



Stories4ALL

3D Printing process

- CAD & Slicing Processes for beginners -



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CONTENTS

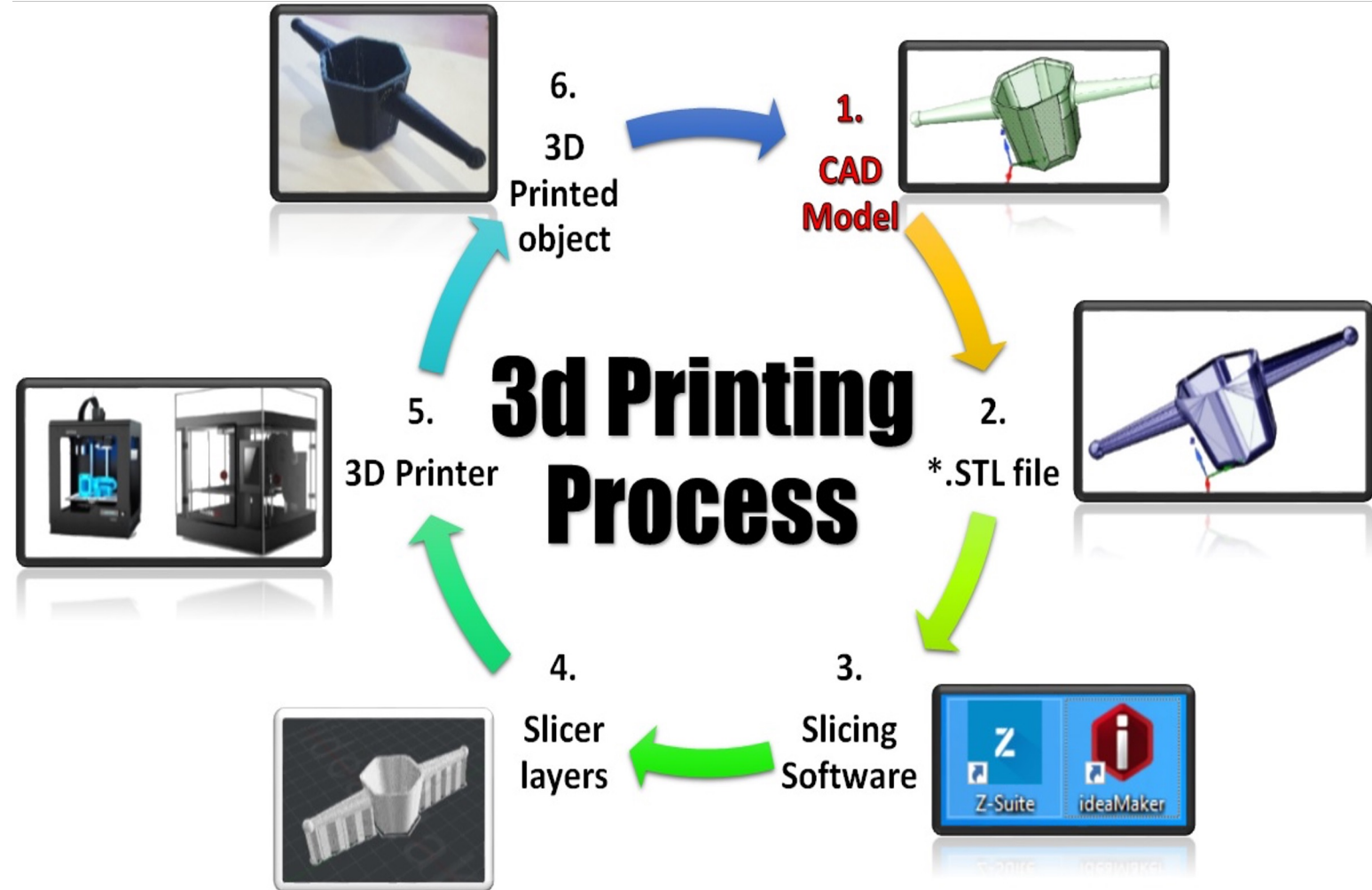


