

Step 1: Acquire the Migration Tool

- 2024-05-08 - Comments (0) - Migration

Lasernet for Dynamics 365

To be able to migrate the configuration from one environment to another, we are required to download the migration tool provided by Microsoft.

Prerequisites

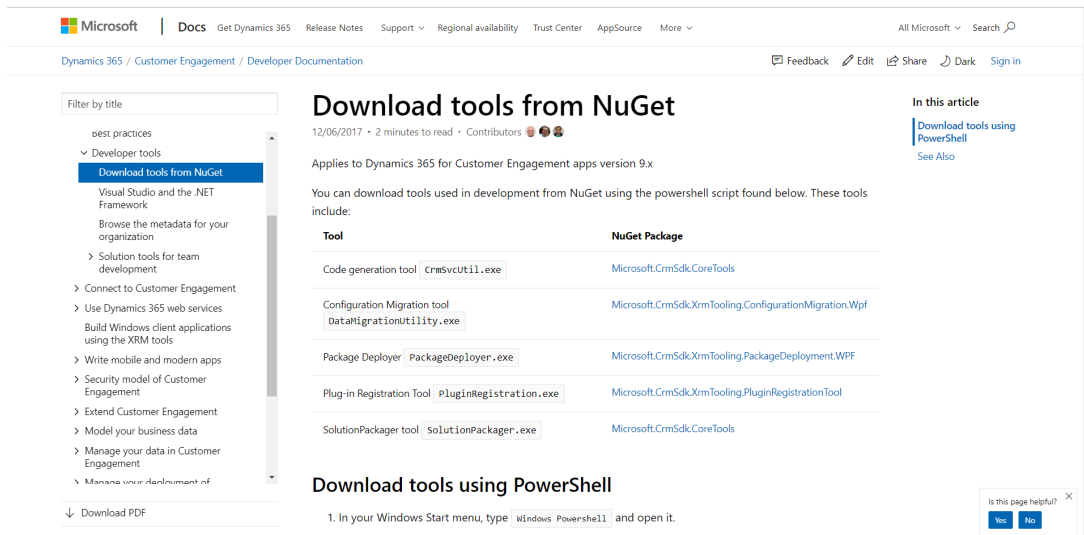
To be able to execute the steps required in this article the following is required:

- Administrative access to the installation location

Steps

1. Navigate to

<https://docs.microsoft.com/en-us/dynamics365/customer-engagement/developer/download-tools-nuget>



The screenshot shows the Microsoft Docs page for "Download tools from NuGet". The page title is "Download tools from NuGet" and it is dated 12/06/2017. It applies to Dynamics 365 for Customer Engagement apps version 9.x. The page content includes a list of tools and their corresponding NuGet packages:

Tool	NuGet Package
Code generation tool <code>CmsSvcUtil.exe</code>	Microsoft.CrmSdk.CoreTools
Configuration Migration tool <code>DataMigrationUtility.exe</code>	Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf
Package Deployer <code>PackageDeployer.exe</code>	Microsoft.CrmSdk.XrmTooling.PackageDeployment.WPF
Plug-in Registration Tool <code>PluginRegistration.exe</code>	Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool
SolutionPackager tool <code>SolutionPackager.exe</code>	Microsoft.CrmSdk.CoreTools

Below the table, there is a section titled "Download tools using PowerShell" with the following instruction:

1. In your Windows Start menu, type `Windows PowerShell` and open it.

The page also includes a sidebar with a search filter and a "Download PDF" button. A small "Is this page helpful?" poll is visible in the bottom right corner.

2. Copy the script as instructed from the steps in the link above.

```
[Net.ServicePointManager]::SecurityProtocol =  
[Net.SecurityProtocolType]::Tls12  
$sourceNugetExe =
```

```

"https://dist.nuget.org/win-x86-commandline/latest/nuget.exe"
$targetNugetExe = ".\nuget.exe"
Remove-Item .\Tools -Force -Recurse -ErrorAction Ignore
Invoke-WebRequest $sourceNugetExe -OutFile $targetNugetExe
Set-Alias nuget $targetNugetExe -Scope Global -Verbose

##
##Download Plugin Registration Tool
##
./nuget install Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool -0
.\Tools
md .\Tools\PluginRegistration
$prtFolder = Get-ChildItem ./Tools | Where-Object {$_.Name -match
'Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool.'}
move .\Tools\$prtFolder\tools\*. * .\Tools\PluginRegistration
Remove-Item .\Tools\$prtFolder -Force -Recurse

##
##Download CoreTools
##
./nuget install Microsoft.CrmSdk.CoreTools -0 .\Tools
md .\Tools\CoreTools
$coreToolsFolder = Get-ChildItem ./Tools | Where-Object {$_.Name -
match 'Microsoft.CrmSdk.CoreTools.'}
move .\Tools$coreToolsFolder\content\bin\coretools\*. *
.\Tools\CoreTools
Remove-Item .\Tools$coreToolsFolder -Force -Recurse

##
##Download Configuration Migration
##
./nuget install
Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf -0 .\Tools
md .\Tools\ConfigurationMigration
$configMigFolder = Get-ChildItem ./Tools | Where-Object {$_.Name -
match 'Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf.'}
move .\Tools$configMigFolder\tools\*. *
.\Tools\ConfigurationMigration
Remove-Item .\Tools$configMigFolder -Force -Recurse

##

