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exec komut ailesini araştıralım.
Farklı kullanım tekniklerini bir program üzerinde gösterelim.
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/wait.h>
#include <sys/types.h>
#include <string.h>
#define BUFFER 1024
int main(void) {
  char line[BUFFER];
  while(1) {
     printf("$ ");
     if(!fgets(line, BUFFER, stdin)) break;
     char *p = strchr(line, '\n');
     if (p) *p = 0;
     if(strcmp(line, "exit")==0) break;
     char *args[] = {line, (char*)0};
     int pid= fork();
     if(pid==0) {
       execvp(line, args);
       perror("exec");
       exit(1);
     } else {
       wait(NULL);
   }
  return 0;
int X = open("./output_file.txt", O_WRONLY);
pid_t fk = fork();
if (!fk) {
  dup2(X, 1);
  close(X);
  execl("/bin/echo", "/bin/echo", "hello world");
  _exit(127);
} else if (fk == -1) {
  perror("fork");
}
close(X);
pid_t parent = getpid();
```

pid_t pid = fork();

```
if (pid == -1)
{

} else if (pid > 0)
{
   int status;
   waitpid(pid, &status, 0);
} else
{
   execve(...);
   _exit(EXIT_FAILURE); // exec never returns
}
```