

---

Subject: Sprues Spruesss

Posted by [luisrrey](#) on Sun, 13 Jan 2013 21:26:59 GMT

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

---

Would appreciate the help in understanding how to add sprues or spruess ( Not sure about the spelling) to an assembly stl file to turn it into a single unit so that 3D printing is possible. Thank you.

Louis

---

---

Subject: Re: Sprues Spruesss

Posted by [aeron203](#) on Sun, 13 Jan 2013 22:14:02 GMT

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

---

Making part trees, or sprues is a great solution. There are several ways to do this. I have posted video tutorials that give an overview of one method, along with an intro to some of the free tools often used in 3D printing. This is not everything, but it should get you up and running.

Model Grouping for 3D Printing Part 1 - Meshlab

Model Grouping for 3D Printing Part 2 - SketchUp

Model Grouping for 3D Printing Part 3 - Blender

If you'd like to learn more, there are other tutorials (mostly for SketchUp) available on my YouTube channel, 40wdmedia, and I teach classes about 3D printing through Skillshare. Those classes are usually in NY, and sometimes on the west coast (LA/SF), but an online version is in the works.

---

---

Subject: Re: Sprues Spruesss

Posted by [luisrrey](#) on Mon, 14 Jan 2013 03:38:19 GMT

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

---

Thank you Aaron for your reply> Very helpful.

I would like to send you a copy of my file. Please let me know what email address to use.

---

Thanks again,

Louis

---

---

Subject: Re: Sprues Spruesss  
Posted by [aeron203](#) on Tue, 15 Jan 2013 01:37:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Sure, I'll take a look at it. PM sent.

---

---

Subject: Re: Sprues Spruesss  
Posted by [KenAndrews](#) on Mon, 21 Jan 2013 13:30:17 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

How do you tell / how do you decide how big a sprue should be?

I have a bunch of small (30 mm x 25 mm x 7 mm) items. I put them together as one STL. Before exporting the STL I connected them with a sprue, but is there any way to determine \*before\* printing it, how thick the sprue should be? Currently I'm finding out by trial and error.

---

---

Subject: Re: Sprues Spruesss  
Posted by [BillBedford](#) on Mon, 21 Jan 2013 14:20:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I find 1mm works well pieces like these

---