Creating screw threads in Autodesk Inventor 2022

Thursday, October 7, 2021   09:46

To create threads:
We need to download and install the autodesk app called threadModeler by a publisher called coolOrange.
BUT this app only supports up to Inventor version 2020
So to workaround, search for "Alicia Clark" in this page
https://apps.autodesk.com/INVNTOR/en/Detail/Index?id=2540506896683021779 &appLang=en&os=Win64&autostart=true and follow her instructions.
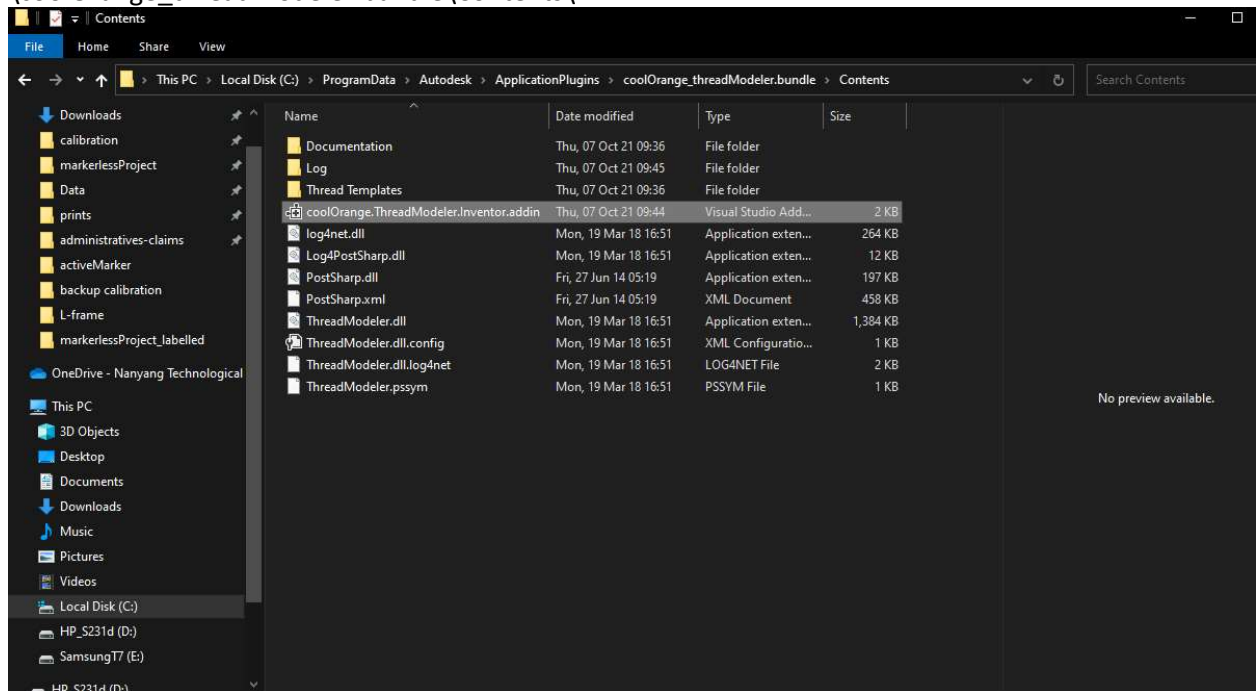
★★★★★ 2021

Alicia Clark | June 21, 2020 Verified Download (What's this?)

As others have said, to get it to work with 2021 simply navigate to this file: open
c:\ProgramData\Autodesk\ApplicationPlugins\coolOrange_threadModeler.bundle\Contents\coolOrange.ThreadModeler.Inventor.addin
and edit <SupportedSoftwareVersionLessThan> (you can use notepad) and change the
line <SupportedSoftwareVersionGreaterThan>21..</SupportedSoftwareVersionGreaterThan>
 <SupportedSoftwareVersionLessThan>26..</SupportedSoftwareVersionLessThan>
Restart the program and itll load in!

