

# Installed software via PowerShell

## Query registry for installed software

There's more data in each registry than is being displayed in the PowerShell Custom Objects output be the script below. You can inspect \$InstalledSoftware for further details.

```
# HKEY_Local_Machine
$HKLM_InstalledSoftware = Get-ChildItem
"HKLM:\Software\Microsoft\Windows\CurrentVersion\Uninstall"
$HKLM_PrettyList = foreach ($obj in $HKLM_InstalledSoftware) {
    [PSCustomObject]@{
        Name = ($obj.Name).Split('\')[-1]
        DisplayName = $obj.GetValue('DisplayName')
        DisplayVersion = $obj.GetValue('DisplayVersion')
        Publisher = $obj.GetValue('Publisher')
        InstallLocation = $obj.GetValue('InstallLocation')
    }
}
$HKLM_PrettyList | Sort-Object -Property Publisher,Name | Select-Object -Property
DisplayName,Publisher,InstallLocation,Name
```

The above information does not include software installed to the current logged in user. Just change the hive that's being queried as shown below:

```
# HKEY_Current_User
$HKCU_InstalledSoftware = Get-ChildItem
"HKCU:\Software\Microsoft\Windows\CurrentVersion\Uninstall"
$HKCU_PrettyList = foreach ($obj in $HKLM_InstalledSoftware) {
    [PSCustomObject]@{
        Name = ($obj.Name).Split('\')[-1]
        DisplayName = $obj.GetValue('DisplayName')
```

```
DisplayVersion = $obj.GetValue('DisplayVersion')
Publisher = $obj.GetValue('Publisher')
InstallLocation = $obj.GetValue('InstallLocation')
}
}
$HKCU_PrettyList | Sort-Object -Property Publisher,Name | Select-Object -Property
DisplayName,Publisher,InstallLocation,Name
```

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