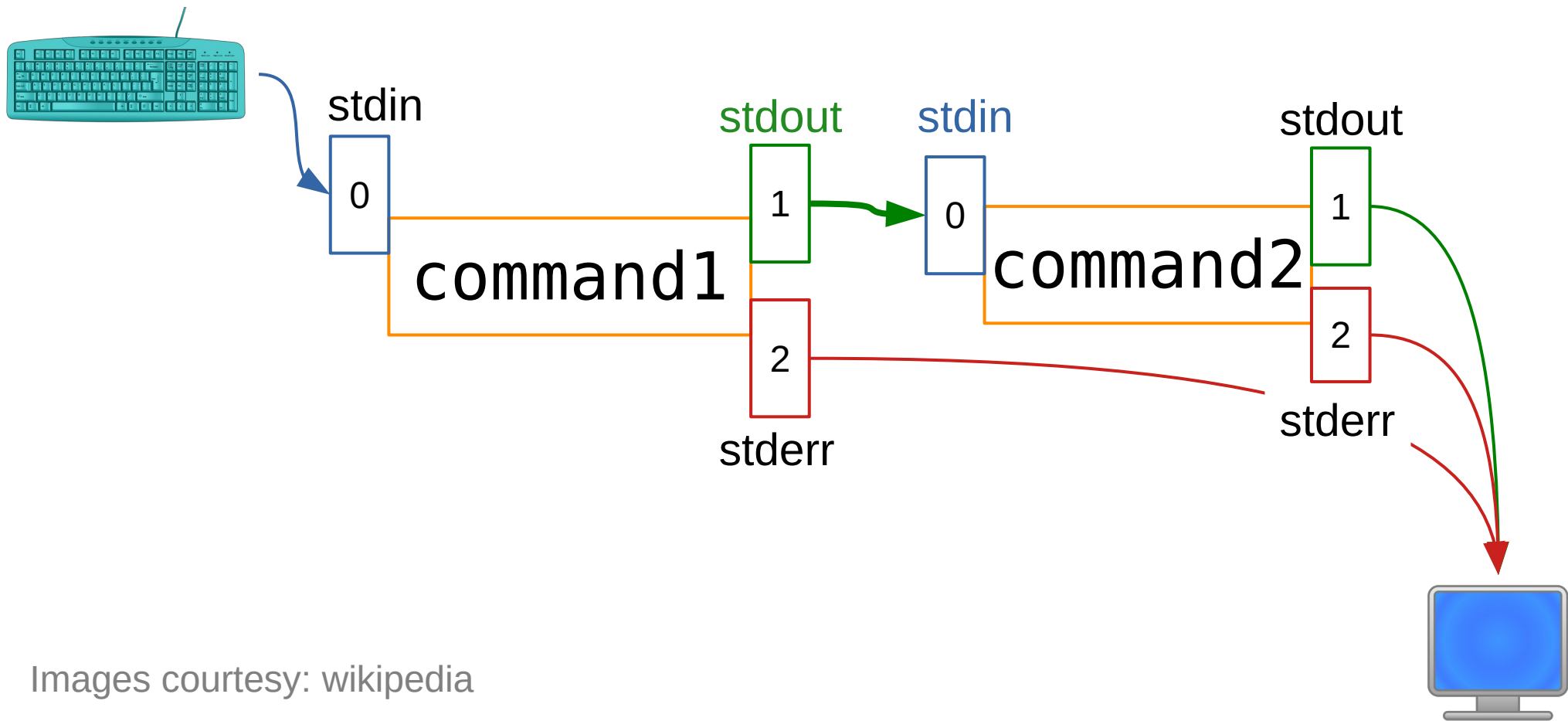
command < file1



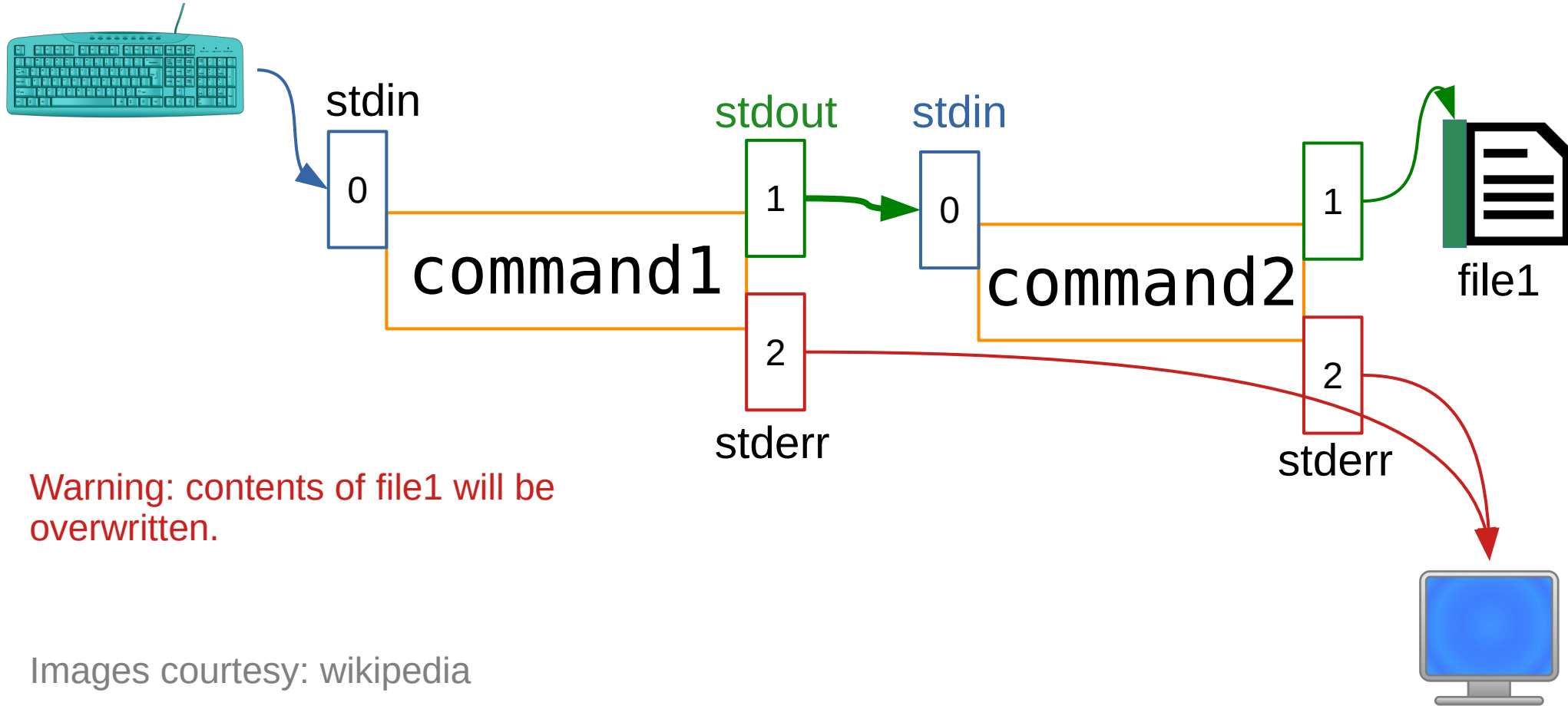

```
command > file1 2>&1
```



command1 | command2



```
command1 | command2 > file1