PROCESS DIAGRAM

From nothing to something

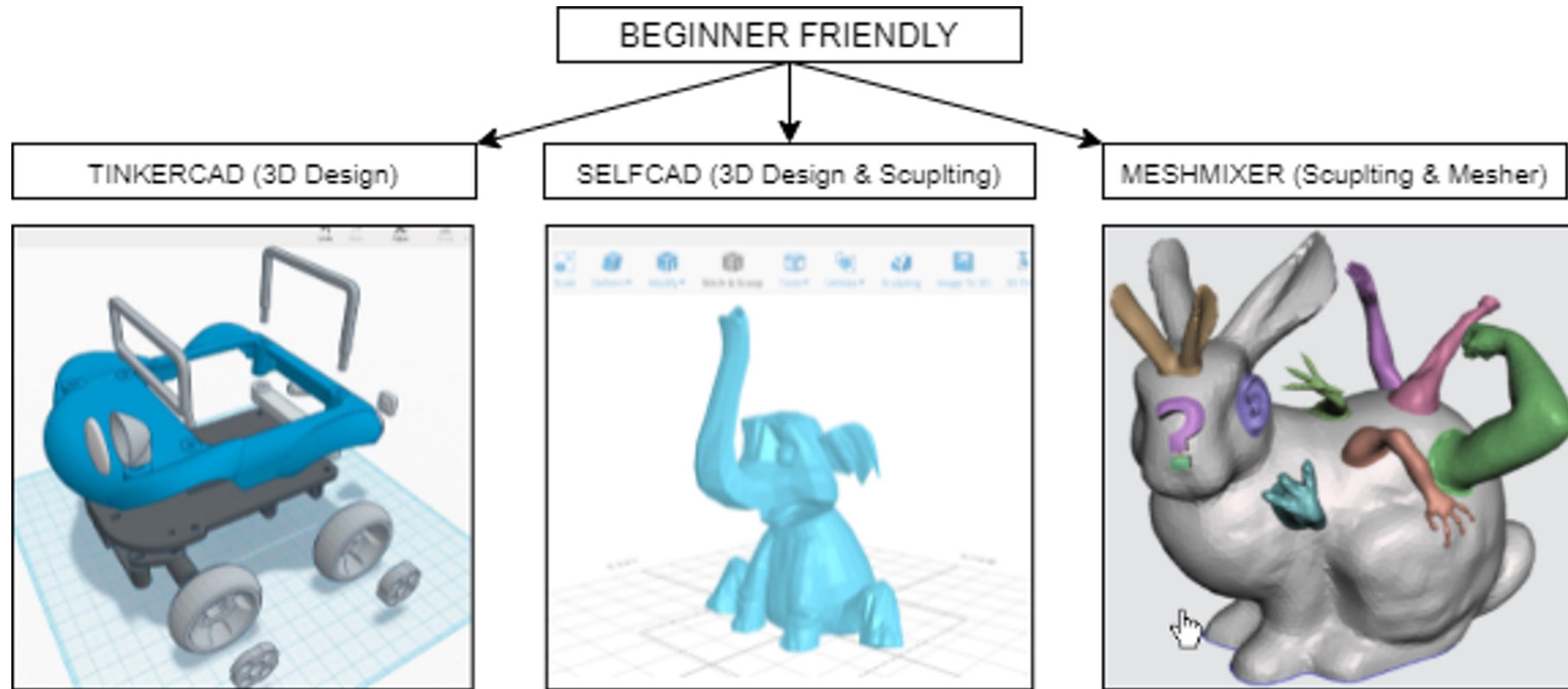


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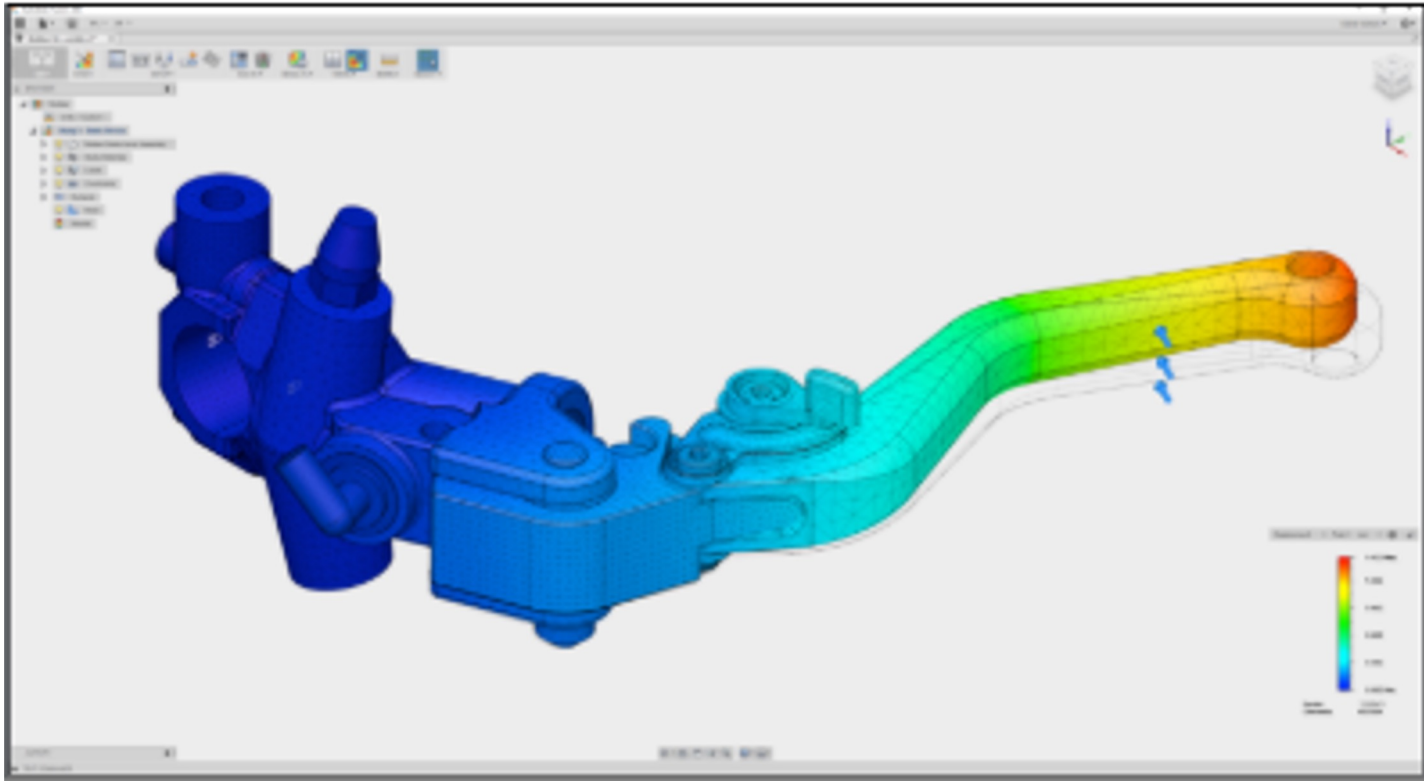
