
Subject: Downloaded models are non-manifold?
Posted by [Racer X](#) on Wed, 20 Jun 2012 10:31:24 GMT
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Is it normal for our downloaded models to be non-manifold? This seems to defeat the purpose of being able to download.

I tried it in Sketchup, but not any other programs yet. Just wondering if I am missing a step or something.

Subject: Re: Downloaded models are non-manifold?
Posted by [stop4stuff](#) on Wed, 20 Jun 2012 10:59:30 GMT
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Usually the downloaded model is the same model uploaded, maybe with the file name changed to suit Shapeways indexing.

If a model is non-manifold on upload and Shapeways MeshMedic software can fix it then the model will pass and be printable.

Useful software and service to use;

NetFabb Studio Basic (free) - great for error checking, repairing and measuring models.

NetFabb Cloud Service (free - requires email address) - Error checking and repair as well as boolean merging shells/meshes, returns repaired/merged mesh file.
