

## Acquire the migration tool.

- 2021-07-15 - 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

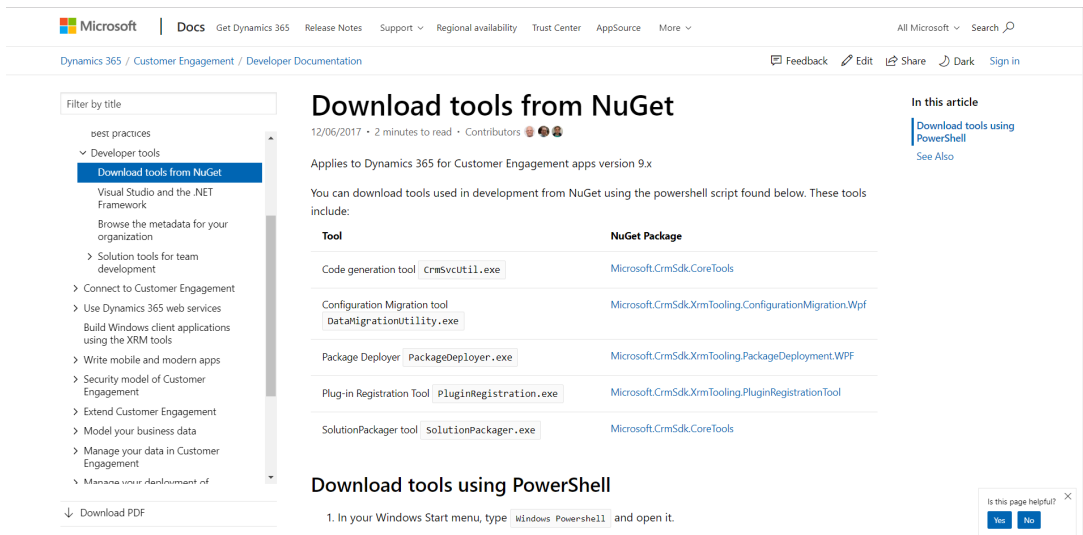
To be able to execute the steps required in this article the following is required:

- Administrative access to the installation location

### Steps

1. Go to

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



The screenshot shows a Microsoft Docs page for 'Download tools from NuGet'. The page is dated 12/06/2017 and is estimated to take 2 minutes to read. It applies to Dynamics 365 for Customer Engagement apps version 9.x. The main content explains that users can download tools used in development from NuGet using a PowerShell script. A table lists the 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>     |
| SolutionPackager tool <code>SolutionPackager.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 features a sidebar with a search filter and a list of related articles, and a 'Feedback' section at the bottom right.

