OVARRO
CONNECTING TECHNOLOGIES

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Handling Several TWinSoft Versions

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Version	Date	Description
2.10	30/08/2019	New Template Add removal of WF2 objects
3.01	28/05/2020	New Template Ovarro
3.02	14/03/2022	Changes according to the new TWinSoft version

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1. Introduction

This is important!
Read this document if you want to use several versions of TWinsoft on one PC

It is not sufficient to install the new version of TWinSoft to another directory as TWinSoft uses **system files, which can be at only one location** and not shared by different versions.

This document explains the procedure to handle **several versions of TWinSoft,** that you are always sure you use the common files and other accessory software like WebForm Studio 2.0 corresponding to the TWinSoft running.

We will take the example of having two versions, **12.4.0 Build 1599** and **12.6.1 Build 1698** installed on one PC and switching between them.

If you need to handle TWinSoft 11.02 or earlier legacy versions, please contact the TBox support team: support.tbox@ovarro.com.

2. Program Files Organization

Since TWinSoft 11.03, TWinSoft program files are managed in two places:

- A directory that **you can choose** for TWinSoft and WebForm Studio 2.0 files. The following directory is the default, and we strongly recommend using this default directory all the time.
  ..\Program Files (x86)\Semaphore\TWinSoft
- A directory that **you cannot choose** for TWinSoft system files.
  ..\Program Files (x86)\Common Files\Techno Trade

3. Backup the Current Version

Let us suppose TWinSoft **12.4.0 Build 1599** is the latest version which has been installed on the PC. Before installing the new version of TWinSoft **12.6.1 Build 1698**, the user needs to back up the current version **12.4.0 Build 1599** on this PC, to make sure this version can be used after another version is installed.

Based on the program files management described in previous chapter, the backup actions will include:

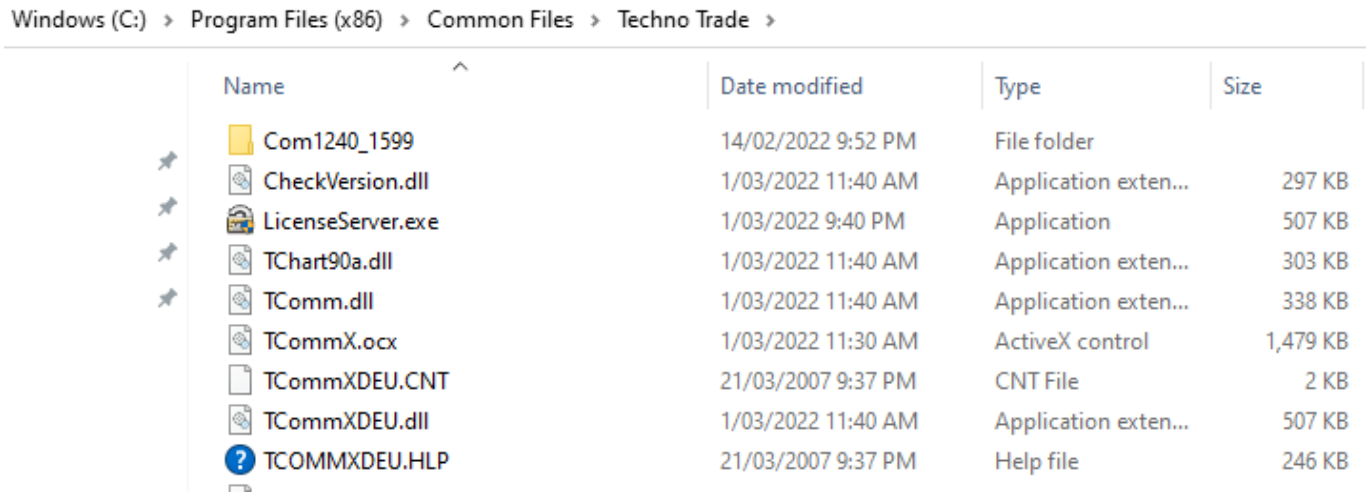
1. Backup of TWinSoft and WebForm Studio 2.0 files
   Create one subdirectory **Twin1240_1599** to the directory 'TWinSoft'.
   Copy all the files from 'TWinSoft' **+ directories "Libraries" and "Objects",** to **Twin1240_1599**