```



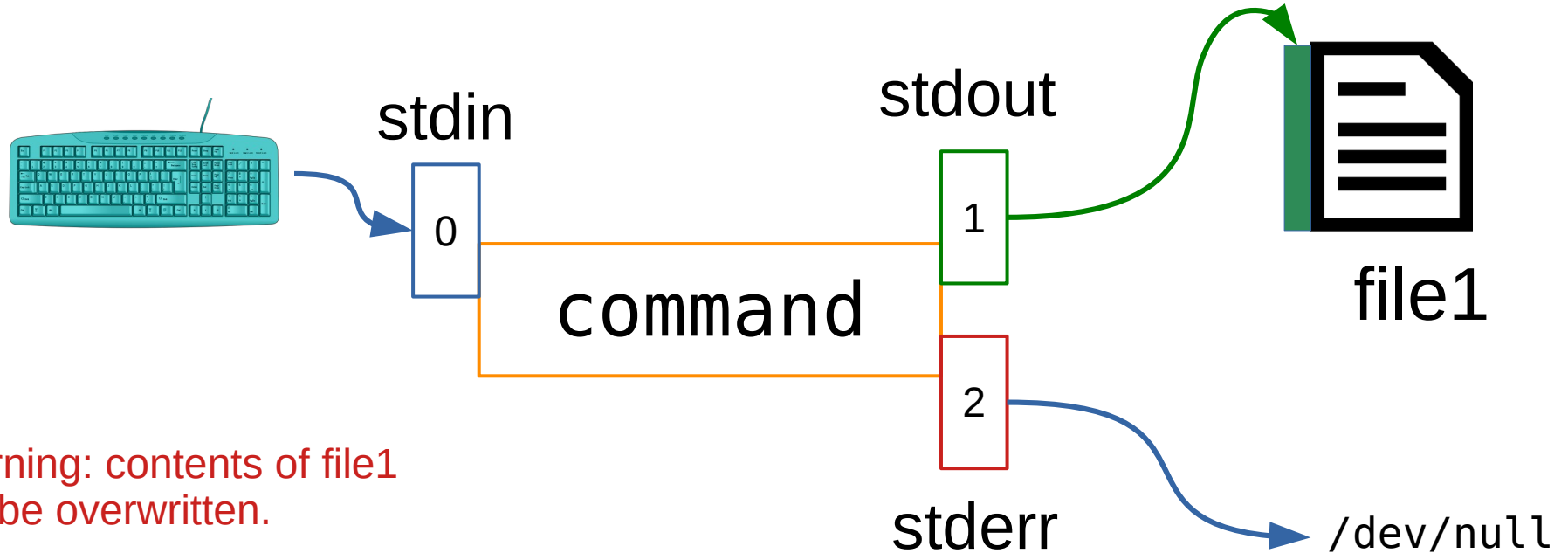
Images courtesy: wikipedia

`/dev/null`

A sink for output to be discarded !

Use: silent and clean scripts

```
command > file1 2> /dev/null
