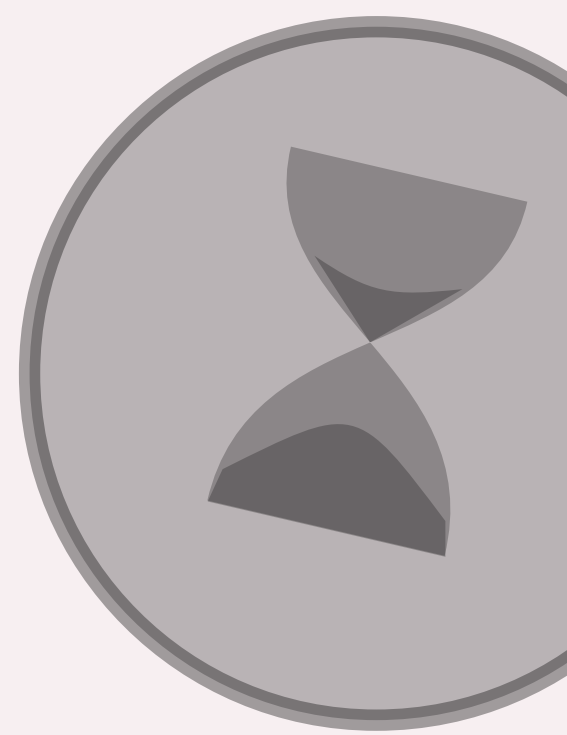# HOW TO CLEAN UP USELESS FILES IN A SECOND

TIME FOR CLEAN UP

Many files are of little use once a simulation is done

After a few simulations we may end up with hundreds or **thousands of files** (lots of Gigabytes!)

For sure, we can select these files (grouping them by type) and delete them manually…
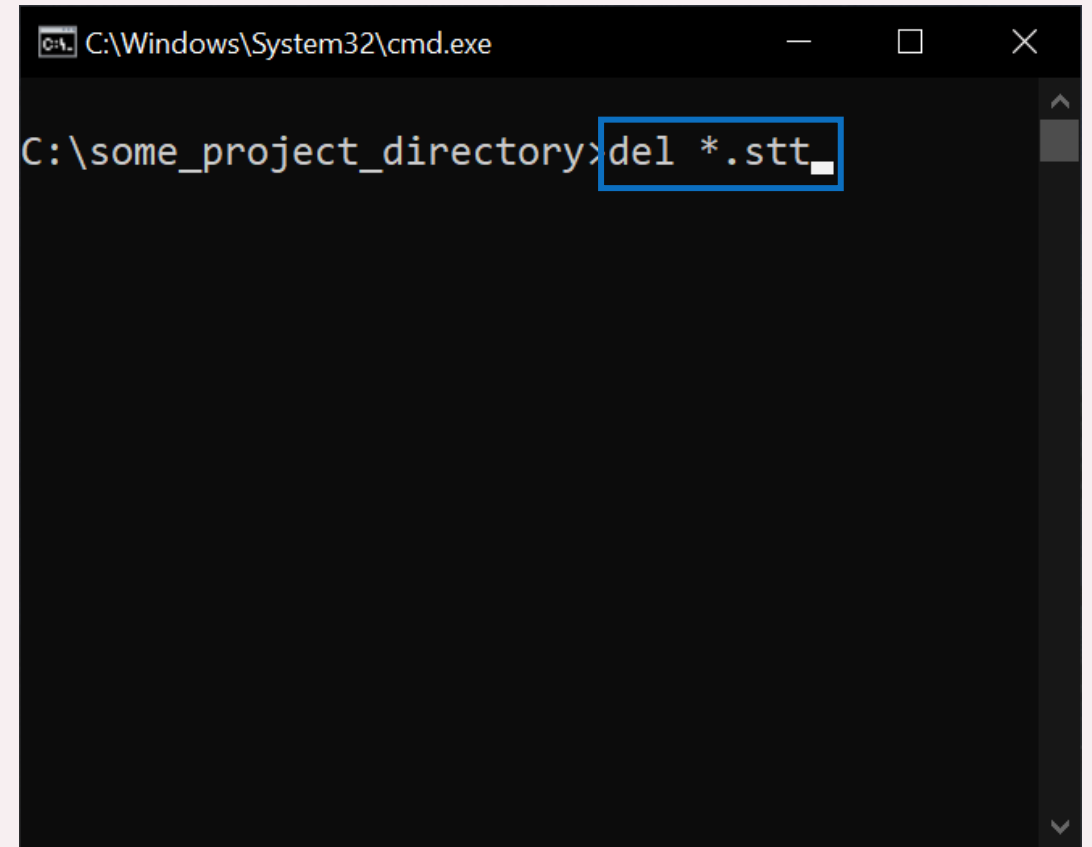
But that is so time consuming!!!

