

Reinstallation guide

Assumptions :

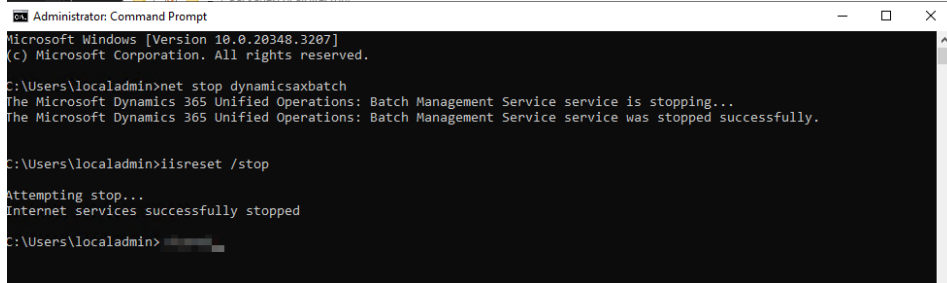
- Previous installations of the product followed the Microsoft suggested path of
 1. installing the package on a dev VM
 2. Checking the model into source control
 3. Doing an online DevOps build
 4. Uploading the deployable package to LCS
 5. Deploying uploaded package to Sandbox / UAT
 6. Releasing package from Sandbox / UAT to Production
- Building of models and database synchronization should be followed as per this document to avoid data loss.
- This guide assumes that you are working the Main branch of your DevOps project.

Important Considerations:

- **Administrative Privileges:** Ensure all actions involving command prompts and Visual Studio are performed with administrator privileges.
- **Metadata Path:** Double-check the accuracy of your metadata path.
- **Database Synchronization Timing:** Adhere strictly to the instruction to **avoid database synchronization between model removal and reinstallation.**
- **Source Control:** Proper use of Source Control is essential for tracking changes and managing the model.
- **Service Interruption:** Be aware that stopping IIS and the Batch Management Service will interrupt related functionalities. Plan accordingly.
- **Backup:** It is always a good idea to create a database backup before performing any major changes to the Dynamics 365 environment.

Removing the current installation :

- 1) We recommend to stop (1) IIS Server in IIS Manager and (2) Microsoft Dynamics 365 Unified Operations: Batch Management Service in Computer Management, or through an Admin command prompt, before the installation takes place.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.20348.3207]
(c) Microsoft Corporation. All rights reserved.

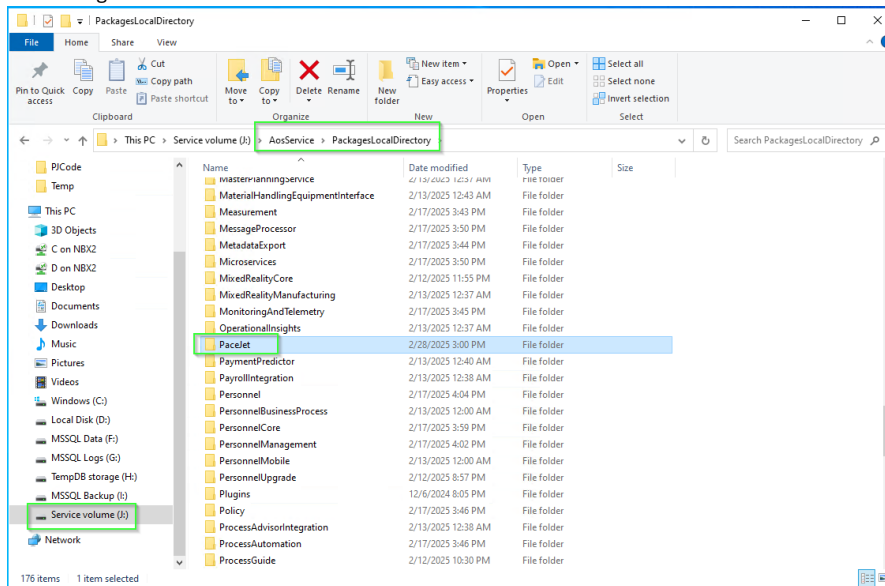
C:\Users\localadmin>net stop dynamicsaxbatch
The Microsoft Dynamics 365 Unified Operations: Batch Management Service service is stopping...
The Microsoft Dynamics 365 Unified Operations: Batch Management Service service was stopped successfully.