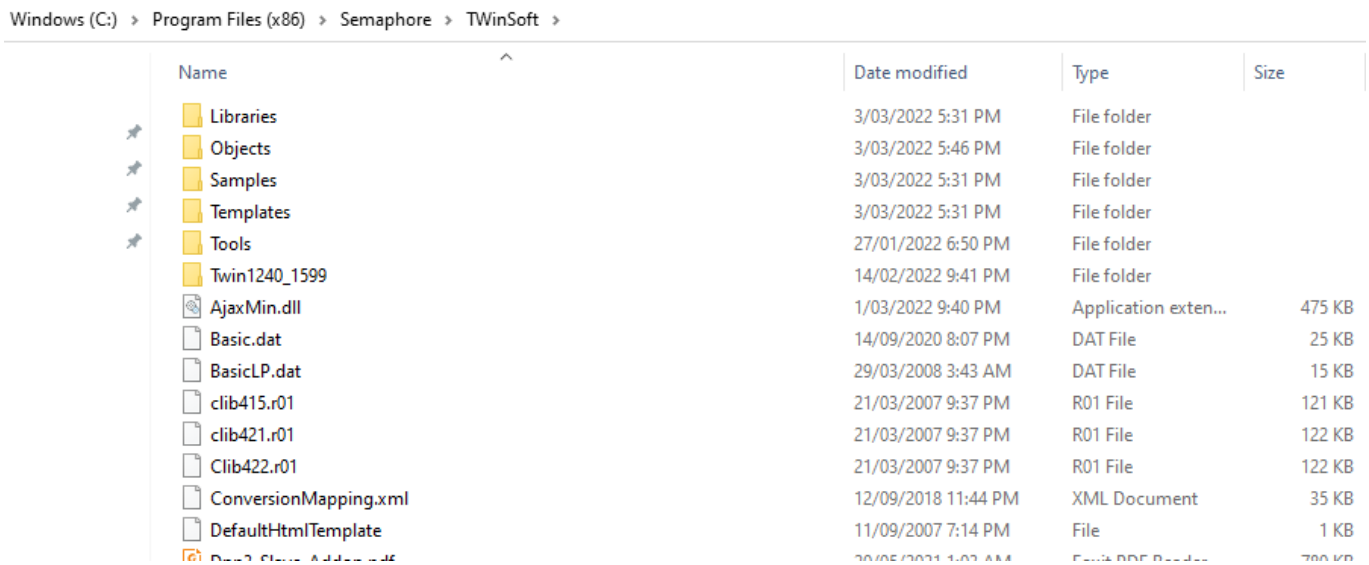
   You have then:
   Program Files (x86)
   └ Semaphore
   └ TWinSoft
   └ Twin1240_1599

2. Backup of the system files
   Create the subdirectory **Com1240_1599** to the directory 'Techno Trade'.
   Copy the files from 'Techno Trade' to **Com1240_1599**

   You have then:
   Program Files (x86)
   └ Common Files
   └ Techno Trade
   └ Com1240_1599

A real PC with the backup folders of the original TWinSoft version may look like below.





4. Install the New Version

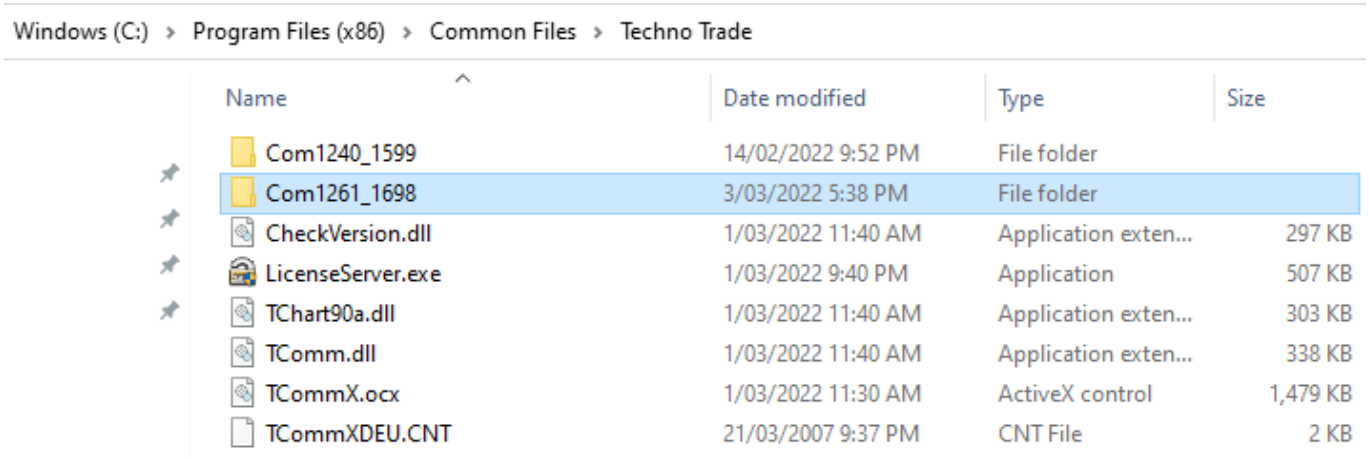
Now you can install the new version of TWinSoft **12.6.1 Build 1698** to the default directory as below, by following the installation wizard.