1 - Deleting files using 'del'

In the cmd, we can delete all the files of a given type (extension) with:

`>> del *.stt`

This command will delete all the files with extension 'stt'

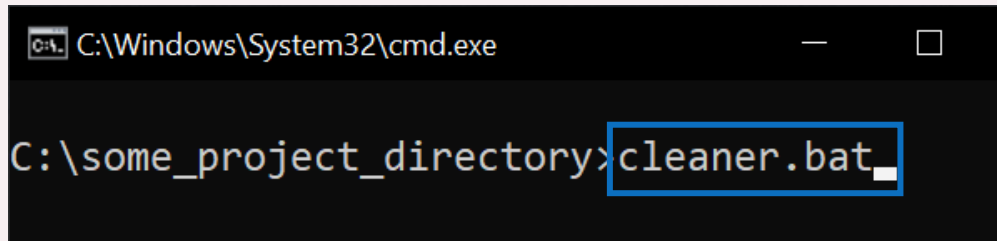We can repeat this for all the file types that we want to get rid off, but it is also time consuming…
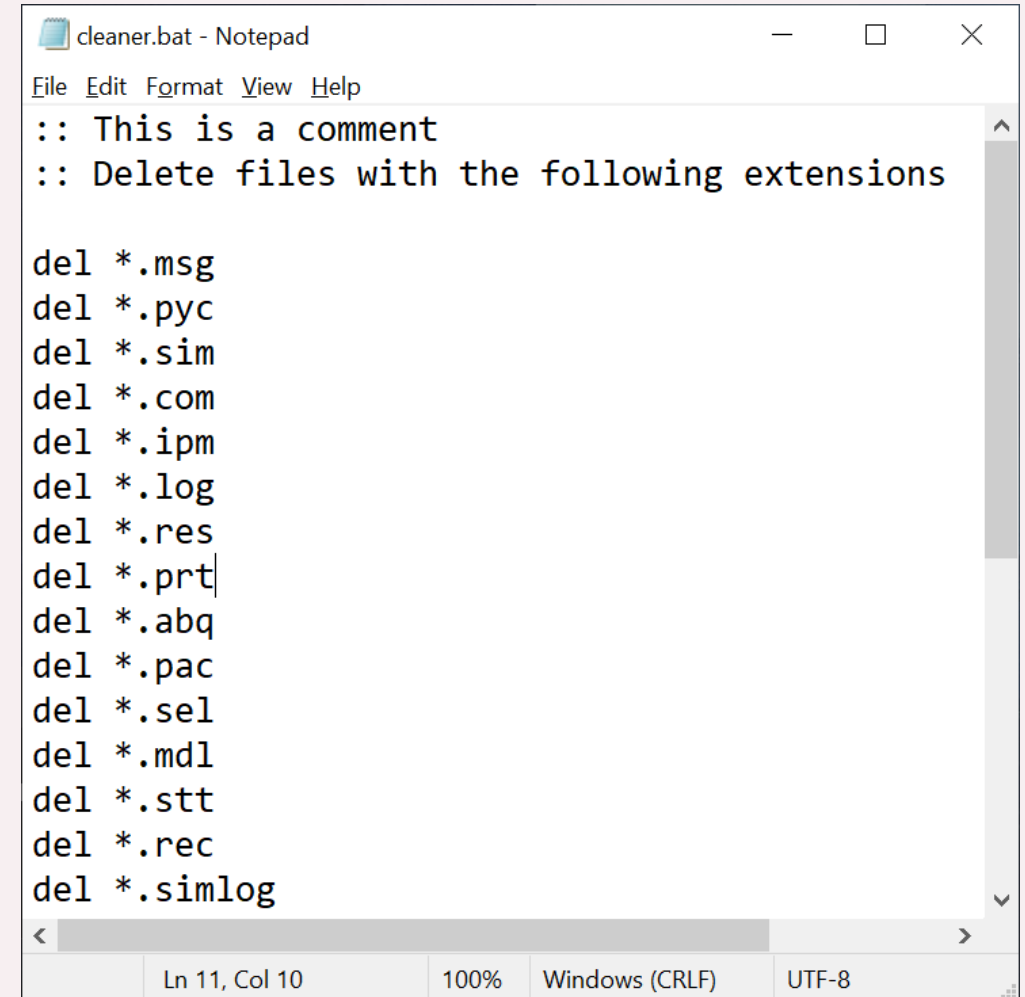
We can put all the 'del' commands in a batch file (e.g. **cleaner.bat**),