C:\Users\localadmin>iisreset /stop

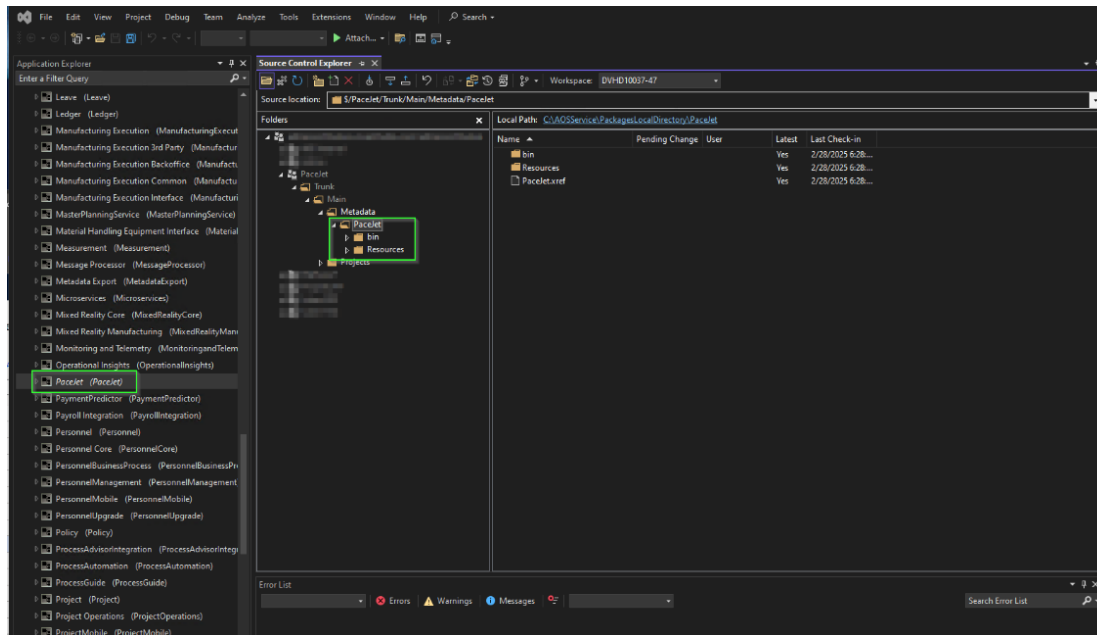
Attempting stop...
Internet services successfully stopped