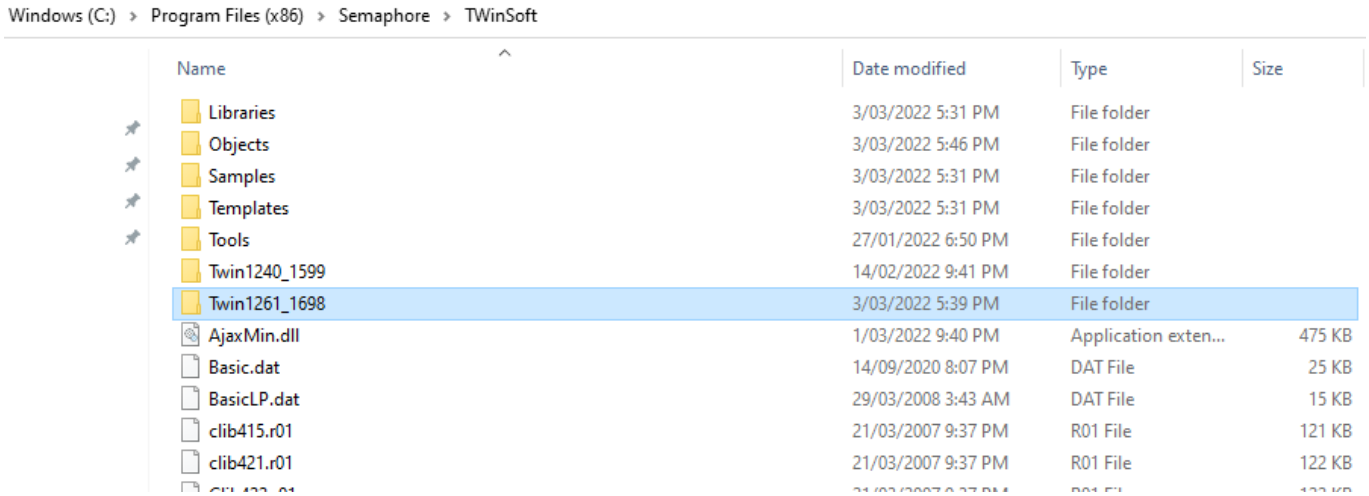
C:\Program Files (x86)\Semaphore\TWinSoft

From the Windows' point of view, there is only one TWinSoft installation; and the default directory is the only "known" directory by TWinSoft.

> **You will NOT be prompted to keep the existing version.**
> When you install a new version of TWinSoft, the existing version is automatically replaced, so you need to back up it manually (as described in previous chapter)

After installation of the new version of TWinSoft, the **new program files must have their backup** as well, as they will be replaced when the user switches to any other versions of TWinSoft. Follow the steps and examples in previous chapter and after the backup of newly installed TWinSoft version, a real PC may look like below.





5. Create Batch Files

The user will need to use Windows *batch files* (text files with the extension *.bat*) to select different versions of TWinSoft on one PC, assisted by the backup folders described above. Each installed version needs one specific batch file.

Firstly, create one batch file for the original TWinSoft **12.4.0 Build 1599**. The user can open *Notepad* editor, copy/paste following commands to it, and save the file with the extension .bat.