keep it in the current directory and run the batch file

```
C:\Windows\System32\cmd.exe                    —    □

C:\some_project_directory>cleaner.bat_
```

Great!
But we need this file in every folder that we want to clean...

```
cleaner.bat - Notepad                          —    □    ×

File  Edit  Format  View  Help
:: This is a comment
:: Delete files with the following extensions

del *.msg
del *.pyc
del *.sim
del *.com
del *.ipm
del *.log
del *.res
del *.prt|
del *.abq
del *.pac
del *.sel
del *.mdl
del *.stt
del *.rec
del *.simlog

                  Ln 11, Col 10    100%    Windows (CRLF)    UTF-8
```
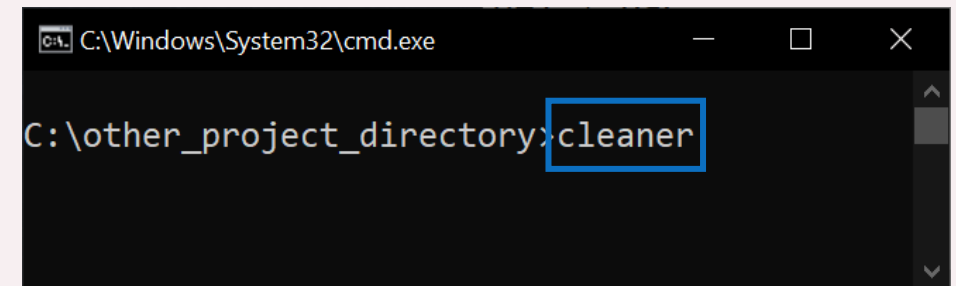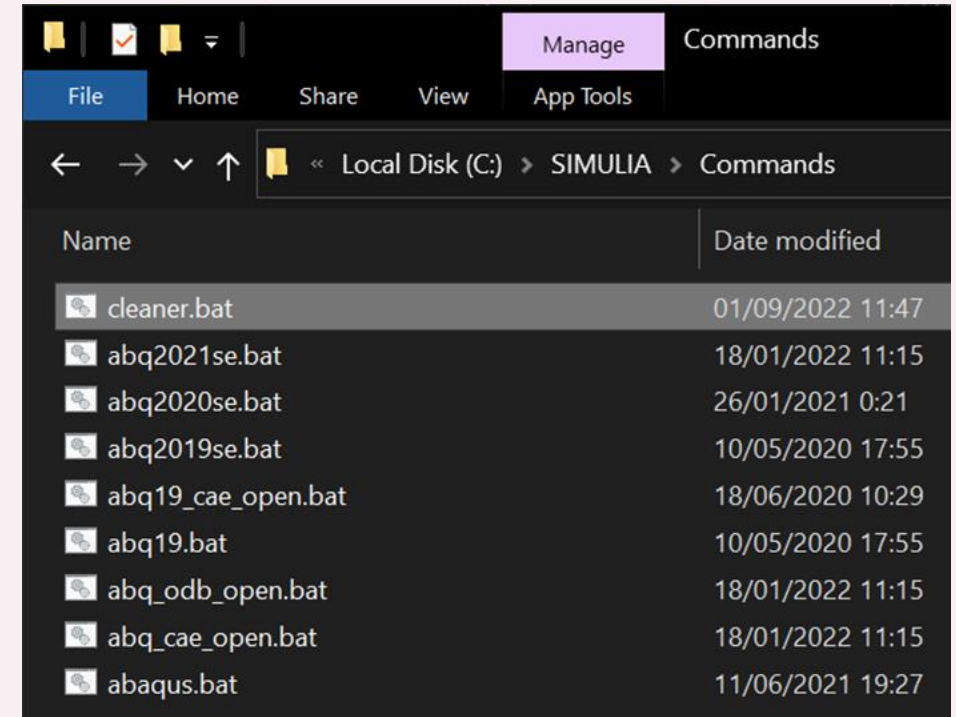
3 – Adding cleaner to the PATH

