

Updating from older versions to BDS 1.11 or higher

The following steps outline the process of updating the Work Repository to use the new version of DevOps package:

1. Local Development Environment initialization.
2. Determine the version of Aras DevOps to install.
3. Update version of the Aras DevOps PowerShell module.
4. Run Update-ArasDevopsFrameworkVersion cmdlet.

Local Development Environment initialization

1. Clone the repository and check out the branch (See [Cloning Repo to Local Working Directory](#).)
2. Open **Windows PowerShell** as Administrator.
3. Run **.\repo-init.ps1** command for initializing the Repository with initial **Packages**

Determine the version of Aras DevOps to install

1. To identify the source name of the DevOps package that points to the NuGet feed containing the DevOps package, run the Get-PackageSource command.

```
PS C:\Projects\NewRepo\Work\Work.ruchira.walavalkar\Work> Get-PackageSource

Name                ProviderName      IsTrusted  Location
----                -
nuget.org           NuGet             False      https://api.nuget.org/v3/index.json
azure.artifacts.aras.com NuGet             True       https://pkgs.dev.azure.com/ArasSDETr
PSGallery           PowerShellGet     False      https://www.powershellgallery.com/ap
azure.artifacts.aras.com PowerShellGet     True       https://pkgs.dev.azure.com/ArasSDETr
```

2. Run of the following commands to find last released version of DevOps package:

```
Find-Package -Source azure.artifacts.aras.com -Name "{package_name}" -ProviderName NuGet -MinimumVer
```

where "{package_name}" can be Aras.SaaS.DevOpsFramework.Msi or Aras.SaaS.DevOpsFramework.Aicd or Aras.DevOpsFramework.SaaS3 based on current name of the package used in AutomatedProcedures\Tools\packages.config

As a result, command will return the latest version:



```
PS C:\Users\vignatyuk> Find-Package -Source azure.artifacts.aras.com -Name "Aras.SaaS.DevOpsFramework.Msi" -ProviderName Nuget -MinimumVersion 1 -MaximumVersion 9999
```

Name	Version	Source	Summary
Aras.SaaS.DevOpsFramework.Msi	1.3.0.15043	azure.artifacts.aras.com	This package contains references to...
Aras.SaaS.DevOpsFramework.Msi	1.7.0.20441	azure.artifacts.aras.com	This package contains references to...

Note down received version and use it during update instead of "{new version}".

Update version of the Aras DevOps PowerShell module

1. **Remove the current installed Aras DevOps Module:** Run the following command to remove old module in the Windows PowerShell :

```
Remove-Module -Name "Aras.Devops" -Force
```

2. **Install new version of Aras DevOps Module:** It is very important to use the relevant version of Aras DevOps module as there might be changes inside commands that can be critical for update, so run the following command to install the new module in the Windows PowerShell:

```
Install-Module -Name "Aras.Devops" -RequiredVersion "{new version}"
```

where "{new version}" is version received during **Determine the version of Aras DevOps to install** step of this chapter.

3. **Import new version of Aras DevOps Module:** Run the following command to import new module in the Windows PowerShell:

```
Import-Module -Name "Aras.Devops" -RequiredVersion "{new version}"
```

where "{new version}" is version received during **Determine the version of Aras DevOps to install** step of this chapter.

Run Update-ArasDevopsFrameworkVersion cmdlet

1. Open Windows PowerShell as Administration and run the following command:

```
Update-ArasDevopsFrameworkVersion -DevopsFrameworkReleaseVersion "{BDS simple version}" -RepositoryPath "{Work Repository path}"
```

{Work Repository path} - should be replaced with the Work Repository path.

{BDS simple version} - should be replaced with the new BDS version you want to use, for example:

```
20. Update-ArasDevopsFrameworkVersion -DevopsFrameworkReleaseVersion "1.11" -RepositoryPath "C:\work"
```

2. **Verify Success:**

Ensure the command is executed successfully and no errors appear in the console.

Confirm a new commit is added, containing at least:

- o An **updated single package** version in AutomatedProcedures\tools\packages.config
- o An **updated DevOps.Framework.Version** in AutomatedProcedures\Default.Settings.include