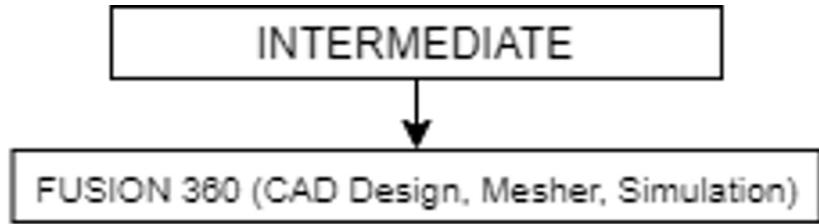


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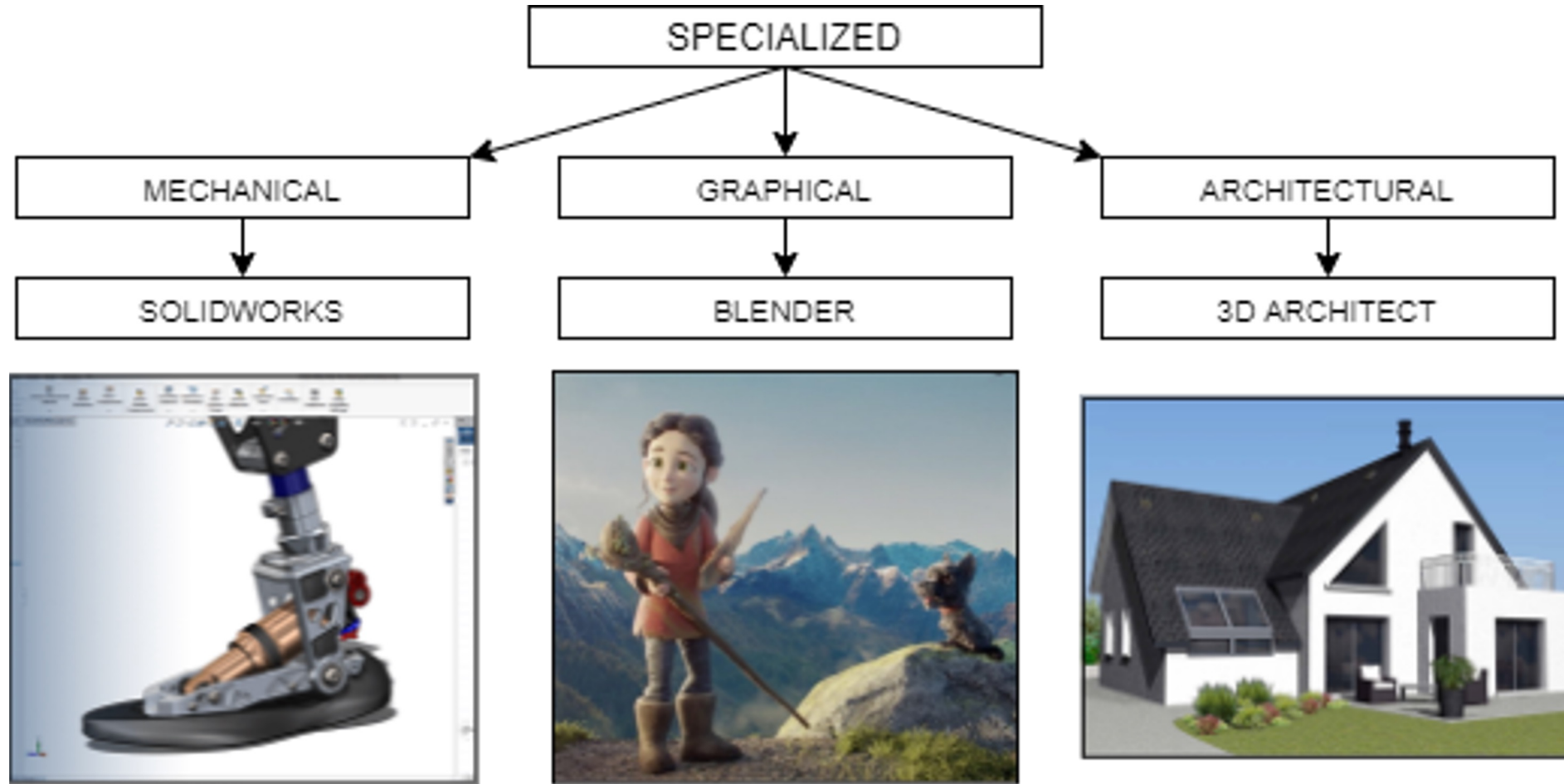
CAD PROGRAMS



