

## 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

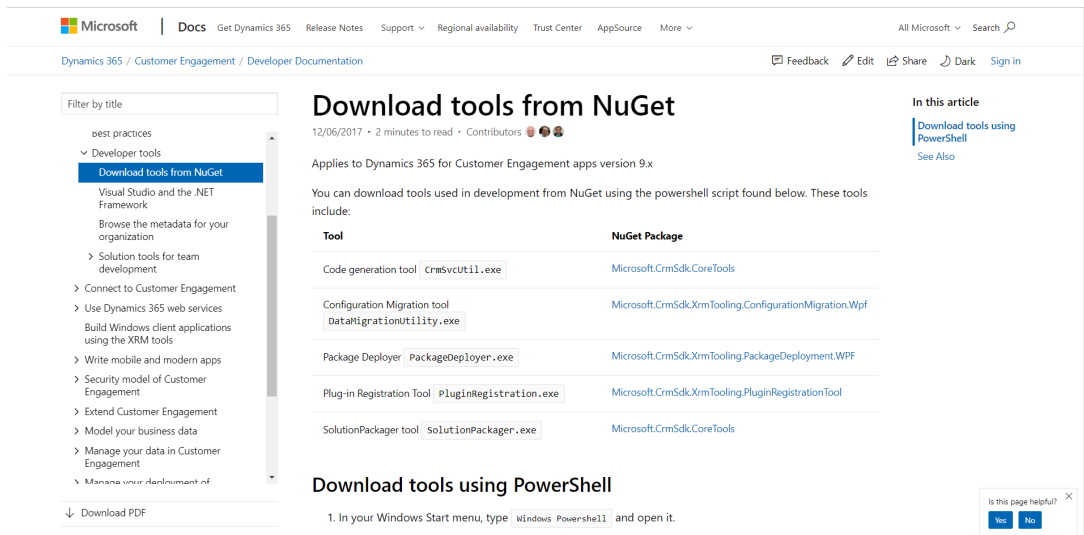
To be able to execute the steps required in this article the following is required:

- 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>	<a href="#">Microsoft.CrmSdk.CoreTools</a>
Configuration Migration tool <code>DataMigrationUtility.exe</code>	<a href="#">Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf</a>
Package Deployer <code>PackageDeployer.exe</code>	<a href="#">Microsoft.CrmSdk.XrmTooling.PackageDeployment.WPF</a>
Plug-in Registration Tool <code>PluginRegistration.exe</code>	<a href="#">Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool</a>
SolutionPacker tool <code>SolutionPacker.exe</code>	<a href="#">Microsoft.CrmSdk.CoreTools</a>

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
```

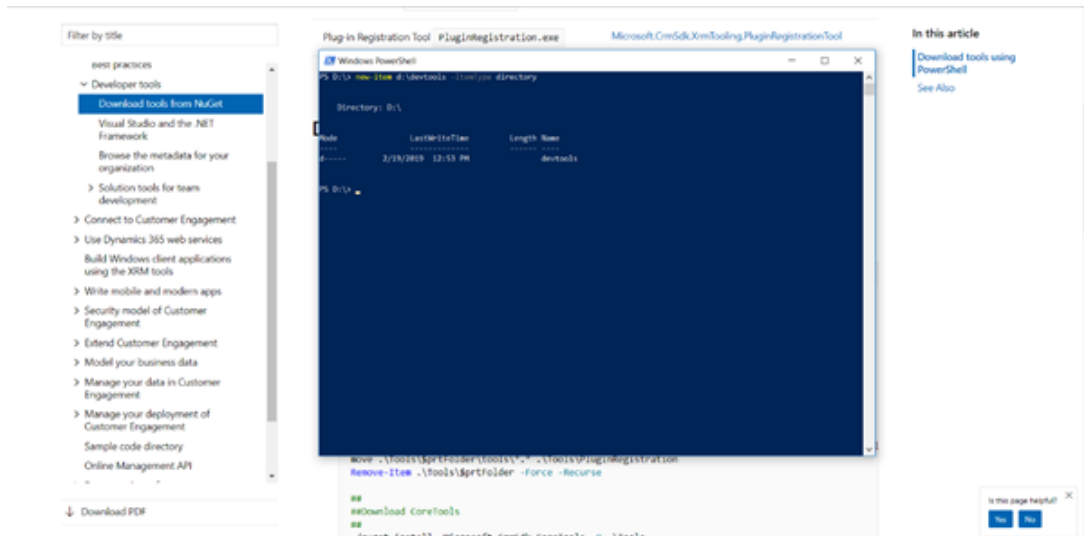
3. In your Windows Start menu, type "Windows Powershell" and open it.

The screenshot shows a Windows Start menu search for "Windows PowerShell ISE", which is highlighted with a red box. To the right, a PowerShell script is displayed in a code editor window. The script is titled "Download tools using PowerShell" and contains the following commands:

```
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
```

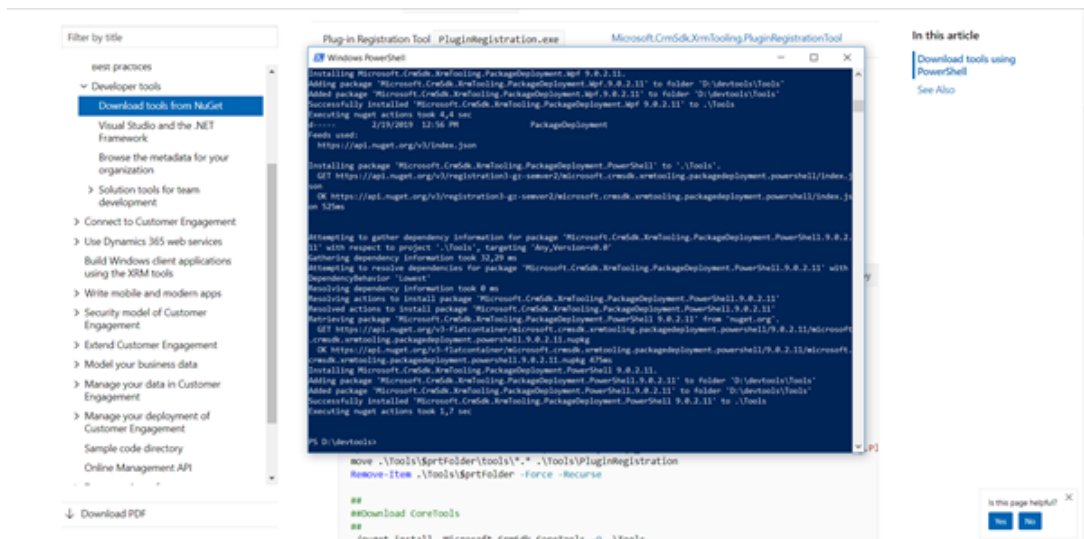
4. Create a new folder where the tools need to be installed. Type:

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

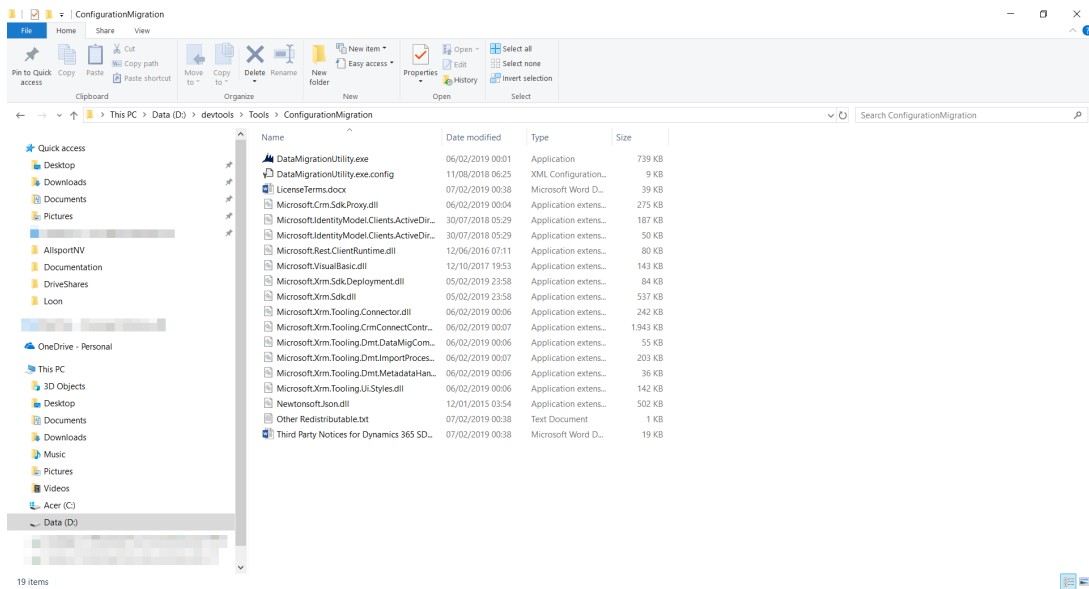


5. Navigate to the folder you want to install the tools to. For example, if you want to install them in a *devtools* folder on your D drive, type "cd D:\devtools".

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](#)