
Subject: COLLADA and units vs same STL not accepted
Posted by [aefferen](#) on Tue, 11 May 2010 08:09:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

I am currently trying to get a model accepted in [mm] but I am stuck.

Piece of history:

1. model created with Sketchup (free version) 7.1
2. exported as COLLADA
3. meshLab to STL
4. AccuTrans checked for errors and fixed in Sketchup in different iterations.

Now the COLLADA is accepted bij Shapeways upload checker, however it pops up in my collection in [cm] iso [mm] and I can't find out where to set the unit of measure or how to change it to [mm]

Curious thing is that when I convert this accepted DAE to STL (non bin), where you can set the unit of measure during upload, it is not accepted with the message: "The fileformat of your object cannot be processed by our software. Please investigate the problem and try again."

This message is quite cryptic so I am lost!!

I browsed the forum for several hours but couldn't find a satisfying answer. I know I am not that good in browsing, so if one of you knows where to find the answer is ok for me as well.

I attached both the DAE and STL file.

Any help is welcome I am anxious to get my hands on this part.

Thanks in advance, aefferen

File Attachments

-
- 1) [Lego378-872_v71_05072010_2.dae](#), downloaded 95 times
 - 2) [Lego378-872_v71_05072010_2.stl](#), downloaded 92 times
-

Subject: Re: COLLADA and units vs same STL not accepted
Posted by [joris](#) on Tue, 11 May 2010 11:30:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

If I'm not mistaken the default unit for Collada is M. The default Sketch up unit however could be anything you set it to be. You can scale the model in Accutrans to get it the right size.

The "The fileformat of your object cannot" error is usually an indication that the entire file is not correct. But, I have not seen this post-meshlab before. Have you tried exporting a binary STL?

Have you seen the tutorial?

http://www.shapeways.com/tutorials/sketchup_3d_printing_export_to_stl_tutorial

Subject: Re: COLLADA and units vs same STL not accepted

Posted by [aefferen](#) on Tue, 11 May 2010 12:33:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Joris,

Thanks for the help. I read the tutorial earlier before I started this challenge.

I will try your other hint.
