









## **Linux Fork/Exec Example**

```
int pid = fork();
if (pid == 0) {
    execvp("ls", argv);
                                        Child process
} else {
    waitpid(pid, &status, options);
          Parent process
```

## **Windows Process Creation**

```
BOOL CreateProcess(
    LPCTSTR lpApplicationName,
    LPTSTR 1pCommandLine,
    LPSECURITY_ATTRIBUTES 1pProcessAttributes,
    LPSECURITY_ATTRIBUTES 1pThreadAttributes.
    BOOL bInheritHandles.
    DWORD dwCreationFlags,
    LPVOID 1pEnvironment,
    LPCTSTR lpCurrentDirectory,
    LPSTARTUPINFO lpStartupInfo,
    LPPROCESS_INFORMATION lpProcessInformation
);
WaitForSingleObject(lpProcessInformation->hProcess, INFINITE);
```