Basically…

1. Go to this link in the Explorer "C:\ProgramData\Autodesk\ApplicationPlugins \coolOrange_threadModeler.bundle\Contents\"
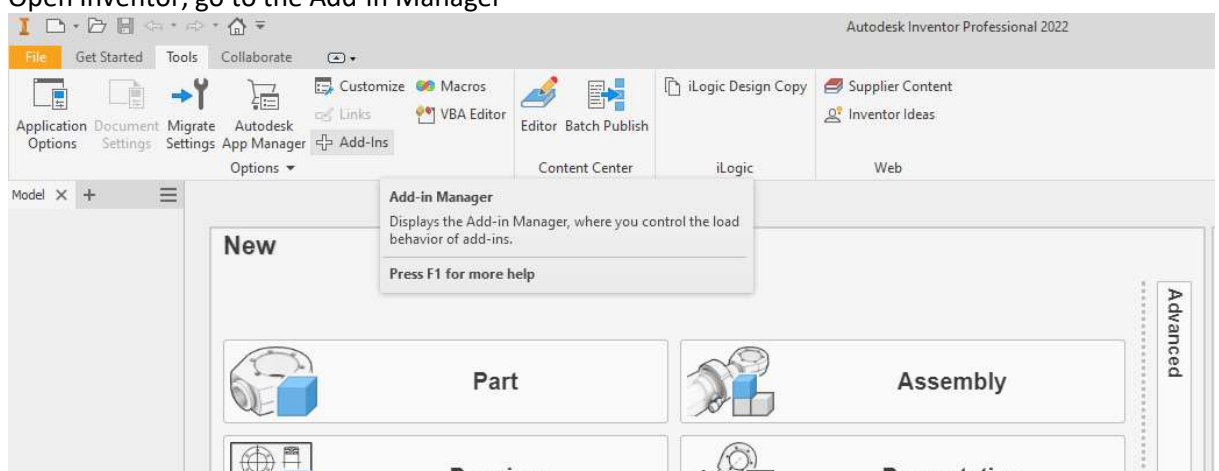

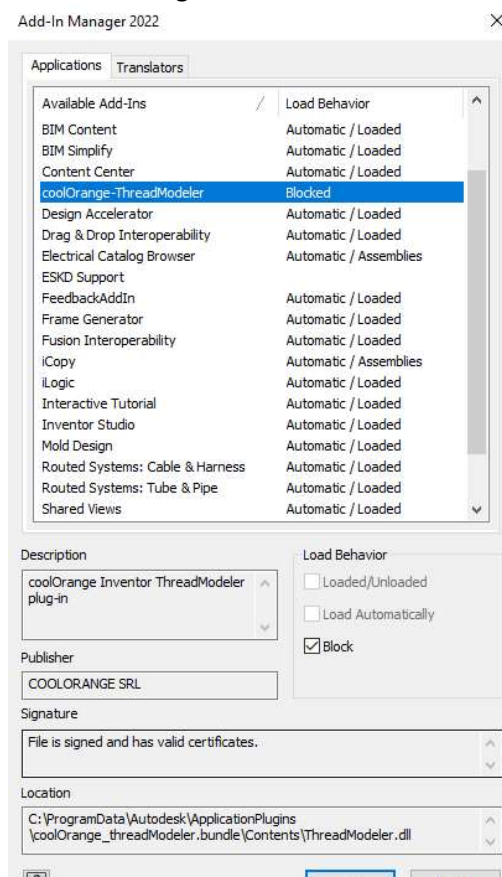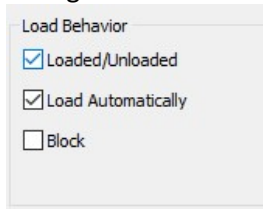2. Open this file "coolOrange.ThreadModeler.Inventor.addin" and change the ..LessThan.. value to 27.

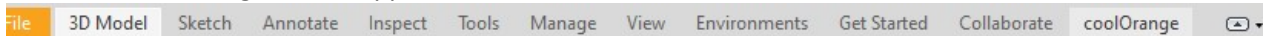3. Open Inventor, go to the Add-in Manager

4. Find coolOrange-ThreadModeler

5. Change load behavior to this

Load Behavior
☑ Loaded/Unloaded
☑ Load Automatically
☐ Block

6. Should see this in the list

Available Add-Ins	/	Load Behavior
coolOrange-ThreadModeler		Automatic / Loaded

7. After that coolOrange should appear in the ribbon

File | 3D Model | Sketch | Annotate | Inspect | Tools | Manage | View | Environments | Get Started | Collaborate | coolOrange

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This youtube video shows a longer version of the workaround and includes how to use it too.
Thread Modeling Inventor 2022 ⟶ https://www.youtube.com/watch?v=br8fUCDt8Vw&t=152s&ab_channel=3DChampionSTEMTeacher