

# Adding a 3D Printer Definition to Inventor.

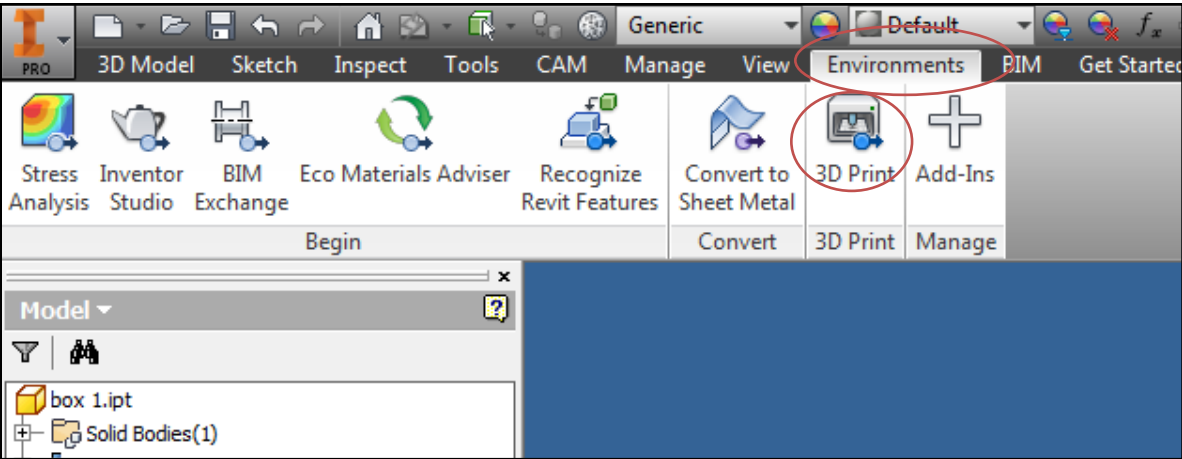
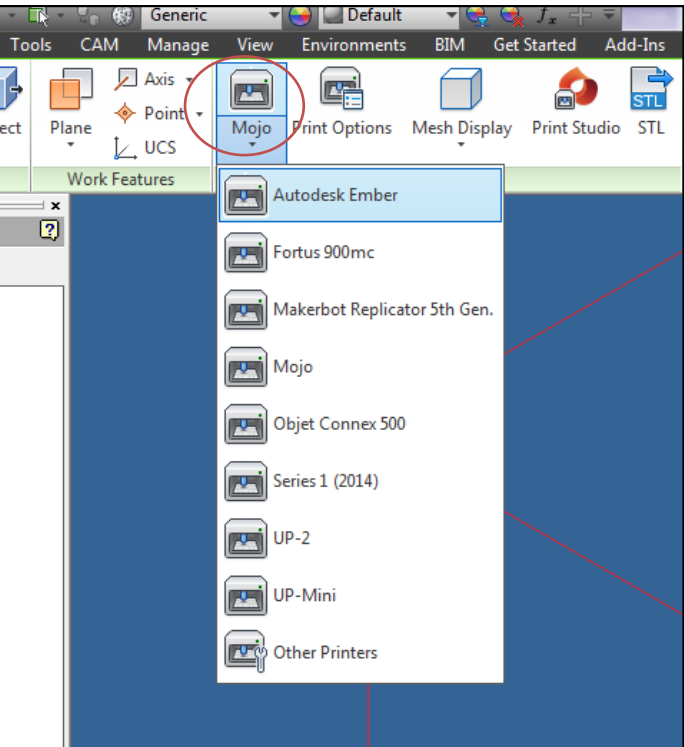


FIG 1.0

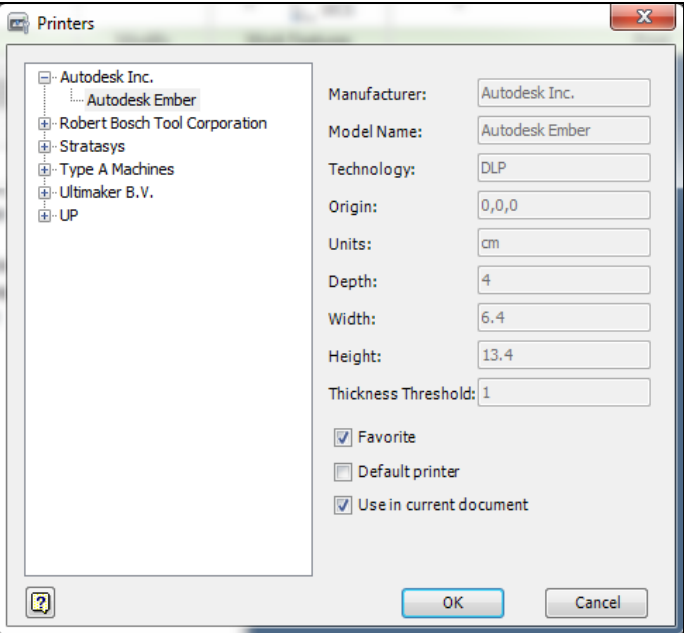
On the “Environments Tab” Select “3D Print” as shown in Fig 1.0



By clicking on “3D Printer” Icon, a list of available 3D printers is displayed. More Printers can be displayed by selecting “Other Printers” at the bottom of the pull down.