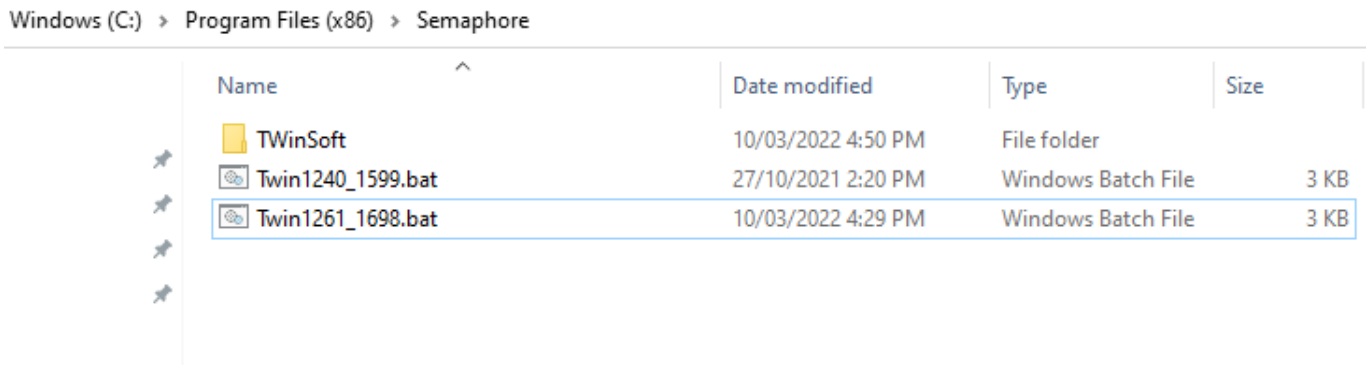
TWinSoft 12.4.0 Build 1599 batch file **TWin1240_1599.bat**

```
copy "c:\program files (x86)\common files\techno trade\Com1240_1599\*.*" "c:\program files (x86)\common files\techno trade"
del "c:\program files (x86)\Semaphore\TWinSoft\*.xbr"
del "c:\program files (x86)\Semaphore\TWinSoft\*.xbz"
del "c:\program files (x86)\Semaphore\TWinSoft\Objects\*.xbx"
copy "c:\program files (x86)\Semaphore\TWinSoft\TWin1240_1599\*.*" "c:\program files (x86)\Semaphore\TWinSoft"
copy "c:\program files (x86)\Semaphore\TWinSoft\TWin1240_1599\Libraries\x64\*.*" "c:\program files (x86)\Semaphore\TWinSoft\Libraries\x64"
copy "c:\program files (x86)\Semaphore\TWinSoft\TWin1240_1599\Libraries\x86\*.*" "c:\program files (x86)\Semaphore\TWinSoft\Libraries\x86"
copy "c:\program files (x86)\Semaphore\TWinSoft\TWin1240_1599\Objects\*.*" "c:\program files (x86)\Semaphore\TWinSoft\Objects"
"c:\program files (x86)\Semaphore\TWinSoft\Twinsoft.exe"
```

Then, create one batch file for the newly installed TWinSoft **12.6.1 Build 1698**.
TWinSoft 12.6.1 Build1698 batch file **TWin1261_1698.bat**

```
copy "c:\program files (x86)\common files\techno trade\Com1261_1698\*.*" "c:\program files (x86)\common files\techno trade"
del "c:\program files (x86)\Semaphore\TWinSoft\*.xbr"
del "c:\program files (x86)\Semaphore\TWinSoft\*.xbz"
del "c:\program files (x86)\Semaphore\TWinSoft\Objects\*.xbx"
copy "c:\program files (x86)\Semaphore\TWinSoft\Twin1261_1698\*.*" "c:\program files (x86)\Semaphore\TWinSoft"
copy "c:\program files (x86)\Semaphore\TWinSoft\Twin1261_1698\Libraries\x64\*.*" "c:\program files (x86)\Semaphore\TWinSoft\Libraries\x64"
copy "c:\program files (x86)\Semaphore\TWinSoft\Twin1261_1698\Libraries\x86\*.*" "c:\program files (x86)\Semaphore\TWinSoft\Libraries\x86"
copy "c:\program files (x86)\Semaphore\TWinSoft\Twin1261_1698\Objects\*.*" "c:\program files (x86)\Semaphore\TWinSoft\Objects"
"c:\program files (x86)\Semaphore\TWinSoft\Twinsoft.exe"
```

At last, the user can put the batch files besides the default TWinSoft installation directory so that they can be easily located, like below.

