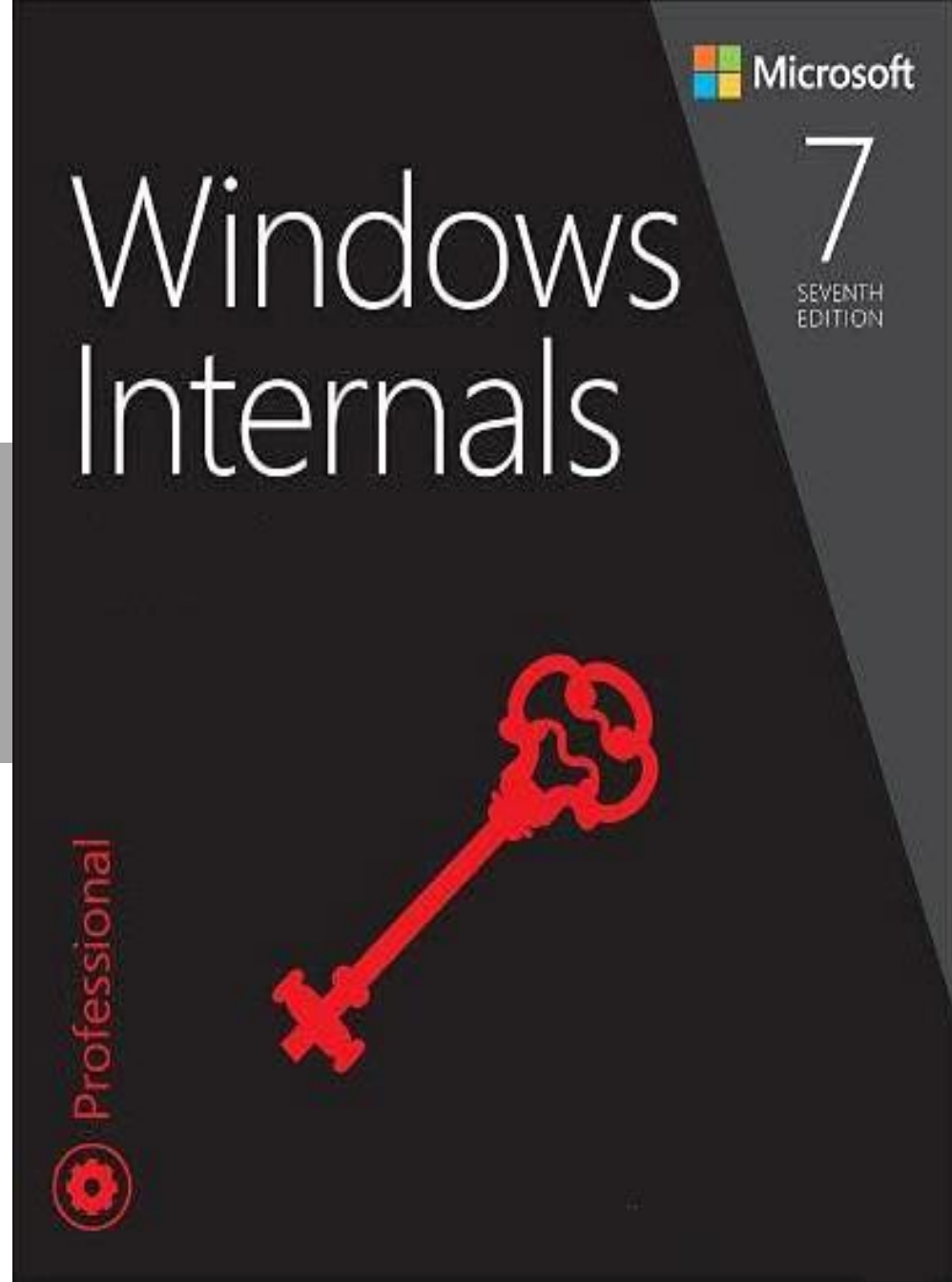


01) Threads

Threads in WinAPI



Thread Creation

HANDLE WINAPI **CreateThread**(

```

    _In_opt_ LPSECURITY_ATTRIBUTES lpThreadAttributes,
    _In_     SIZE_T dwStackSize,
    _In_     LPTHREAD_START_ROUTINE lpStartAddress,
    _In_opt_ LPVOID lpParameter,
    _In_     DWORD dwCreationFlags,
    _Out_opt_ LPDWORD lpThreadId);