CAD PROGRAMS



CAD PROGRAMS



3D MODELS/ STL FILES

Find, Buy or Create

OPTION

01

CREATE 3D MODELS

By using 3D & CAD Modelers:
(e.g. Tinkercad, Solidworks, blender)



OPTION

02

FIND 3D MODELS

By browsing the Internet:
Mechanical: GrabCAD
3D Printing: Thingiverse, Cults



OPTION

03

BUY 3D MODELS

By browsing the Internet:
3D Printing: Cults, MyMiniFactory
Freelance: Fiverr



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SLICING TO PRINTING



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01

IMPORT 3D OBJECT

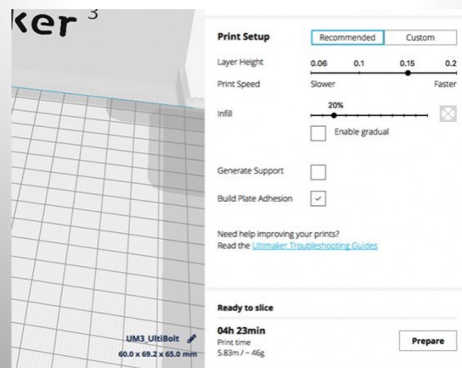
Import the STL File to a Slicing Program, such as CURA, PRUSASlicer, etc



02

ADJUST PROPERTIES

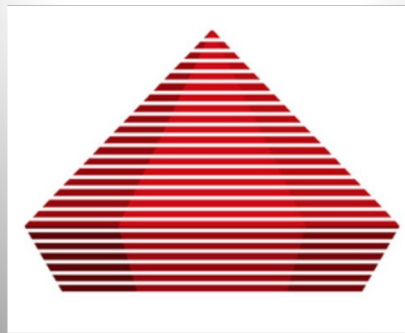
Modify the parameters of your print. (Printing speed, temperatures, layers, mesh, support and more)



03

SLICE

Slicing Process to produce the G-CODE File needed for the print



04

G-CODE EXPORT

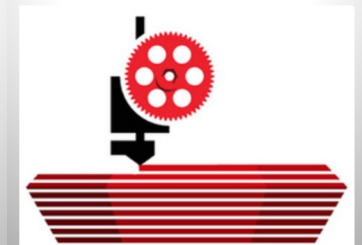
Export the G-CODE file and import it the 3D printed (through usb stick or other) to begin 3D printing

```
r count: 25  
R:0  
000 X52.235 Y55.800 Z0.  
:SKIRT  
340 X56.093 Y55.800 E0.  
6.346 Y55.605 E0.20373  
7.299 Y55.078 E0.25684  
8.540 Y54.758 E0.31934  
9.404 Y54.719 E0.36152  
0.320 Y53.688 E0.42878
```

05

3D PRINTING

Wait for the 3D Printer to print the model.



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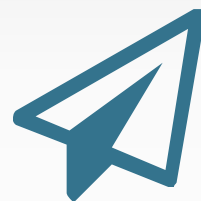
FINISHING & POLISHING



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Thank you!