C:\Users\localadmin>
```

- 2) Make sure the PaceJet model is installed by navigating to your metadata path (normally one of the following :
 - a. C:\AosService\PackagesLocalDirectory
 - b. K:\AosService\PackagesLocalDirectory
 - c. J:\AosService\PackagesLocalDirectory)
 and seeing the “PaceJet” folder.

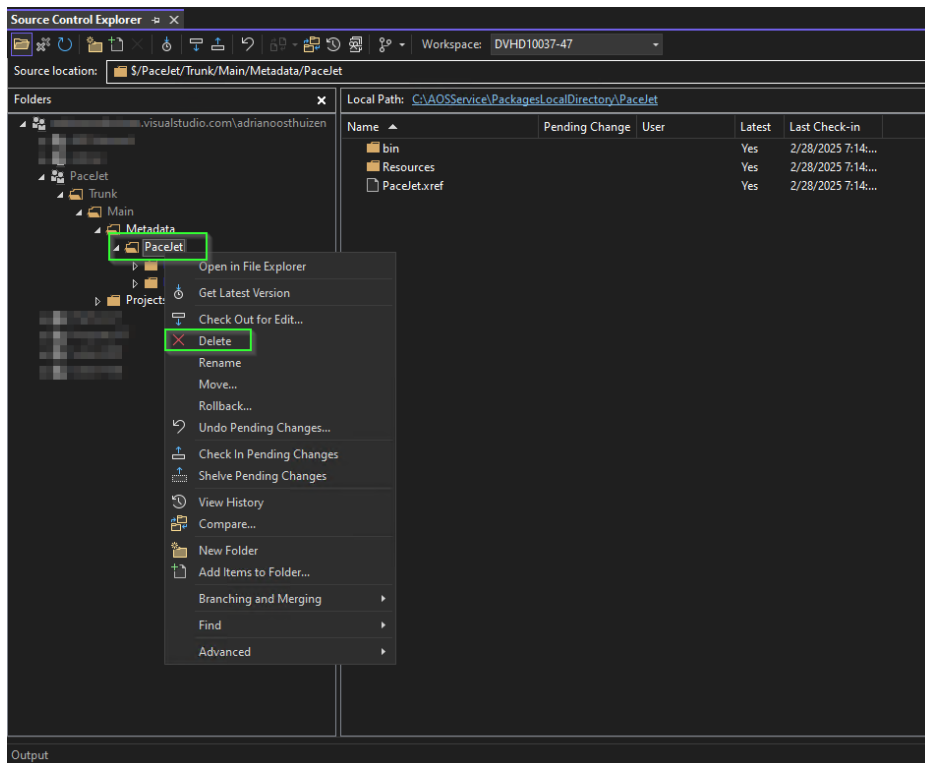


As well as in Visual Studio :

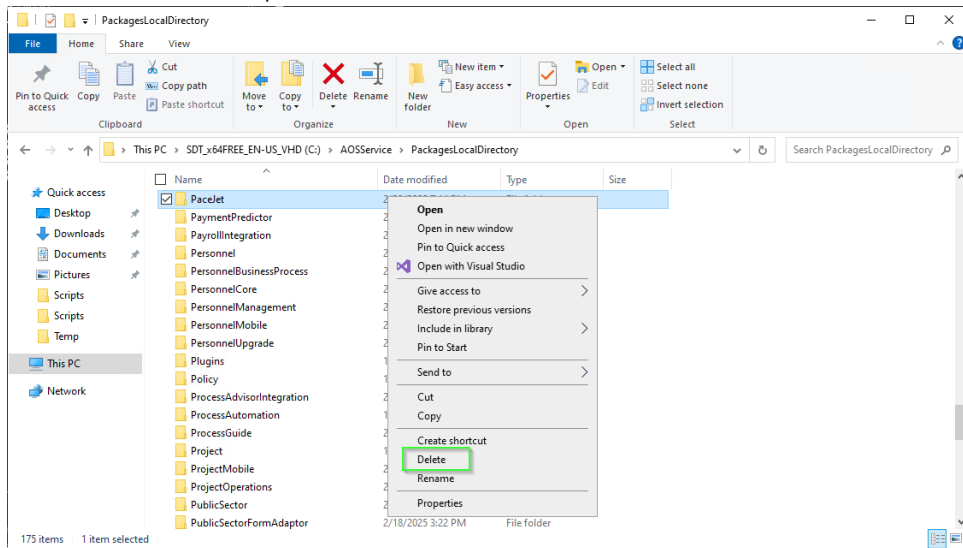


- d. You'll notice in Visual studio that the model's name is printed in italic and only the objects are visible, not the code.
- e. In Source control, you should have the model as shown above.

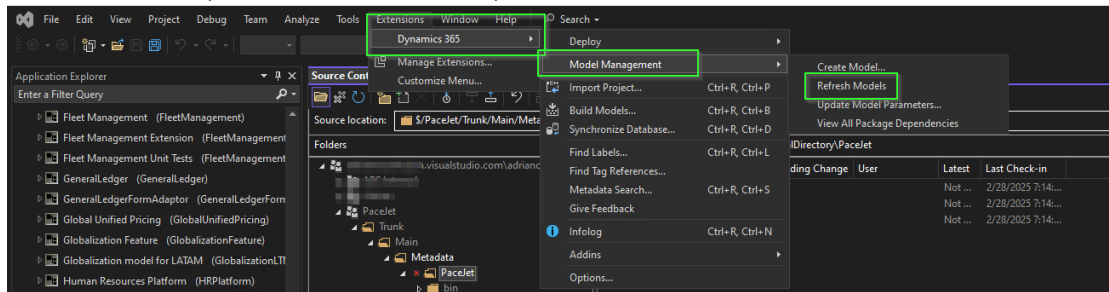
- 3) Once you've located the model in both the Windows file explorer and Visual studio Source control explorer, you need to delete it from Source control, then check in the delete action.



- 4) Also delete it from the file explorer :



- 5) When deleted in both places, close Visual studio, reopen it as administrator and refresh the models :

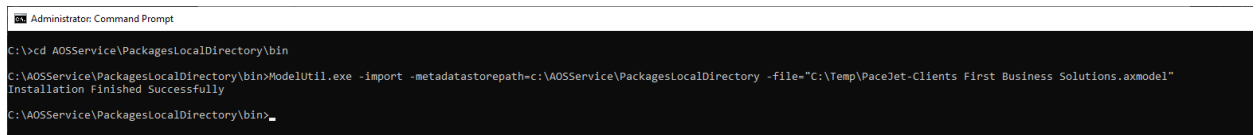


The model should no longer appear in the AOT.

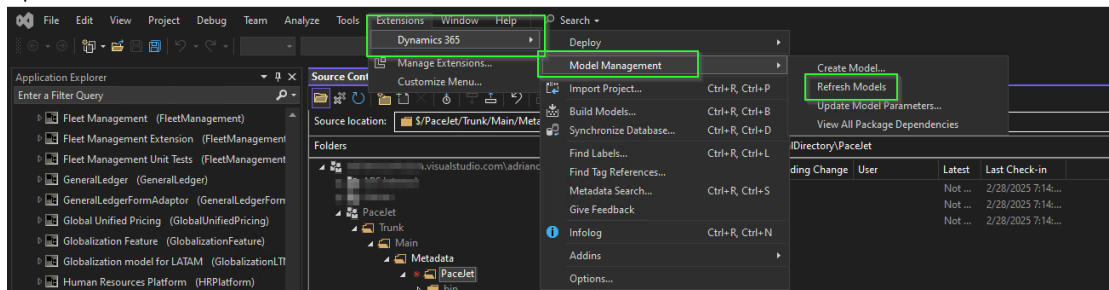
