

In this example the primary thread of the original process creates a new process and its primary thread executes Notepad with the file example.txt. The original process waits until the new process finishes and closes the descriptors.

```
STARTUPINFO siStartupInfo;

PROCESS_INFORMATION piProcessInfo;


// Initialize the structures to 0
memset(&siStartupInfo, 0, sizeof(siStartupInfo));
memset(&piProcessInfo, 0, sizeof(piProcessInfo));


siStartupInfo.cb = sizeof(siStartupInfo); // Complete the field with the size of the structure
if( !CreateProcess(NULL, // The name of the application is in the next parameter
    "c:\\windows\\notepad.exe ejemplo.txt", // application + file to be opened
    NULL,
    NULL,
    FALSE,
    CREATE_DEFAULT_ERROR_MODE,
    NULL,
    NULL,
    &siStartupInfo,
    &piProcessInfo)) // If the process cannot be created
{
    printf( "Error in CreateProcess (%d).\n", GetLastError() );
    return;
}

// Waits till child process ends
WaitForSingleObject(piProcessInfo.hProcess, INFINITE);

// Close process and thread handles
CloseHandle(piProcessInfo.hThread);
CloseHandle(piProcessInfo.hProcess);
```