We can run the *cleaner* file from anywhere if we **place it in the PATH.** In my case, I have put it in:
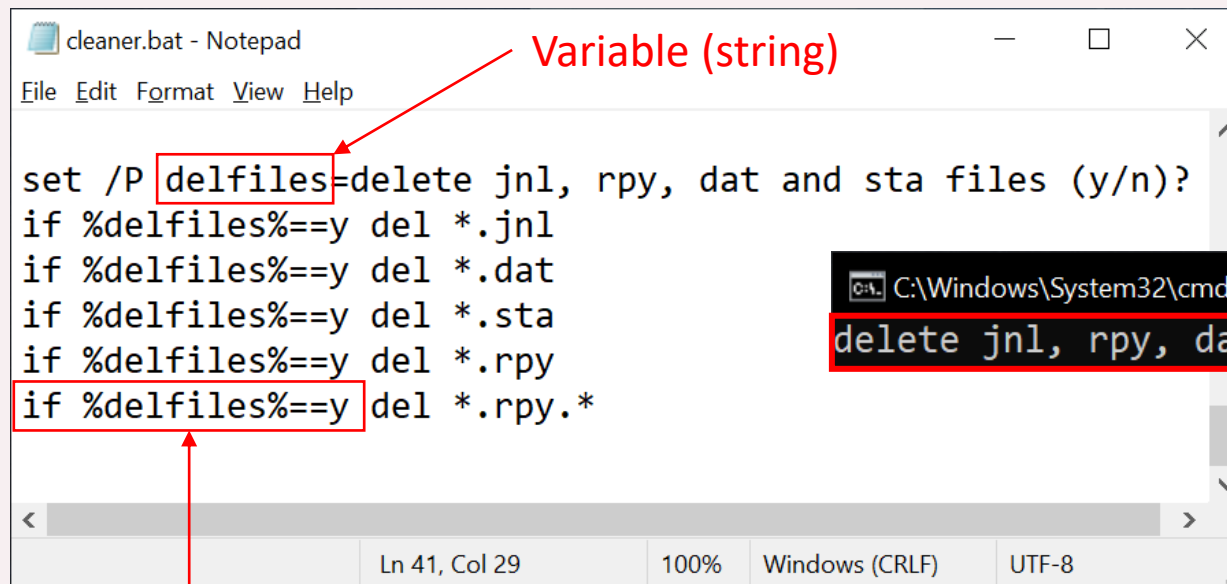
"*C:\SIMULIA\Commands*"

Now we can type '**cleaner**' in any directory, and it will be executed!

