

Agilent IO Libraries - Manual

Description

Agilent IO Libraries Suite is a collection of libraries and utility programs. The IO libraries (SICL, VISA, and VISA COM) enable instrument communication for a variety of development environments (Agilent VEE Pro, Microsoft Visual Studio, etc.) that are compatible with GPIB, USB, LAN, RS-232, PXI, AXIe, and VXI test instruments from a variety of manufacturers. Several utility programs help you quickly and easily connect your instruments to your PC.

Package Notes/Comments – Copy to all **Notes/Comments** sections in SCCM creating package.
Free software license.

Source file location (share or weblink):
\\server\share\installs\Agilent IO Library

Copy source files to Software Vault share location:
\\server\share\Sources\Software Vault\Agilent IO Library

Create a PowerShell script, *Agilent_IO_Libraries_Uninstall.ps1*, to remove Agilent IO Libraries and components.

Import *setup.exe* into SCCM Client Applications as a *Script Installer*.

Installation program:
"setup.exe"

Uninstall program:
Powershell.exe –executionpolicy Bypass –file "Agilent_IO_Libraries_Uninstall.ps1"

Detection Method: Registry key exists.
Registry hive: HKEY_LOCAL_MACHINE
Registry key:
SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\InstallShield_{6419465C-004C-42D1-840D-3E23FA5D8E27}

User Experience

Installation behavior: Install for user
Logon requirement: Only when a user is logged on
Installation program visibility: Normal
Enforce specific behavior: No specific action

Dependencies (list redistributables, runtime, etc., available for install with SCCM):
None

Notes

Installs 3 components:

Agilent IO Libraries Suite 16.3 Update 2

GUID: InstallShield_{6419465C-004C-42D1-840D-3E23FA5D8E27} (32-bit)

Registry key or file path (used to check if application is installed):

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\InstallShield_{6419465C-004C-42D1-840D-3E23FA5D8E27}

UninstallString (determines uninstall method to use):

"C:\Program Files (x86)\InstallShield Installation Information\{6419465C-004C-42D1-840D-3E23FA5D8E27}\setup.exe" -runfromtemp -l0x0409 -removeonly

DisplayName: Agilent IO Libraries Suite 16.3 Update 2

DisplayVersion: 16.3.17914.4

Publisher: Agilent Technologies

IVI Shared Components 2.2.1

GUID: IviSharedComponent (32-bit)

Registry key or file path (used to check if application is installed):

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\IviSharedComponent

UninstallString (determines uninstall method to use):

C:\WINDOWS\SysWOW64\CleanupUtility.exe /fromARP

DisplayName: IVI Shared Components 2.2.1

DisplayVersion: 2.21.49152

Publisher: IVI Foundation

VISA Shared Components 64-bit

GUID: VISASharedComponents (32-bit)

Registry key or file path (used to check if application is installed):

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\VISASharedComponents

UninstallString (determines uninstall method to use):

