How to get Property information from MSI installer file

In this post, I will show you how to download, install and use the script to get MSI property information that can be used, if you plan to simplify and package the application for deployment through SCCM.

The script is available here https://t.co/ZcgLQslNP4?amp=1

Extract and copy the script to Configuration Manager Server. Open PowerShell ISE and run the script

```
PS C:\Users\Administrator.RAMLAN\Downloads\GetMSIInfo-master> .\GetMSIInfo.ps1 -Install
Creating GetMSIInfo folder in LOCALAPPDATA folder


    Directory: C:\Users\Administrator.RAMLAN\AppData\Local


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d-----       13-Apr-2020   9:43 AM                GetMSIInfo
Copying Script to GetMSIInfo Folder
```

Below are the install details.

```
Property       : {}
PSPath         : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi
PSParentPath   : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations
PSChildName    : .msi
PSDrive        : HKCU
PSProvider     : Microsoft.PowerShell.Core\Registry
PSIsContainer  : True
SubKeyCount    : 0
View           : Default
Handle         : Microsoft.Win32.SafeHandles.SafeRegistryHandle
ValueCount     : 0
Name           : HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi


Property       : {}
PSPath         : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell
PSParentPath   : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi
PSChildName    : shell
PSDrive        : HKCU
PSProvider     : Microsoft.PowerShell.Core\Registry
PSIsContainer  : True
SubKeyCount    : 0
View           : Default
Handle         : Microsoft.Win32.SafeHandles.SafeRegistryHandle
ValueCount     : 0
Name           : HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell


Property       : {}
PSPath         : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information
PSParentPath   : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell
PSChildName    : Get MSI Information
PSDrive        : HKCU
PSProvider     : Microsoft.PowerShell.Core\Registry
PSIsContainer  : True
SubKeyCount    : 0
View           : Default
Handle         : Microsoft.Win32.SafeHandles.SafeRegistryHandle
ValueCount     : 0
Name           : HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information


Property       : {}
PSPath         : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information\command
PSParentPath   : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information
PSChildName    : command
PSDrive        : HKCU
PSProvider     : Microsoft.PowerShell.Core\Registry
PSIsContainer  : True
SubKeyCount    : 0
View           : Default
Handle         : Microsoft.Win32.SafeHandles.SafeRegistryHandle
ValueCount     : 0
Name           : HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information\command


(default)      : Get MSI Information
PSPath         : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information
PSParentPath   : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell
PSChildName    : Get MSI Information
PSDrive        : HKCU
PSProvider     : Microsoft.PowerShell.Core\Registry


(default)      : C:\Windows\system32\WindowsPowerShell\v1.0\powershell.exe -NoProfile -ExecutionPolicy Bypass -WindowStyle Hidden -Command
                 "C:\Users\Administrator.RAMLAN\AppData\Local\GetMSIInfo\GetMSIInfo.ps1" -LiteralPath '%1'
PSPath         : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information\command
PSParentPath   : Microsoft.PowerShell.Core\Registry::HKEY_CURRENT_USER\Software\Classes\SystemFileAssociations\.msi\shell\Get MSI Information
PSChildName    : command
PSDrive        : HKCU
PSProvider     : Microsoft.PowerShell.Core\Registry

Installation Complete
Press Enter to continue...:
```
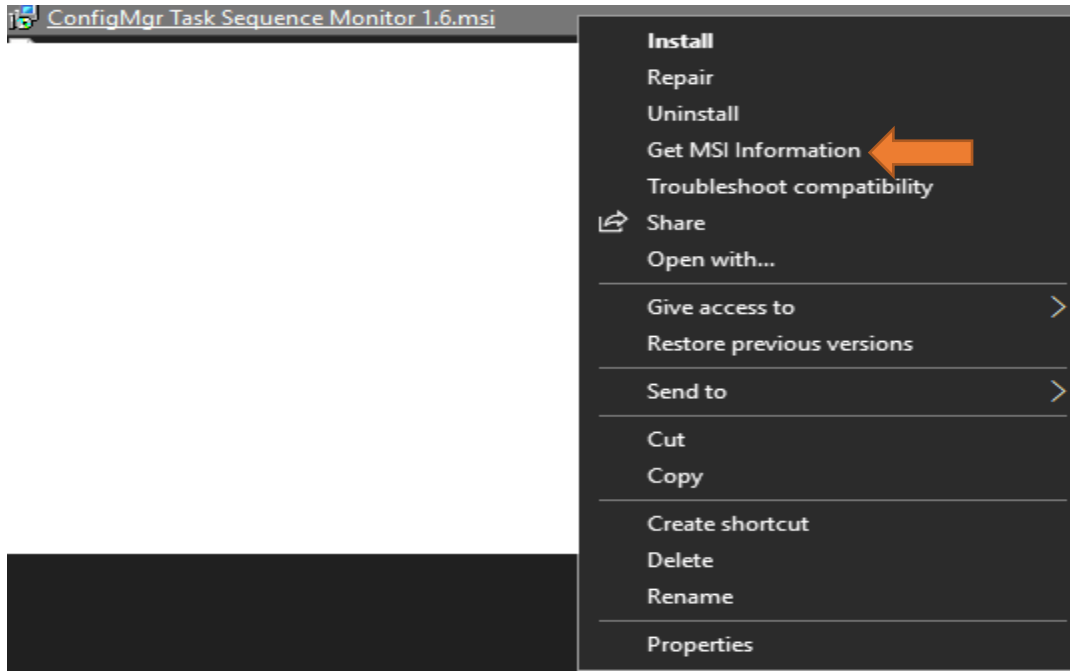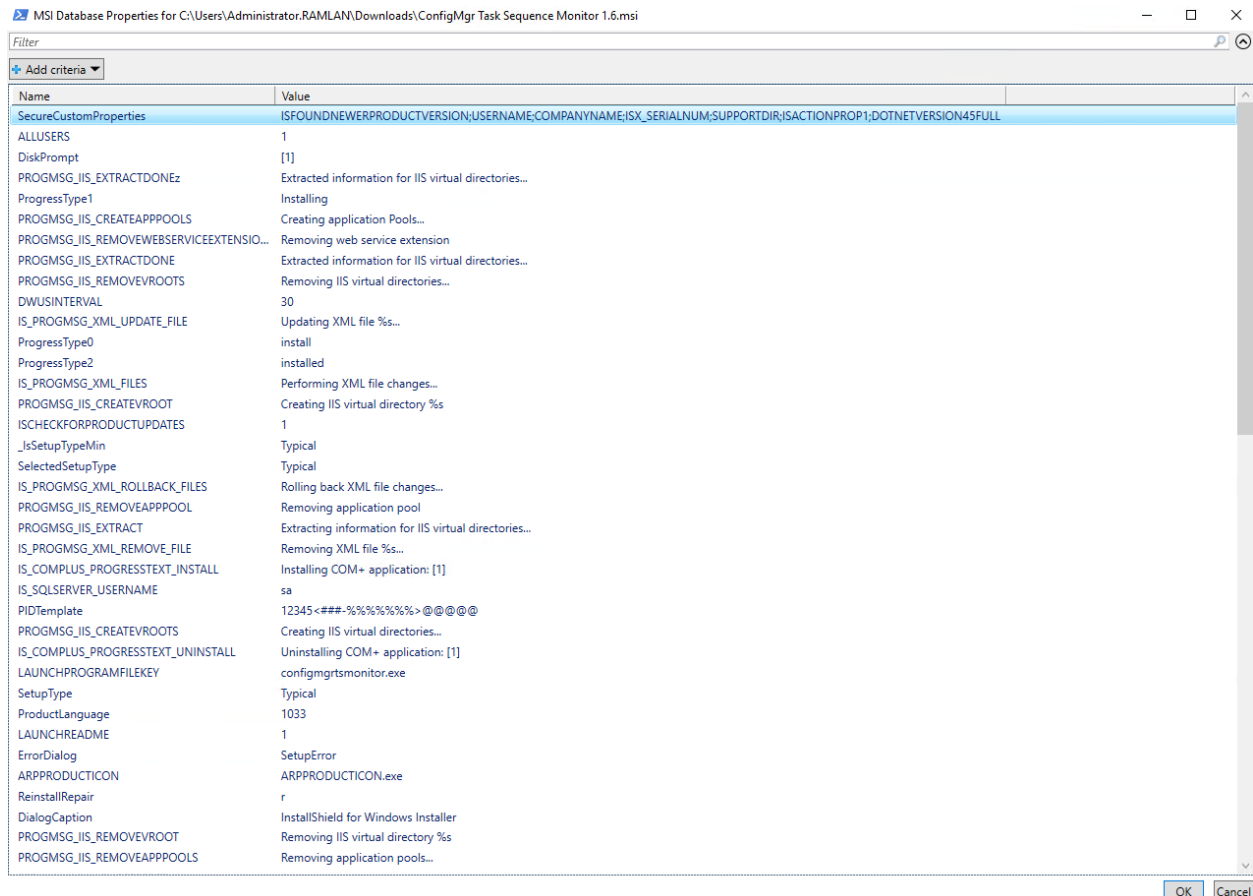
Now right click on MSI file and click Get MSI information