Awesome! But that's not all…
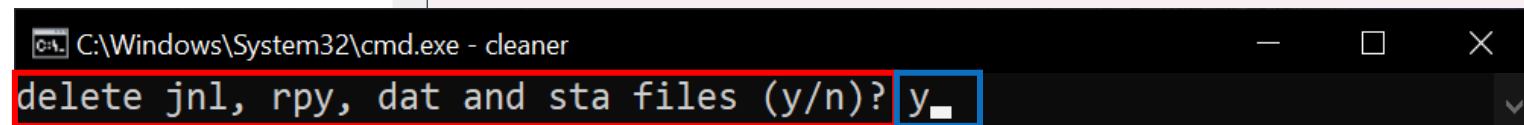
4 – Optional deletion of files

DOS is the **scripting language** used by bat (batch) files.
For instance, if the deletion of some files is optional, we could ask the user for it

Variable (string)

```
cleaner.bat - Notepad
File  Edit  Format  View  Help

set /P delfiles=delete jnl, rpy, dat and sta files (y/n)?
if %delfiles%==y del *.jnl
if %delfiles%==y del *.dat
if %delfiles%==y del *.sta
if %delfiles%==y del *.rpy
if %delfiles%==y del *.rpy.*
```

Ln 41, Col 29   100%   Windows (CRLF)   UTF-8

C:\Windows\System32\cmd.exe - cleaner

```
delete jnl, rpy, dat and sta files (y/n)? y_
```
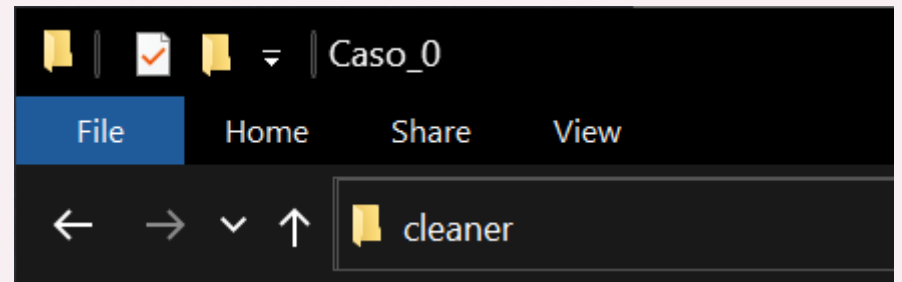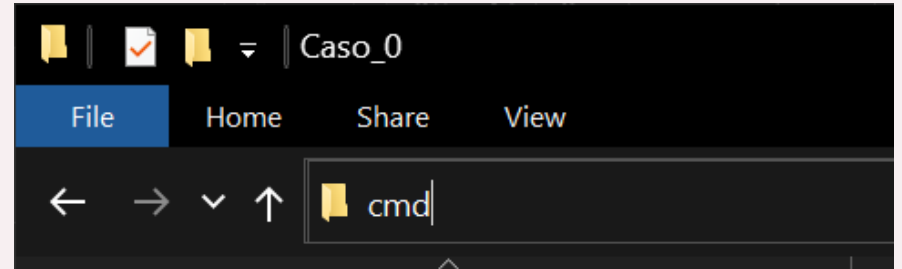
If statement

Answer from the user (y)

If the answer is 'y', delete these file types

QUICK TIPS

To open the cmd in a directory you can just **type "cmd" on the bar** of the file browser and hit enter

You can even **run cmd commands** directly on this bar (e.g. cleaner)

HOW TO CLEAN UP USELESS FILES IN A SECOND