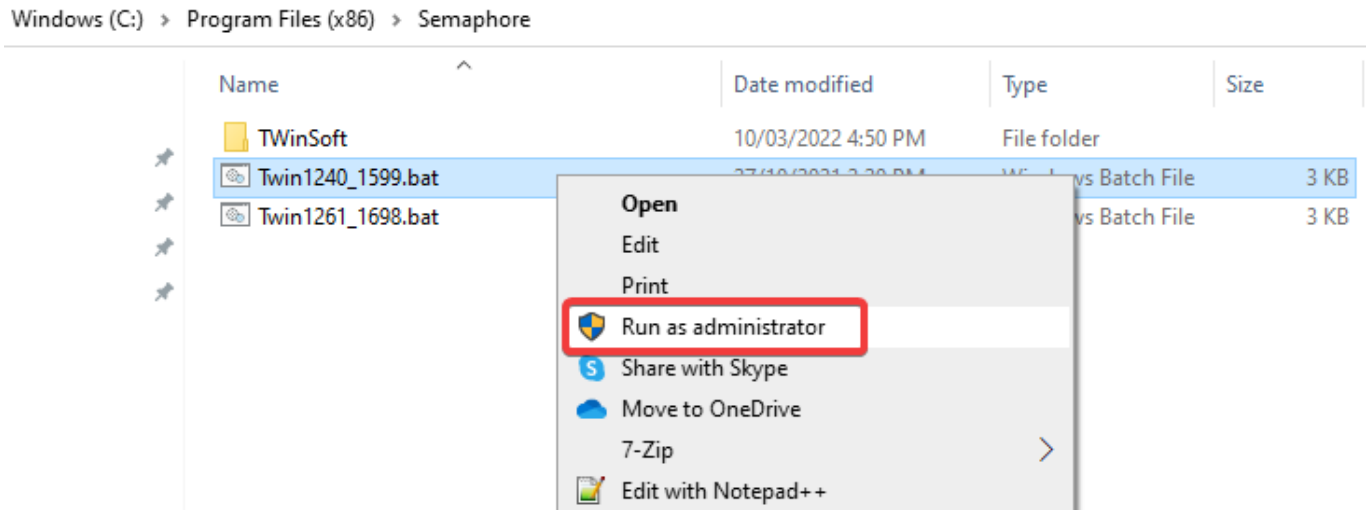


As demonstrated above, the purpose of batch file is, copying all the required program files to the correct place from the backup folder, then starting that version of TWinSoft.