C:\WINDOWS\SysWOW64\VISA_S~1.EXE /fromARP

DisplayName: VISA Shared Components 64-Bit

DisplayVersion: 1.6

Publisher: IVI Foundation

Agilent_IO_Libraries_Uninstall.ps1

```
<#
.SYNOPSIS
    SCCM Uninstall program for Agilent IO Libraries

.DESCRIPTION
    Remove the following component(s) from window 7 x64 systems:
    - Uninstall Agilent IO Libraries
    - Uninstall IVI Shared Components
    - Uninstall VISA Shared Components 64-bit

.NOTES
    FileName: Agilent_IO_Libraries_Uninstall.ps1
    Author: Jerry Senff
    Updated: 02/28/2019
    Comments: Powershell.exe -executionpolicy bypass -file
"Agilent_IO_Libraries_Uninstall.ps1"
#>

# Error file
$startLocation = Get-Location
$error=@()
$errorpath = '\ErrorLogs\Agilent_IO_Libraries_Uninstall.txt'
$errorFileLocation = ${env:SystemDrive} + $errorpath

# Uninstall variables - Agilent IO Libraries
$AgilentLibraries = 'Agilent IO Libraries'
$AgilentLibrariesUninstall = '' + ${env:ProgramFiles(x86)} + '\InstallShield
Installation Information\{6419465C-004C-42D1-840D-3E23FA5D8E27}\setup.exe'
$AgilentLibrariesParams = '-runfromtemp -l0x0409 -removeonly'
$AgilentLibrariesRegkey =
'HKLM:SOFTWARE\Wow6432Node\Microsoft\windows\CurrentVersion\Uninstall\InstallShield_{6
419465C-004C-42D1-840D-3E23FA5D8E27}'

# Uninstall variables - Uninstall IVI Shared Components
$IviComponents = 'IVI Shared Components'
$IviComponentsUninstall = ${env:SystemRoot} + '\SysWOW64\CleanupUtility.exe'
$IviComponentsParams = '/fromARP'
$IviComponentsRegkey =
'HKLM:SOFTWARE\Wow6432Node\Microsoft\windows\CurrentVersion\Uninstall\IviSharedCompone
nt'

# Uninstall variables - Uninstall VISA Shared Components 64-bit
$VisaComponents = 'VISA Shared Components 64-bit'
$VisaComponentsUninstall = ${env:SystemRoot} + '\SysWOW64\VISA_S~1.EXE'
$VisaComponentsParams = '/fromARP'
$VisaComponentsRegkey =
'HKLM:SOFTWARE\Wow6432Node\Microsoft\windows\CurrentVersion\Uninstall\VISASharedCompon
ents'

Write-Host ""
Write-Host
"*****"
Write-Host ""
Write-Host "$AgilentLibraries Uninstaller"
Write-Host ""
Write-Host "Purpose: Remove the following components:"
Write-Host "    - Uninstall $AgilentLibraries"
Write-Host "    - Uninstall $IviComponents"
Write-Host "    - Uninstall $VisaComponents"
Write-Host ""

# Uninstall Agilent IO Libraries
set-location $startLocation
Write-Host
"*****"
Write-Host ""
Write-Host "Checking for $AgilentLibraries installation..."
Write-Host ""

If ((Test-Path -Path $AgilentLibrariesRegkey) -eq 'True') # Check uninstall registry
key or installpath
{
```

```

        Write-Host "    $AgilentLibraries is installed."
        Write-Host ""
        Write-Host "Uninstalling $AgilentLibraries..."
        Write-Host ""
        Write-Host "Command: $AgilentLibrariesUninstall $AgilentLibrariesParams"
        Write-Host ""
        Start-Process -FilePath $AgilentLibrariesUninstall -ArgumentList
$AgilentLibrariesParams -ErrorVariable +err -Verb Open -Wait
        Write-Host ""
        Write-Host "    $AgilentLibraries uninstall complete."
        Write-Host ""
    }
Else
{
    Write-Host "    $AgilentLibraries is not installed."
    Write-Host ""
}

Start-Sleep 5

# Uninstall IVI Shared Components
set-location $startLocation
Write-Host ""
Write-Host "*****"
Write-Host ""
Write-Host "Checking for $IviComponents installation..."
Write-Host ""

If ((Test-Path -Path $IviComponentsRegkey) -eq 'True') # Check uninstall registry key
or install path
{
    Write-Host "    $IviComponents is installed."
    Write-Host ""
    Write-Host "Uninstalling $IviComponents..."
    Write-Host ""
    Write-Host "Command: $IviComponentsUninstall $IviComponentsParams"
    Write-Host ""
    Start-Process -FilePath $IviComponentsUninstall -ArgumentList $IviComponentsParams
-ErrorVariable +err -Verb Open -Wait
    Write-Host ""
    Write-Host "    $IviComponents uninstall complete."
    Write-Host ""
}
Else
{
    Write-Host "    $IviComponents is not installed."
    Write-Host ""
}

Start-Sleep 5

# Uninstall VISA Shared Components 64-bit
set-location $startLocation
Write-Host ""
Write-Host "*****"
Write-Host ""
Write-Host "Checking for $VisaComponents installation..."
Write-Host ""

If ((Test-Path -Path $VisaComponentsRegkey) -eq 'True') # Check uninstall registry
key or install path
{
    Write-Host "    $VisaComponents is installed."
    Write-Host ""
    Write-Host "Uninstalling $VisaComponents..."
    Write-Host ""
    Write-Host "Command: $VisaComponentsUninstall $VisaComponentsParams"
    Write-Host ""
    Start-Process -FilePath $VisaComponentsUninstall -ArgumentList
$VisaComponentsParams -ErrorVariable +err -Verb Open -Wait
    Write-Host ""
    Write-Host "    $VisaComponents uninstall complete."
}

```

```
        Write-Host ""
    }
Else
{
    Write-Host "    $VisaComponents is not installed."
    Write-Host ""
}

Start-Sleep 5

$err | Out-File $errFileLocation
Write-Host "*** Log file location = " $errFileLocation " ***"

Start-Sleep 5
```