```

flag: **CREATE_SUSPENDED**

SUCCESS WINAPI **ThreadProc**(_In_ PVOID pParameter);

ResumeThread

HRESULT **SetThreadDescription**(

```

    _In_ HANDLE hThread,
    _In_ PCWSTR lpThreadDescription);

```



Waiting For Thread Completion

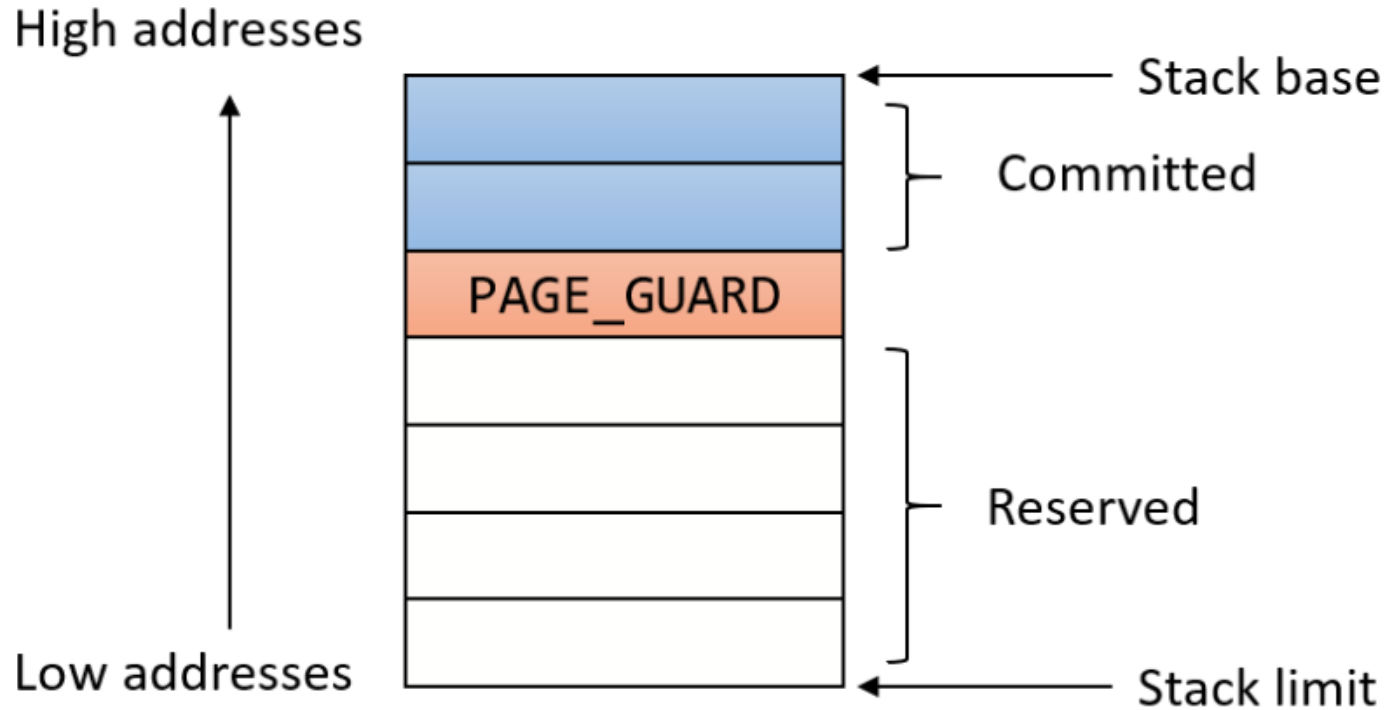
(Thread Joining)

```
DWORD WaitForSingleObject(  
    [in] HANDLE hHandle,  
    [in] DWORD  dwMilliseconds  
);
```

```
DWORD WaitForMultipleObjects(  
    [in] DWORD      nCount,  
    [in] const HANDLE *lpHandles,  
    [in] BOOL        bWaitAll,  
    [in] DWORD      dwMilliseconds  
);
```



Thread Stack





CODING TIME