***** DO NOT SYNC THE DATABASE IN BETWEEN REMOVING AND REINSTALLING THE MODEL. IT WILL DROP ALL THE PACEJET OBJECTS AND LOSE PACEJET DATA *****

Installing the new Model:

- 1) Copy the .axmodel file to the server and make a note of the full path.
- 2) Make sure all instances of Visual Studio is closed.
- 3) Open an administrator command prompt and navigate to the Bin folder inside the meta data path identified in step 2 of the removal. normally one of the following:
 - a. C:\AosService\PackagesLocalDirectory
 - b. K:\AosService\PackagesLocalDirectory
 - c. J:\AosService\PackagesLocalDirectory
- 4) Execute the command for importing the PaceJet model :
 - a. `modelutil -import -metadastorepath="[metadata path]" -file="[full path to .axmodel file]"`
 - b. eg: `modelutil -import -metadastorepath="C:\AOSService\PackagesLocalDirectory" -file="C:\Temp\PaceJet-Clients First Business Solutions.axmodel"`

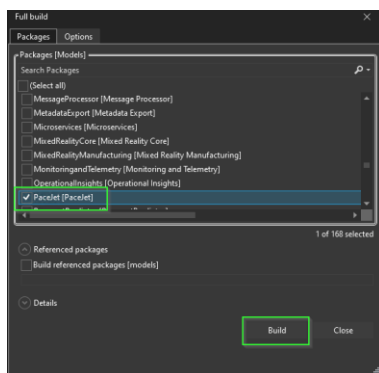
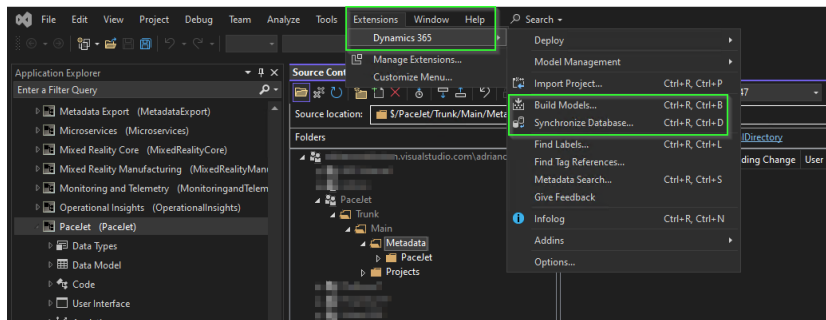


- 5) It is important the get the "Installation Finished Successfully" response.