```

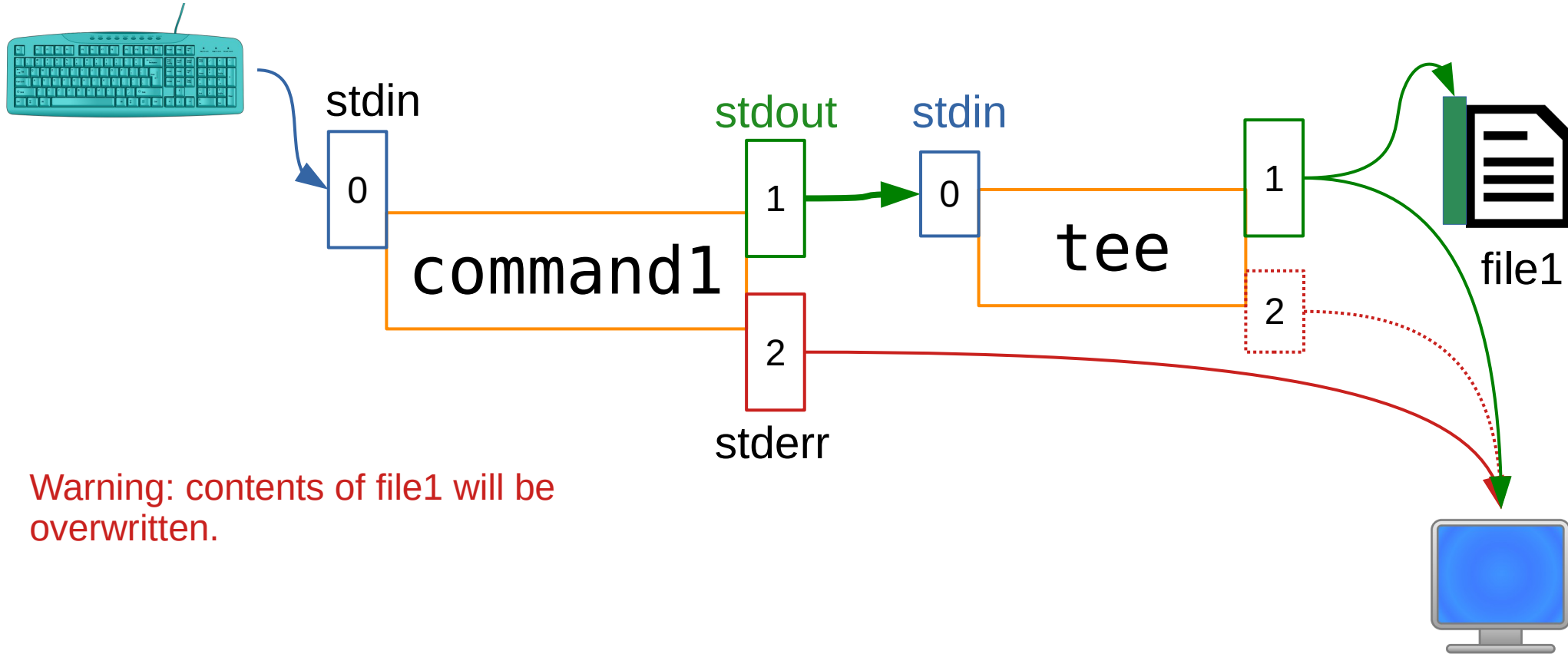


tee

A sink for output to be discarded !

Use: silent and clean scripts

```
command1 | tee file1
```



Images courtesy: wikipedia

...and so on