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

### Script

```
[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

```

```

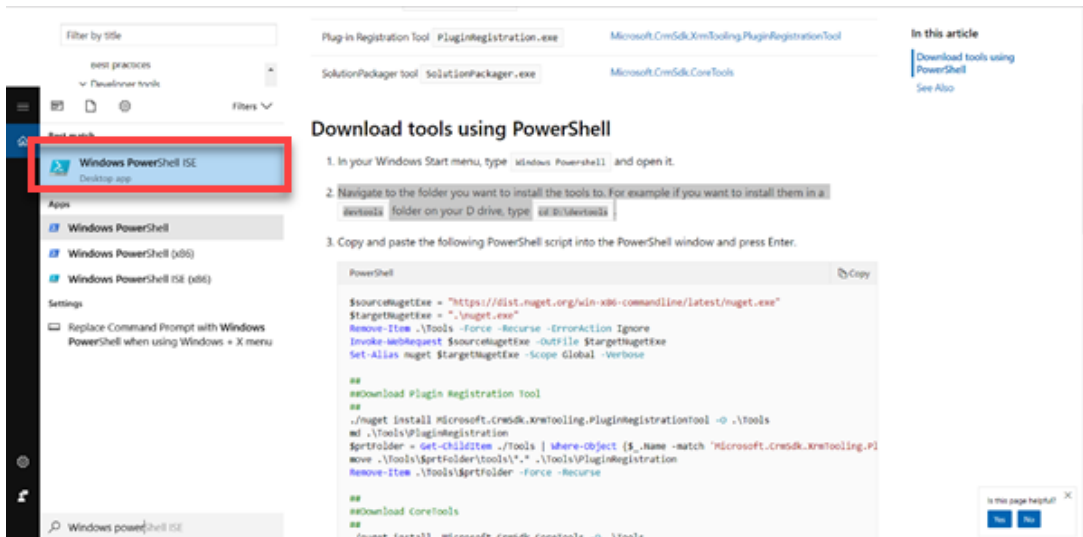
##
##Download Package Deployer
##
./nuget install Microsoft.CrmSdk.XrmTooling.PackageDeployment.WPF -0
.\Tools
md .\Tools\PackageDeployment
$pdFolder = Get-ChildItem ./Tools | Where-Object {$_.Name -match
'Microsoft.CrmSdk.XrmTooling.PackageDeployment.Wpf.'}
move .\Tools\$pdFolder\tools\*. * .\Tools\PackageDeployment
Remove-Item .\Tools\$pdFolder -Force -Recurse

##
##Download Package Deployer PowerShell module
##
./nuget install
Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell -0 .\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

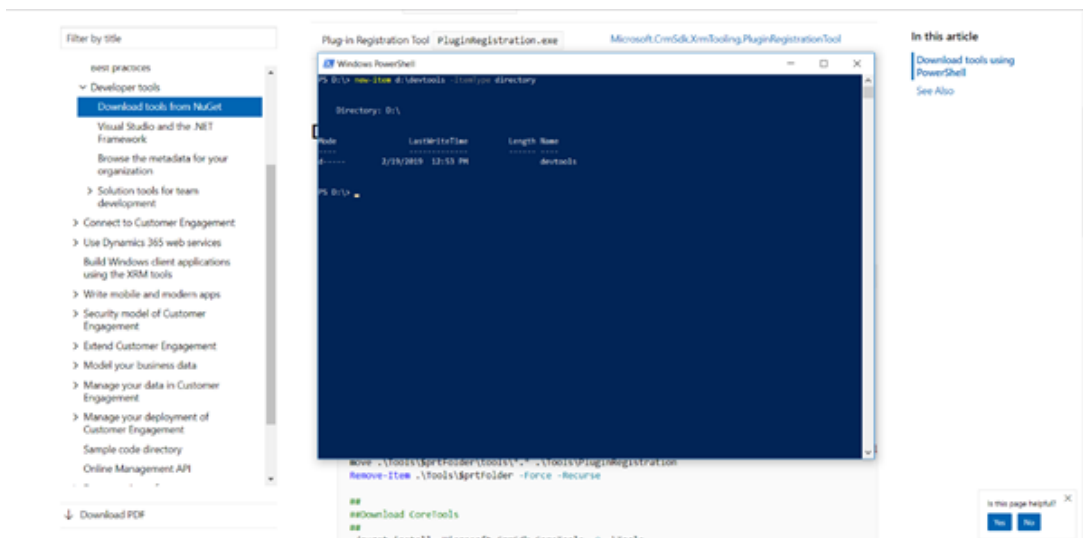
```

