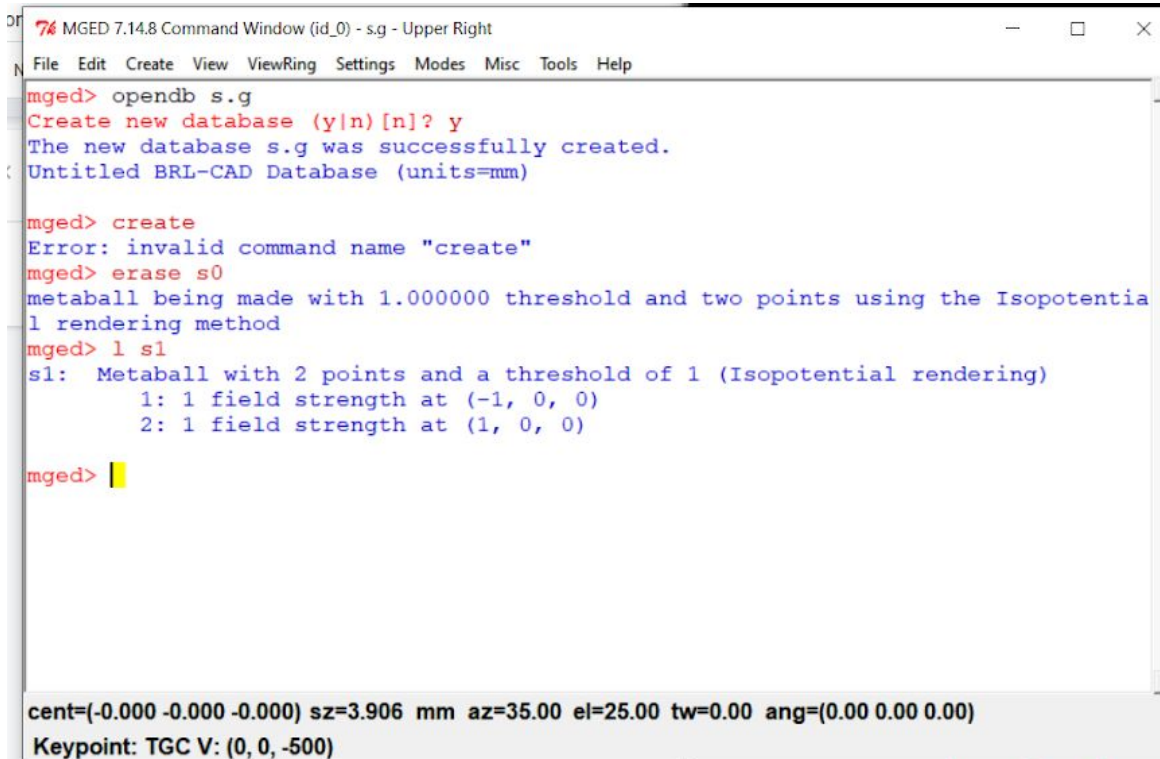# Tutorial: Steps to create metaballs in BRL CAD

1. BRL CAD contains two apps: MGED and Archer. First open up MGED. Once you open the app up, three windows will pop up.
2. Next you need to create a new database for your project.
   In the window titled Command window, go to *File > New* and pick a name. (Remember: to put .g at the end of the name)
3. Open up the file by doing *File > open*.
4. In the graphics window, go to create in the toolbar above the workspace
5. Find metaball and add it.
6. (if it looks small just keep right clicking until it's in view)
7. (not required) If you want to ray trace it just type *rt* in the command window.
8. And… voila!!
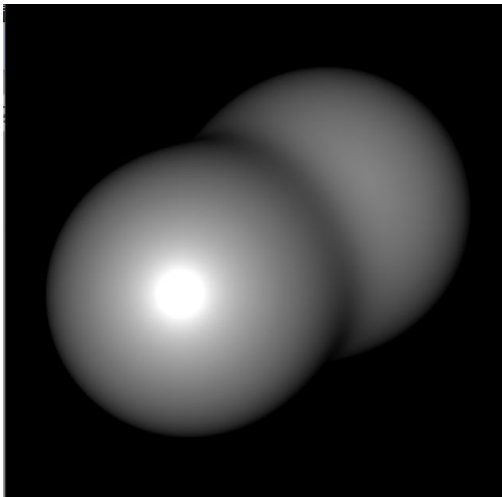
Steps to inspect the metaballs

1. Go to the command window

2. Type *l* then the name of your metaball (in this case, s1) to get the location details of it.

3. Threshold, Field Strength, and the number of points are all the arguments of *s1*. I had used the default option for the rendering which is Isopotential rendering.