This is what you will see

MSI Database Properties for C:\Users\Administrator.RAMLAN\Downloads\ConfigMgr Task Sequence Monitor 1.6.msi

Filter

+ Add criteria ▼

Name	Value	
DisplayNameCustom	Custom	
InstallChoice	AR	
IS_SQLSERVER_AUTHENTICATION	0	
UpgradeCode	{13039452-F2CA-4D48-922C-27908C513F57}	
ReinstallModeText	omus	
PROGMSG_IIS_CREATEWEBSERVICEEXTENSION	Creating web service extension	
ISVROOT_PORT_NO	0	
AgreeToLicense	No	
PROGMSG_IIS_CREATEWEBSITE	Creating IIS website %s	
IS_COMPLUS_PROGRESSTEXT_COST	Costing COM+ application: [1]	
IS_PROGMSG_XML_COSTING	Costing XML files...	
IS_PROGMSG_XML_CREATE_FILE	Creating XML file %s...	
ApplicationUsers	AllUsers	
PROGMSG_IIS_ROLLBACKVROOTS	Rolling back virtual directory and web site changes...	
Display_IsBitmapDlg	1	
Manufacturer	SMSAgent	
DisplayNameMinimal	Minimal	
ReinstallFileVersion	o	
SHOWLAUNCHPROGRAM	-1	
INSTALLLEVEL	200	
DisplayNameTypical	Typical	
RestartManagerOption	CloseRestart	
ARPURLINFOABOUT	http://www.smsagent.wordpress.com	
RebootYesNo	Yes	
DefaultUIFont	ExpressDefault	
PROGMSG_IIS_EXTRACTzDONE	Extracted information for IIS virtual directories...	
PROGMSG_IIS_CREATEWEBSERVICEEXTENSIONS	Creating web service extensions...	
PROGMSG_IIS_ROLLBACKAPPPOOLS	Rolling back application pools...	
PROGMSG_IIS_REMOVEWEBSERVICEEXTENSIO...	Removing web service extensions...	
PROGRAMFILETOLAUNCHATEND	[INSTALLDIR]ConfigMgrTSMonitor.exe	
IS_PROGMSG_TEXTFILECHANGS_REPLACE	Replacing %s with %s in %s...	
ProductCode	{13341CA9-778B-4098-A4DD-D4CE868A8FCC}	
PROGMSG_IIS_ROLLBACKWEBSERVICEEXTENS...	Rolling back web service extensions...	
DiskSerial	1234-5678	
IS_PREVENT_DOWNGRADE_EXIT	A newer version of this application is already installed on this computer. If you wish to install this version, please uninstall the newer versi...	
LAUNCHPROGRAMCOMPCODE	{AB8E67EE-CA36-435B-8EB6-F259A10EFB6E}	
ProductName	ConfigMgr Task Sequence Monitor	

OK   Cancel

A good script for packagers.

Thanks

Ram Lan
13th April 2020