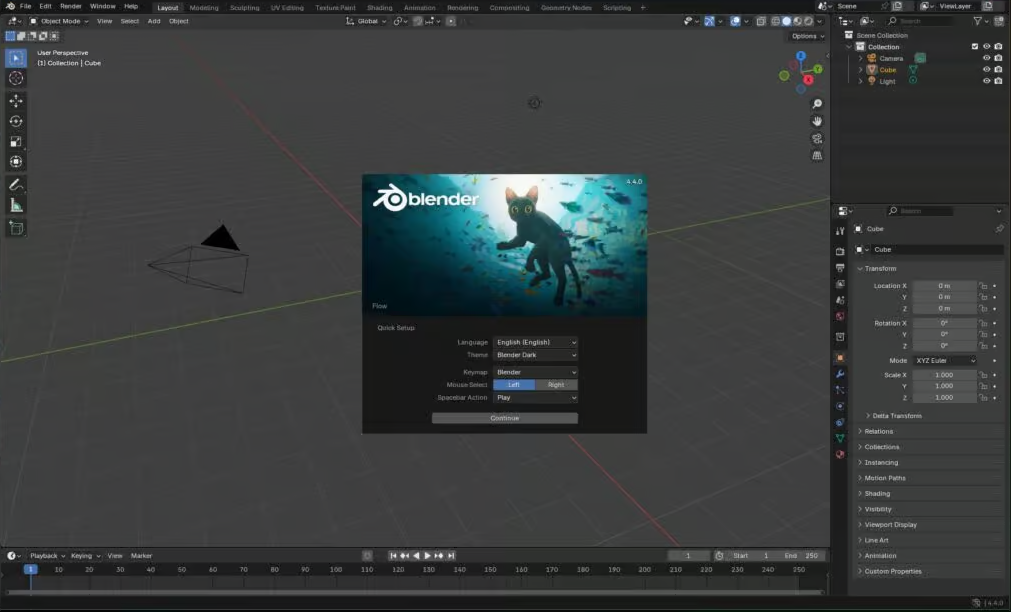
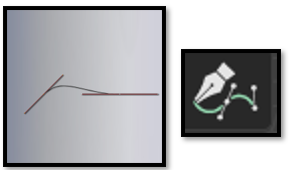
9 The Curve Pen Tool Part 1

Note, I have just updated my Blender up to the 4.4 version, before starting this project. This is the latest update, for this application at this time.

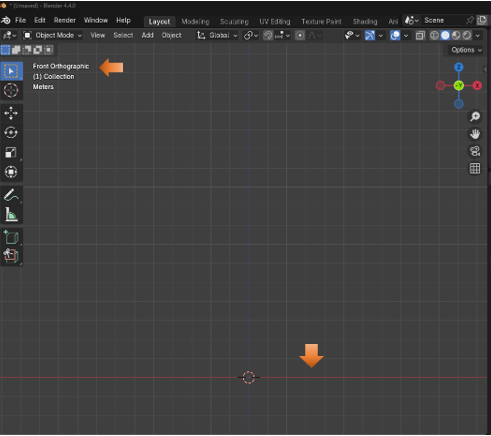


# Setting Up for the Project

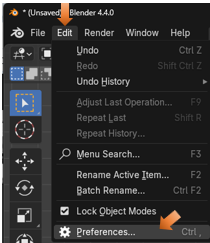
You will only find this Curve Pen Tool, if you have added a Curve, in Object mode, before entering Edit mode. If you have something like the cube, and brought that into edit mode, you will not even see this tool in the tool box.



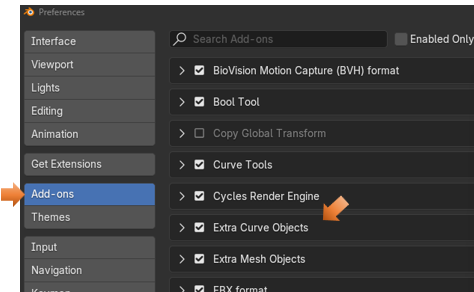
We are going to start off in Orthographic Front View. In Object Mode. You may want to move the red line of the floor for the curve down a bit, so we can have a starting point for the project. In this project we will be making a coffee cup.



Make sure you have the Add Curve Extra Objects enabled in the Preference Menu. You can find Preference in the Edit Top Menu Button.



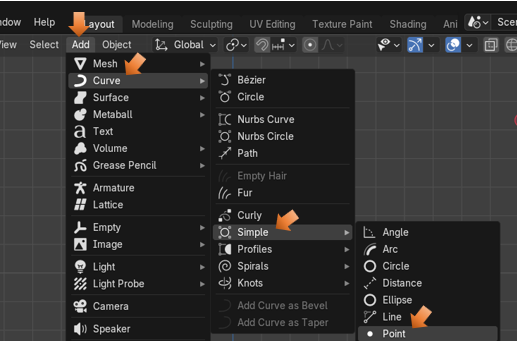
Click on the Add-Ons in the panel on the left-hand side, and then find and check, Extra Curve Objects, from the list.



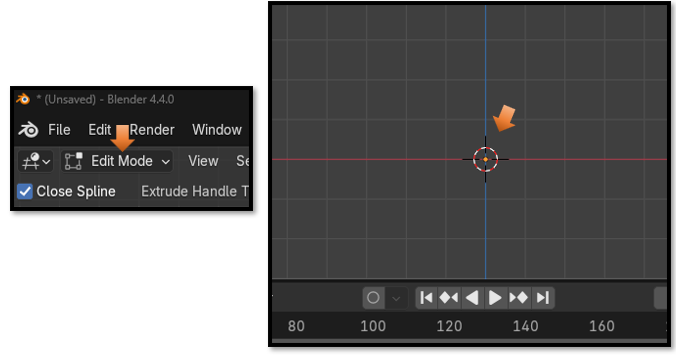
# Adding a Point in Object mode

We want to get rid of the cube that is sitting there, so just hit the X key and delete it. Now we want to add a point. Not a curve, but a point. So, for that we go to the Add menu, go to Curve, and then come down to Simple, you will find the point in the Simple menu.

Add-Curve-Simple-Point.

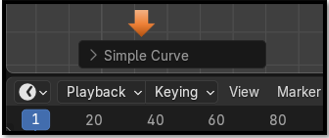


Adding this point will throw you immediately into Edit Mode. And since the point was drawn from the Curve menu, it also gave you all of the tools that a normal curve will give you. You should see that your point came in exactly where the cursor was located a the center of the Blue and Red grid lines.



# The Last Operation Box

As soon as you reach the edit mode with your point, you will have access to the Last Operation Box. It will say Simple Curve, because this is your last operation. A creation of a point, which is the simplest of all curves.

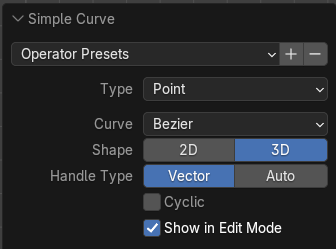


We want to make sure that we have 3 things checked in this area.

Bezier

3D

Vector



<https://www.youtube.com/watch?v=APxkUd7OAAk>