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



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

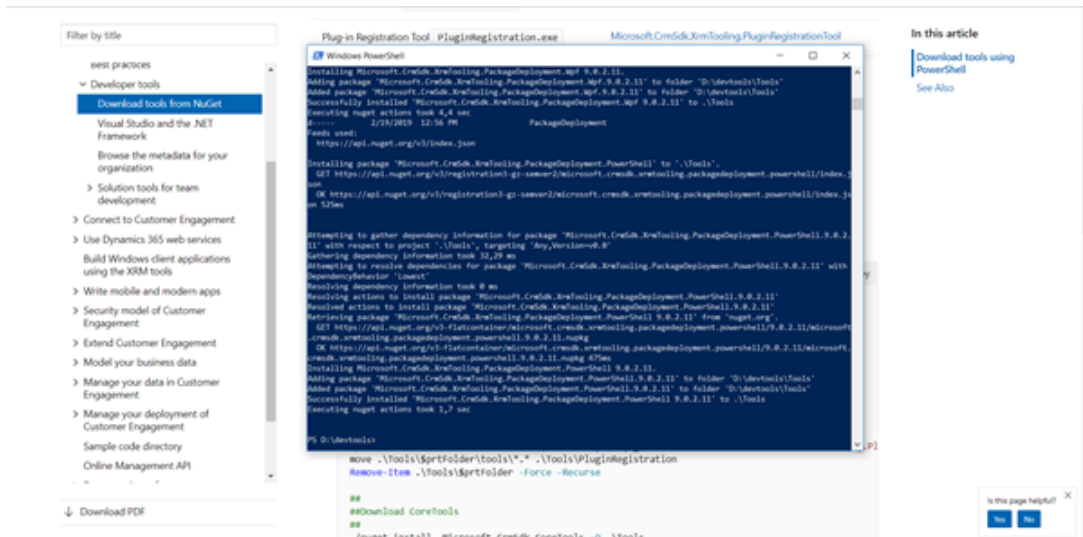
"new-item d:\devtools -Itemtype directory"



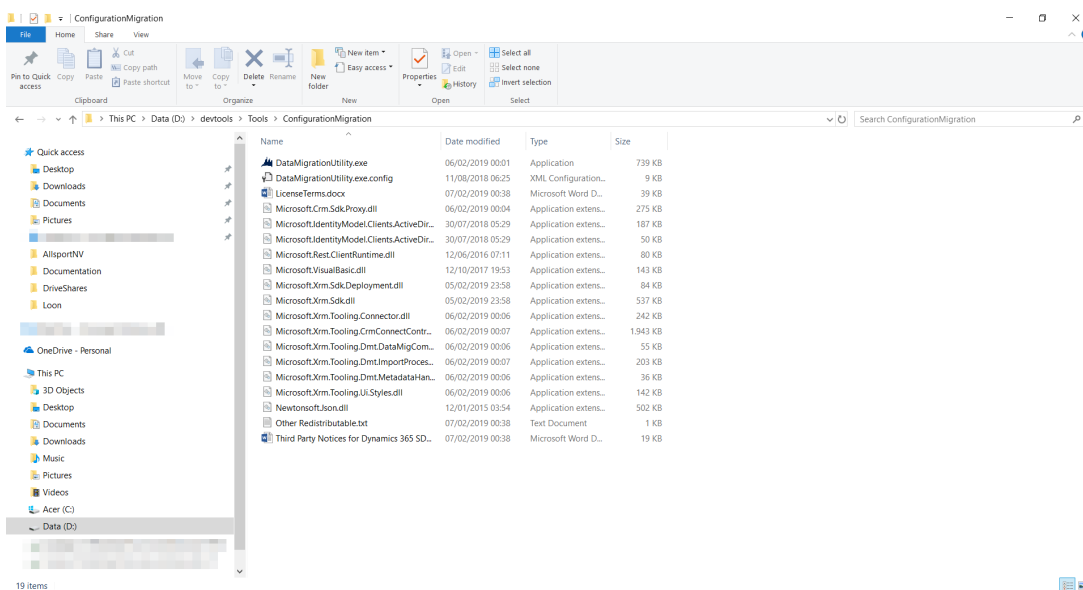
5. Navigate to the folder you want to install the tools to. For example, if you want to install them in a *devtools* folder on your D drive, type "cd D:\devtools".

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

- [Export configuration data](#)
- [Create a migration schema](#)