



B1- Shell Programming

B-PSU-110

Bootstrap

minishell 1

v1.4



my_exec

Bootstrap minishell 1

binary name: my_exec
repository name: my_exec_\$ACADEMICYEAR
repository rights: ramassage-tek
language: C
group size: 1
compilation: via Makefile, including re, clean and fclean rules

Write a program that takes one string as parameter, that contains a program name with its path and arguments. You program must execute the program with these arguments, the following way:

```
Terminal
~/B-PSU-110> ./my_exec "/bin/ls -l /dev"
Program name: /bin/ls
Nb args: 2
PID: 1346
Child PID: 1348
... . .
... . .
... . . /* execution of ls -l /dev */
... . .
... . .
Program terminated.
Status: OK
```

```
Terminal
~/B-PSU-110> ./my_exec "./my_segfault"
Program name: ./my_segfault
Nb args: 0
PID: 1513
Child PID: 1514
... . .
... . .
... . . /* execution of ./my_segfault */
... . .
... . .
Program terminated.
Status: Segmentation Fault
```



Authorized Functions

- opendir
- readdir
- closedir
- getcwd
- malloc
- free
- exit
- chdir
- fork
- stat
- lstat
- fstat
- getcwd
- open
- close
- read
- write
- execve
- access
- isatty
- wait
- waitpid
- wait3
- wait4
- signal
- kill
- getpid
- strerror
- perror