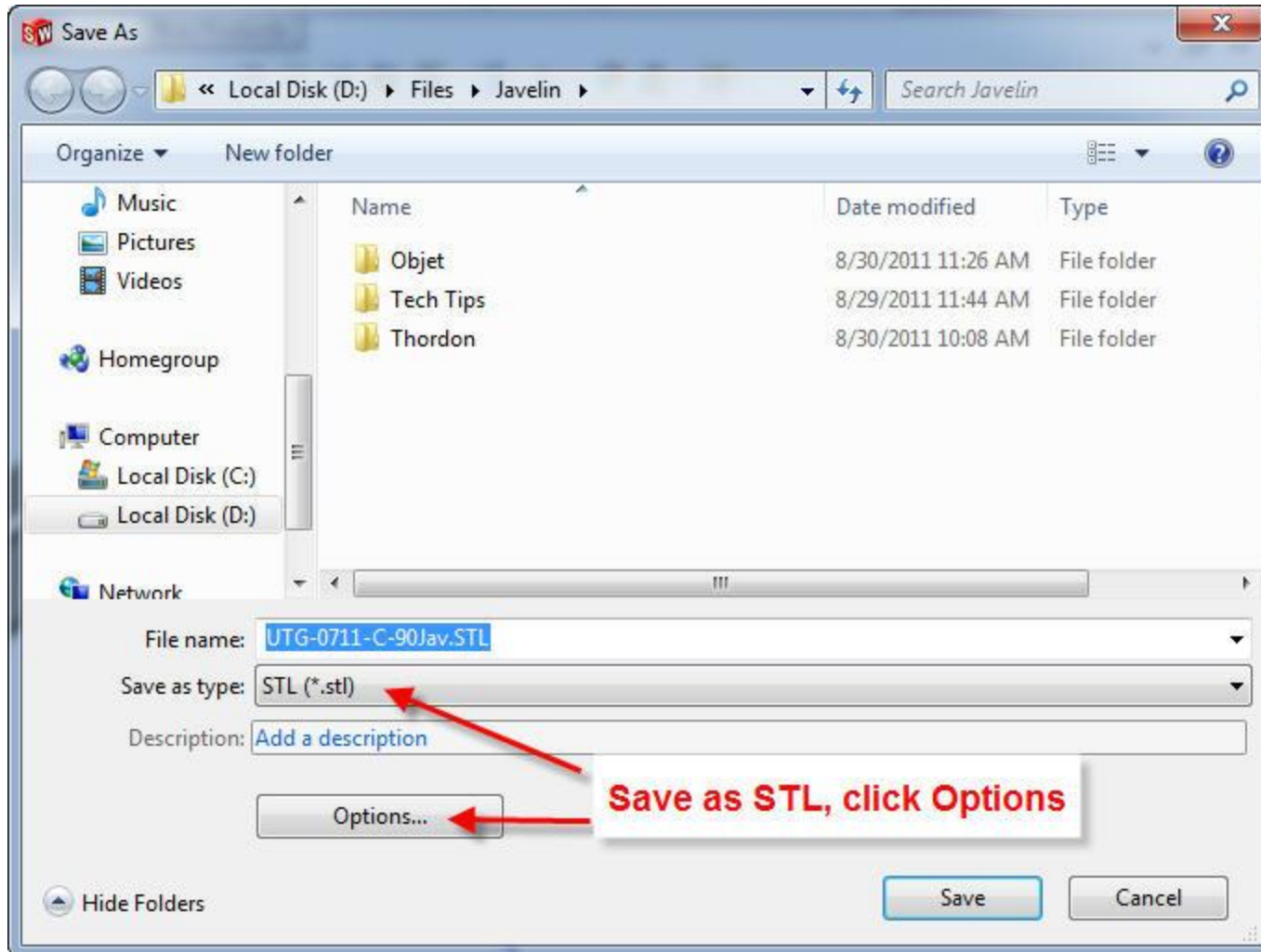How to save a model file (part or assembly) so it can be made on the 3D Printer

Export Options

File Format

IGES 5.3
STEP
ACIS
Parasolid
VRML
IFC
STL
VDA
TIF/PSD/JPG
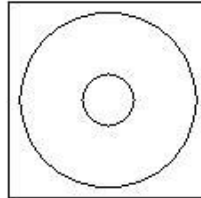EDRW/EPRT/EASM
PDF

Output as
( ) Binary   ( ) ASCII   Unit: Millimeters ▼

Set units

Resolution
( ) Coarse
( ) Fine
( ) Custom

Deviation
Tolerance: 0.1784917mm

Set Deviation as low as it will allow, usually 0.02mm. Allowed value changes with part complexity

Angle
Tolerance: 10.00000deg

☑ Show STL info before file saving
☐ Preview
    Triangles: File size:

Set Angle no larger than 5 deg. Smaller is better but file size increases dramatically as you go lower. 3 or 4 is a good trade-off

☐ Do not translate STL output data to positive space
☐ Save all components of an assembly in a single file
☐ Check for interferences

Disabled

Click OK when set, then save file

Output coordinate system: -- default -- ▼

Reset...

OK   Cancel   Help