- 6) Open Visual Studio as administrator and refresh the models once more :

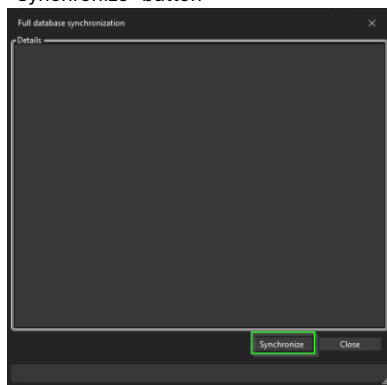


Build and Sync the newly added model:

- 1) From the Extension menu, select Dynamics 365 -> Build model and select the PaceJet model and click “Build”

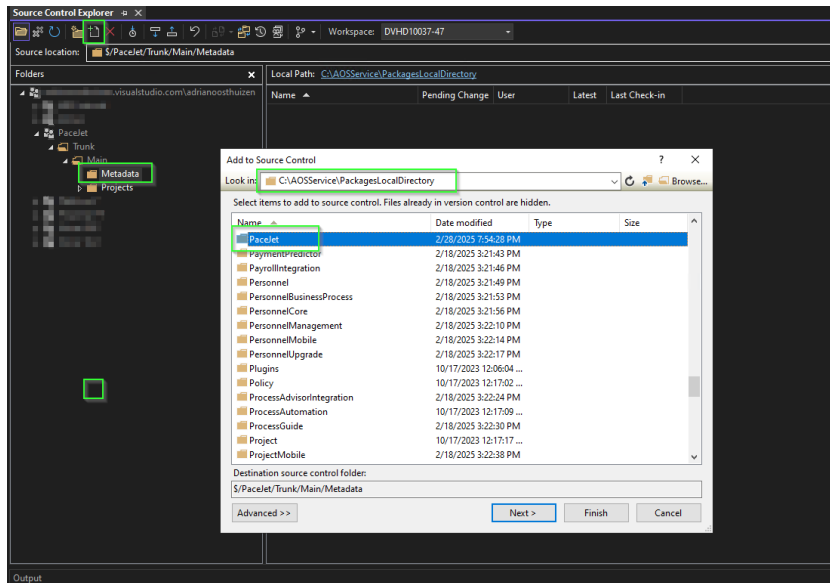


- 2) Once the build finished successfully with 0 Errors, select Extensions -> Dynamics 365 -> Synchronize Database and click the “Synchronize” button

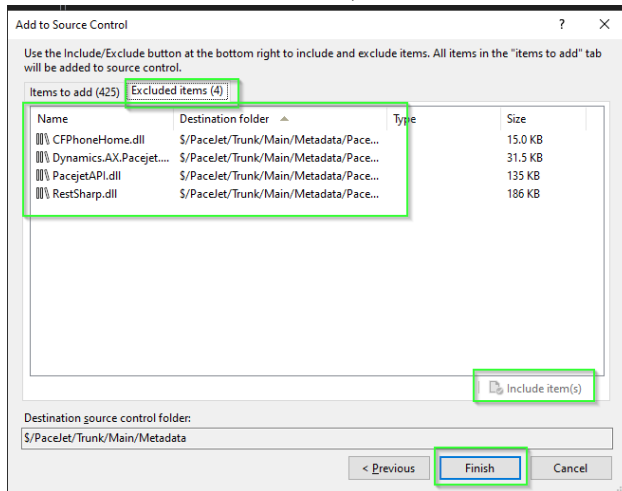


Check in and finalize

- 1) In Visual Studio, navigate to Source Control Explorer, then expand your project -> Trunk -> Main (or the branch you are importing this into -> MetaData).
- 2) Click the add item button and select the PaceJet Folder :

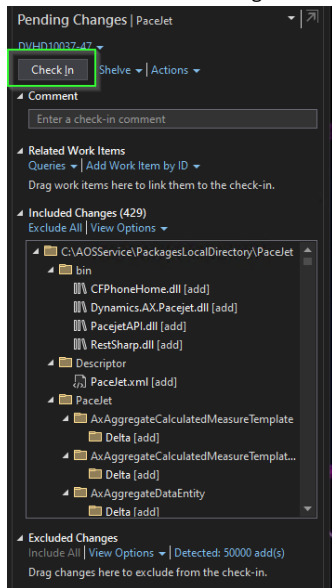


- 3) Click over to the “Excluded items” tab, select all the files and click “include files”



- 4) Click Finish

- 5) In Team Explorer -> Pending changes, make sure you see the newly added files, included the ones moved from “Excluded items” and check the changes in.



Now you should be able to see the methods and code from the AOT :