See Fig 2.0

FIG 2.0



The “Other Printer” dialog box shows the list of available 3D Printers and the configuration. If your Printer is not on the list, follow the instructions on page 2 to create a new entry.

See Fig 3.0

FIG 3.0

### Step # 1.

Locate the 3D Printer configuration file.

Depending on your installation the file location is:

"AppData\Roaming\Autodesk\Inventor 2016\3DPrinterDescriptions.xml"

### Instructions for adding a printer to 3DPrinterDescriptions.xml:

1. copy one of the existing printer definitions, for example:

```
<Printer internalName="99CEC70A-F5A0-443F-9D9F-FC4F80B3FAEA" modelName="Dimension BST 1200es"
manufacturer="Stratasys" technology="Extrusion" origin="BottomCenter" units="mm" depth="254.0" width="254.0"
height="304.80" thicknessThreshold="1.0" defaultprinter="0" favorite="0" Spark="0" />
```

2. Paste it at the end of the file before the closing tag </Printers3D>

3. Use a Globally Unique Identifiers (GUIDs) tool to create a new GUID. ([www.guidgen.com](http://www.guidgen.com))

4. Replace the "internalName" value with a new unique GUID.

5. Replace the other values with your desired values.

6. Keep Spark="0"

7. Restart Inventor

The altered example is shown below.

```
<Printer internalName="6C3B407B-D35F-4297-BC93-A78AE94E8E03" modelName="UP-Mini" manufacturer="UP"
technology="Extrusion" origin="BottomCenter" units="mm" depth="120" width="120" height="120"
thicknessThreshold="1" defaultprinter="0" favorite="1" Spark="0" />
</Printers3D>
```

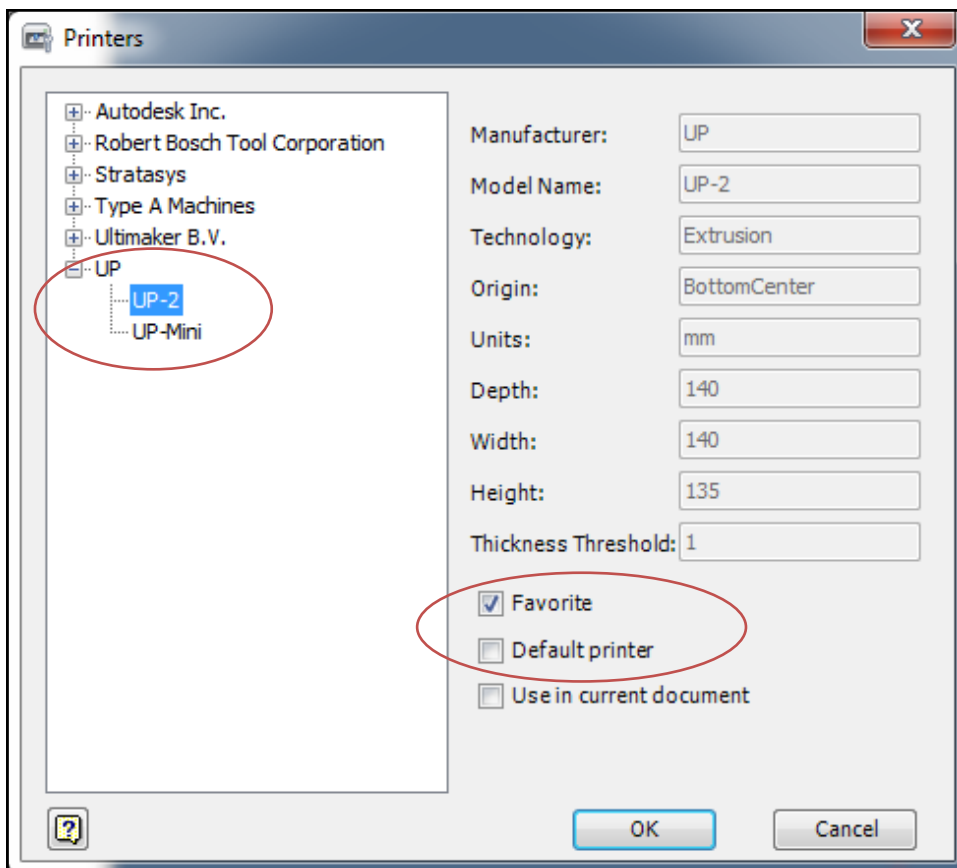


FIG 4.0

**Step # 2.** After Inventor has been restarted, list the "Other Printers" and the added 3D Printers should be on the list.

Set the new printer as Default and or Favourite if you wish.

See Fig 4.0