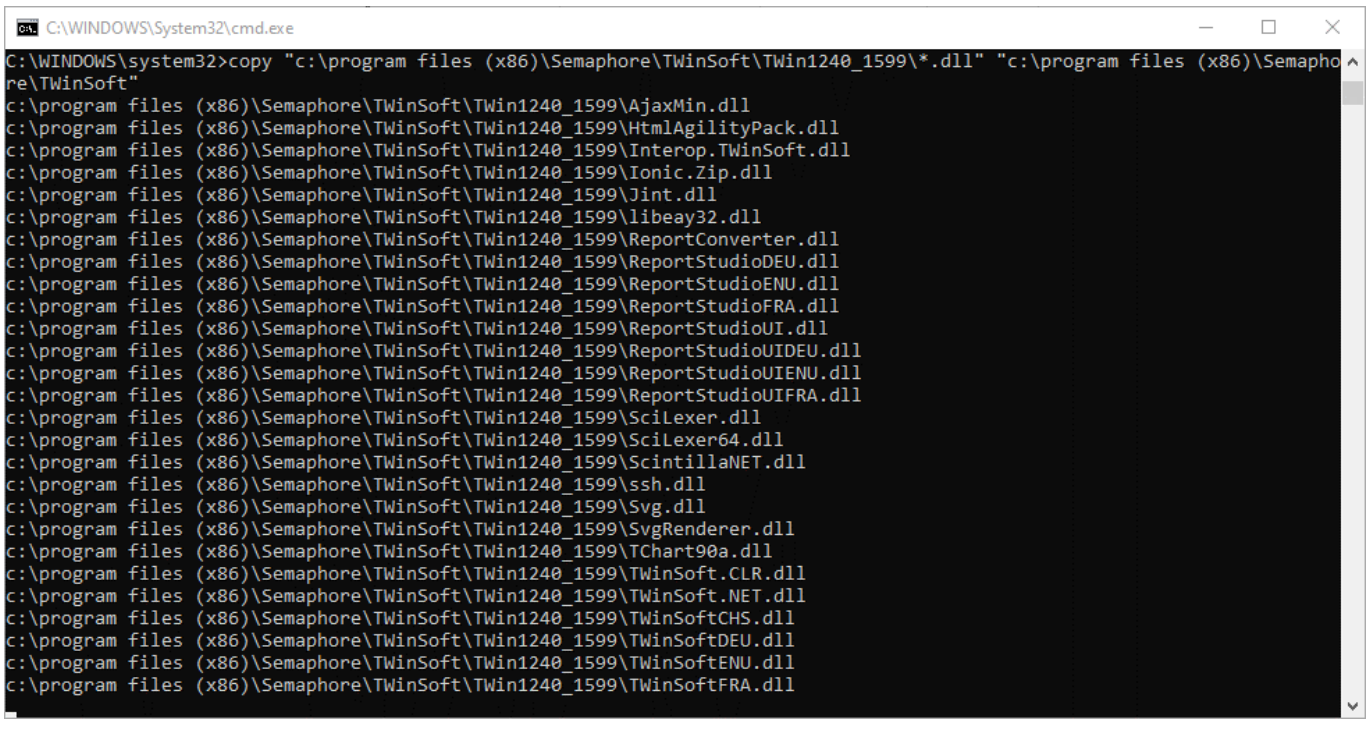
6. Switch Between Different Versions

After TWinSoft **12.6.1 Build 1698** is installed, this is the only version which can be identified by Windows system. If the user runs TWinSoft from the system Start menu, **12.6.1 Build 1698** will be version started up.

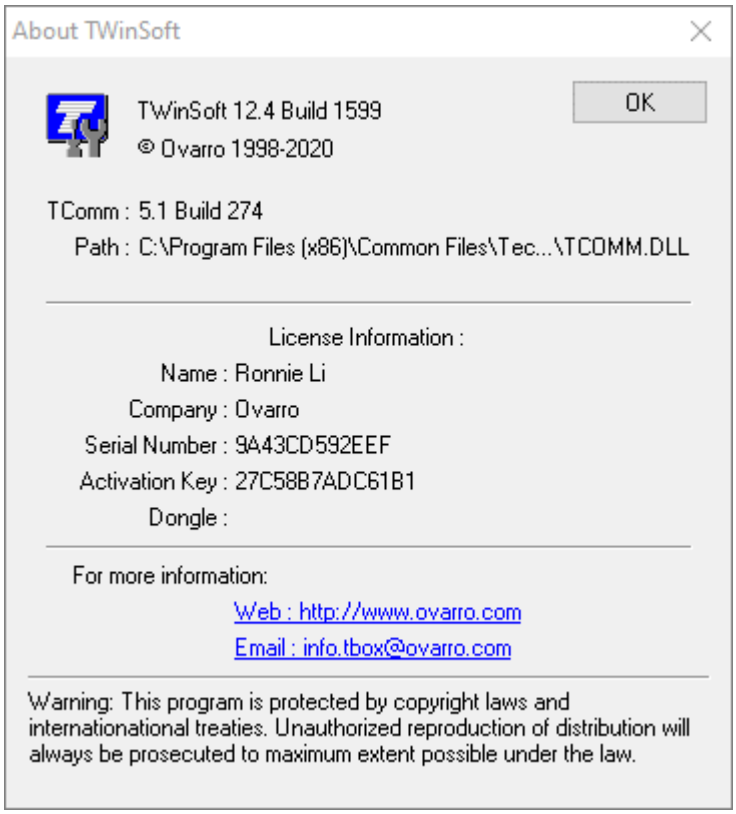
If the user wants to use **12.4.0 Build 1599** for any reason, the corresponding .bat file **Twin1240_1599.bat** needs to be executed with Administrator privilege.



The batch file will move the required program files of this old version to the desired directory and run the application.



After the TWinSoft is started up, better to double check if it is the correct version as desired.



If it is required to switch back to TWinSoft **12.6.1 Build 1698**, the similar process can be executed on the corresponding batch file **Twin1261_1698.bat**.

If you want to switch between more than 2 versions of TWinSoft, you only need to repeat the procedure described above and get more versions installed on one PC.

We start with deleting the WebForm 2.0 objects as there might have differences in feature between versions; to make sure to keep the right compatibility with TWinSoft version.

You must be Administrator!
To launch the batch file, right-click the file and select "*Run as Administrator*"

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