```

```
##Download Package Deployer
```

```
##
```

```
./nuget install Microsoft.CrmSdk.XrmTooling.PackageDeployment.WPF -O  
.\Tools
```

```
md .\Tools\PackageDeployment
```

```
$pdFolder = Get-ChildItem ./Tools | Where-Object {$_.Name -match  
'Microsoft.CrmSdk.XrmTooling.PackageDeployment.Wpf.'}
```

```
move .\Tools\${pdFolder}\tools\*. * .\Tools\PackageDeployment
```

```
Remove-Item .\Tools\${pdFolder} -Force -Recurse
```

```
##
```

```
##Download Package Deployer PowerShell module
```

```
##
```

```
./nuget install
```

```
Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell -O .\Tools
```

```
$pdPoshFolder = Get-ChildItem ./Tools | Where-Object {$_.Name -match  
'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell.'}
```

```
move .\Tools\${pdPoshFolder}\tools\*. *  
.\Tools\PackageDeployment.PowerShell
```

```
Remove-Item .\Tools\${pdPoshFolder} -Force -Recurse
```

```
##
```

```
##Remove NuGet.exe
```

```
##
```

```
Remove-Item nuget.exe
```

3. In your Windows Start menu, type "Windows Powershell" and open it.

The image shows a Windows Start menu search for "Windows PowerShell ISE" with the result highlighted in a red box. To the right, a webpage titled "Download tools using PowerShell" provides instructions and a PowerShell script. The script includes commands for installing the NuGet.exe tool and downloading the Package Deployment WPF and PowerShell modules.

```
Filter by title  
best practices  
Developer tools  
Files  
Windows PowerShell ISE  
Desktop app  
Apps  
Windows PowerShell  
Windows PowerShell (x86)  
Windows PowerShell ISE (x86)  
Settings  
Replace Command Prompt with Windows PowerShell when using Windows + X menu  
Windows powershell ISE
```

Plug-in Registration Tool PluginRegistration.exe Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool
SolutionPackager tool SolutionPackager.exe Microsoft.CrmSdk.CoreTools

Download tools using PowerShell

1. In your Windows Start menu, type `Windows PowerShell` and open it.
2. Navigate to the folder you want to install the tools to. For example if you want to install them in a `tools` folder on your D drive, type `cd D:\tools`
3. Copy and paste the following PowerShell script into the PowerShell window and press Enter.

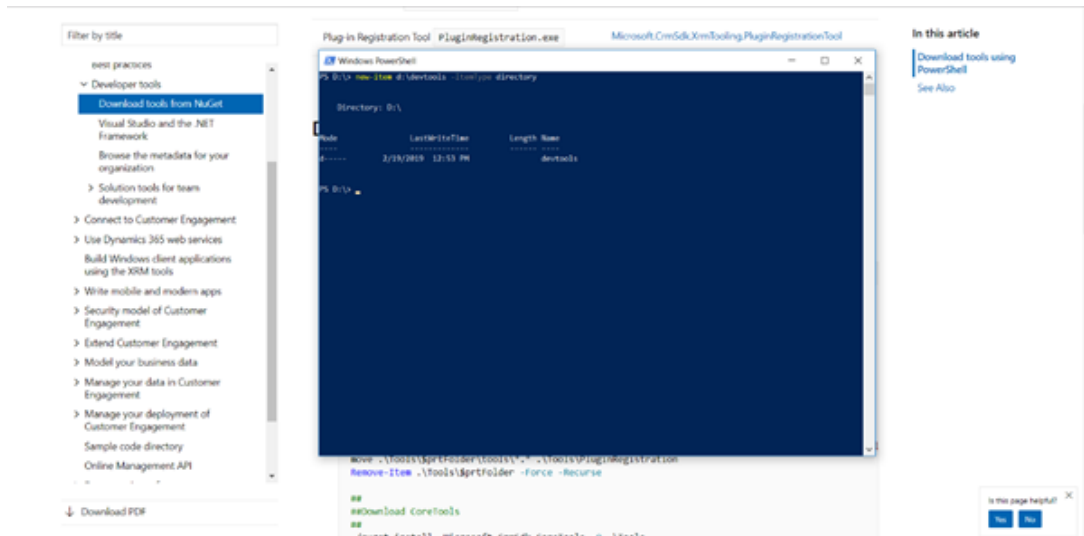
```
PowerShell  
$sourceNuGetExe = "https://dist.nuget.org/win-x86-commandline/latest/nuget.exe"  
$targetNuGetExe = ".\nuget.exe"  
Remove-Item .\tools -Force -Recurse -ErrorAction Ignore  
Invoke-WebRequest $sourceNuGetExe -outfile $targetNuGetExe  
Set-Alias nuget $targetNuGetExe -Scope Global -Verbose  
  
##  
##Download Plugin Registration tool  
##  
./nuget install Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool -O .\tools  
md .\tools\PluginRegistration  
$prFolder = Get-ChildItem .\tools | Where-Object {$_.Name -match 'Microsoft.CrmSdk.XrmTooling.PI'  
move .\tools\${prFolder}\tools\*. * .\tools\PluginRegistration  
Remove-Item .\tools\${prFolder} -Force -Recurse  
  
##  
##Download Coretools  
##  
./nuget install Microsoft.CrmSdk.CoreTools -O .\tools
```

In this article
Download tools using PowerShell
See Also

Is this page helpful?

