

Please Note: If you're new to Revit, you may be interested in my "[Beginner's Guide to Revit Architecture](#)" **84 part**

video tutorial training course

. The course is 100% free with no catches or exclusions. You don't even need to sign-up. Just enjoy the course and drop me line if you found it useful. The [full course itinerary can be viewed here](#)

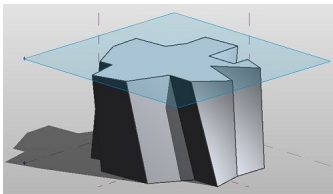
In this article we are going to take a look at how to create a solid **Loft** form, from within the **Conceptual Design Environment**

. If you are totally new to the

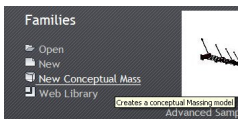
Conceptual Design Environment

(or CDE) within Revit, I suggest that you may wish to

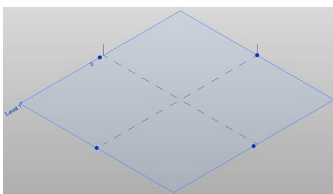
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A Loft form is basically two or more profiles that have been blended together. The easiest way to explain this is by a quick example. I'm going to start with a "New Conceptual Mass"- and I'm going to use the "Metric Mass" template.



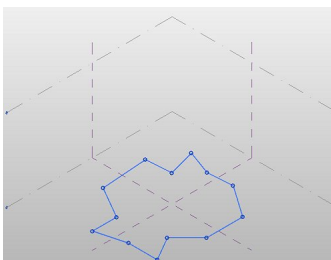
As I said above, in order to create a Loft you need two or more Profiles. And the Profiles need to be on different work planes. The Metric Mass family template has a single work plane in it by default.....



So I need to add another work plane. I can do this by simply adding a Level. I switch to an Elevation view (any will do) and add a new Level.....



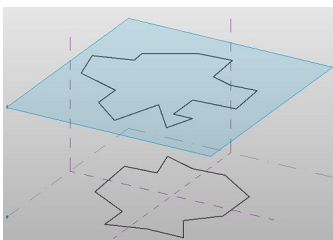
So now I can switch back to my 3D view and start sketching my profiles. In the image below you will see that I have sketched out a fairly random profile, on the lower work plane.....



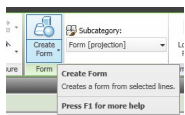
Now I can switch to the upper work plane and sketch a different profile on there. NOTE: You can switch work planes just by selecting them. Make sure the “Show Work plane” button is switched on if you’d like the current work plane to be shown, as you work....



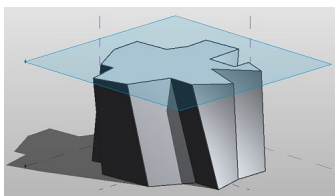
Now you can either sketch your second profile in a plan view (choose “Level 2” plan view) or you can sketch directly in a 3D view. Shown below are my two completed profiles that I am going to use for my Loft.....



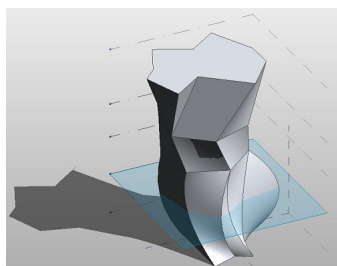
Now comes the fun part- creating the Loft! And this is as easy as it gets. Just select BOTH profiles and then hit “Create Form”.....



And your Loft form is instantly created.....



Now I have just used two profiles here but you can use as many profiles as you like. Here is a Loft form created using five profiles.....



Please Note: All Profiles MUST be **closed** loops.