Win32

Windows subsystem

USB

AxDeviceDetector.exe (ActiveX Server process)

DeviceDetector Class

Events

⭍ OnDeviceArrival

⭍ OnDeviceRemoval

DeviceInfo Class

⚫ VendorID

⚫ ProductID

⚫ SerialNumber

WM\_DEVICECHANGE

Notifies

Message

Queue

Timer

X

🡪 exposes

🡨 contains

DeviceInfoObject

ISubclass\_WindowProc

frmMain Form, stays hidden

For each DeviceDetector instance created, there's one thread of execution:

2 x 32bits DLL

deviceinfo.dll

🡪(+ VS 2017 C runtime)

msvbvm50.dll

dependencies

ActiveX Server Client processes

Microsoft Access, Excel, Word… any VBA host

Visual Basic 5/6 applications

Add a reference to :

devinfo.net - Detect device arrival/removal ActiveX Server