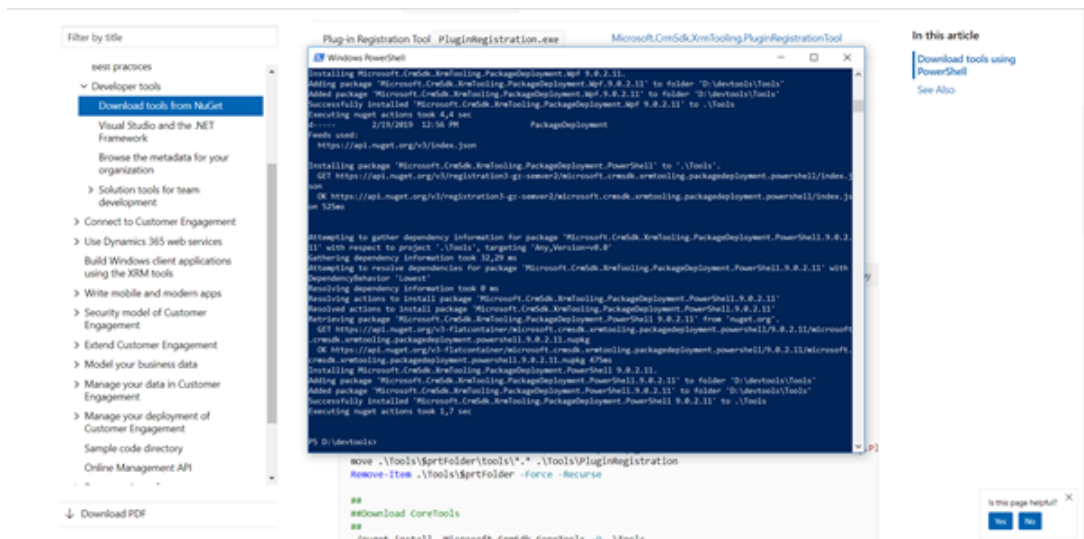
4. Create a new folder where the tools need to be installed. Type:

"new-item d:\devtools -ItemType directory"

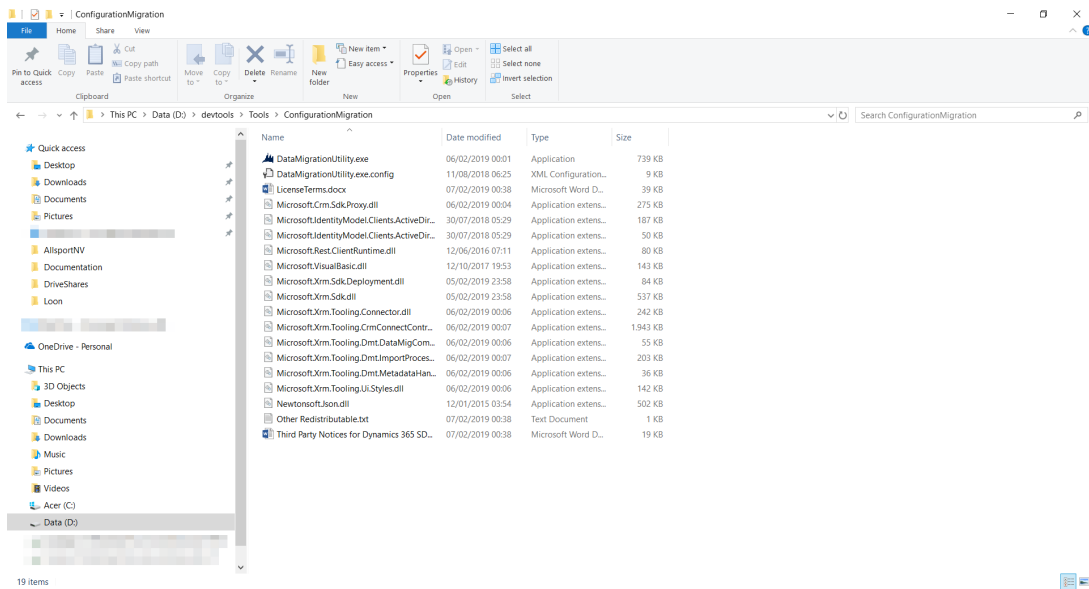


5. Navigate to the folder you want to install the tools to. For example, if you want to install them in a *devtools* folder on your D drive, type "cd D:\devtools".

6. Paste the script copied above into the PowerShell window and press the Enter key. PowerShell will finish with the following message:



7. Navigate to the corresponding folder. You will now have acquired the MigrationTool.



Related Content

- [Step 3: Export Configuration Data](#)
- [Step 2: Create a Migration Schema](#)