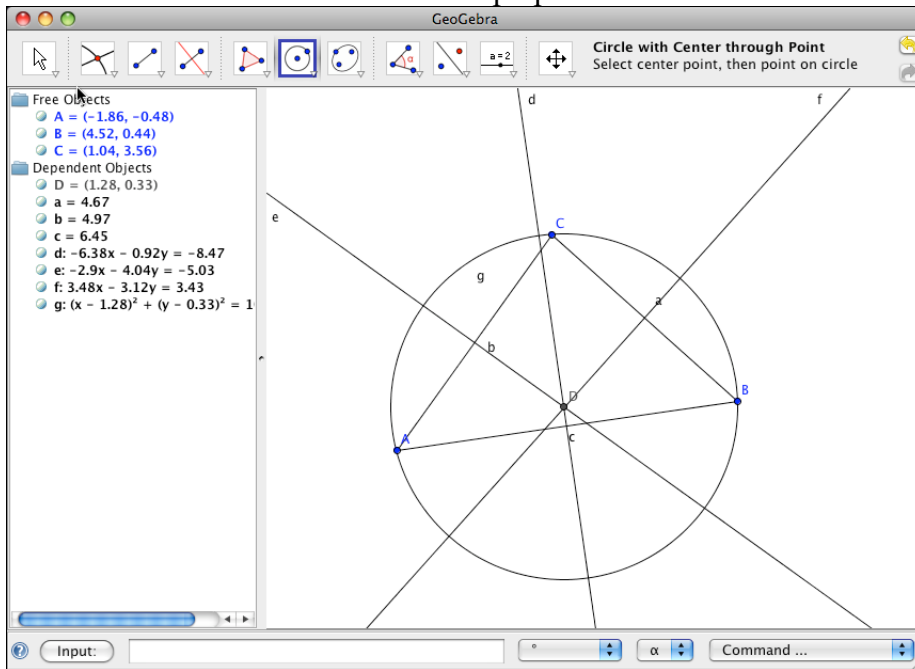
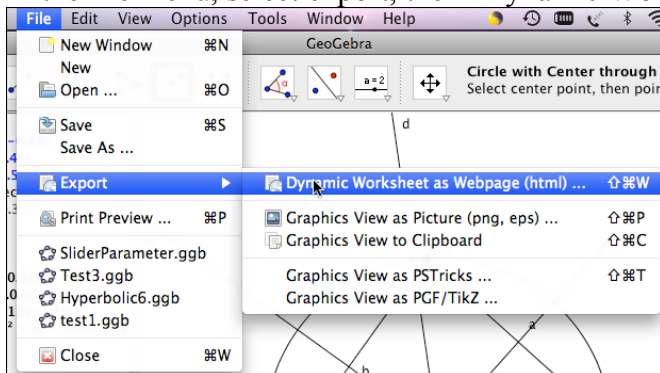


## Creating an Applet with GeoGebra

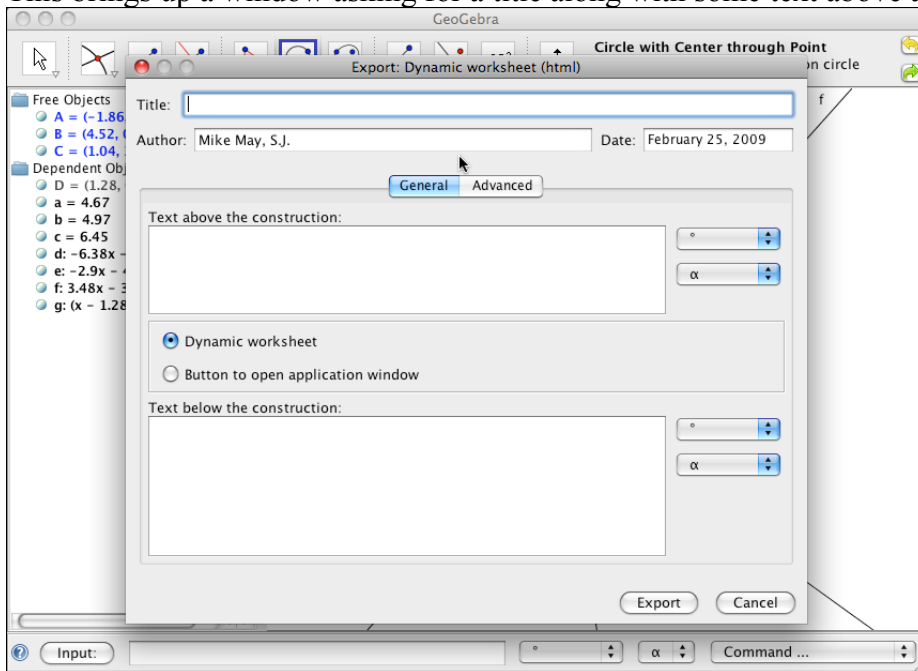
This document looks at how to create an applet with GeoGebra. We assume that we are working with GeoGebra 3.2 rather than 3.0. (That should be released soon. We are currently using version 3.1.201.) We start by assuming that you have an activity that you want to save as an applet. We use the application that finds the intersection of the three perpendicular bisectors of a triangle.



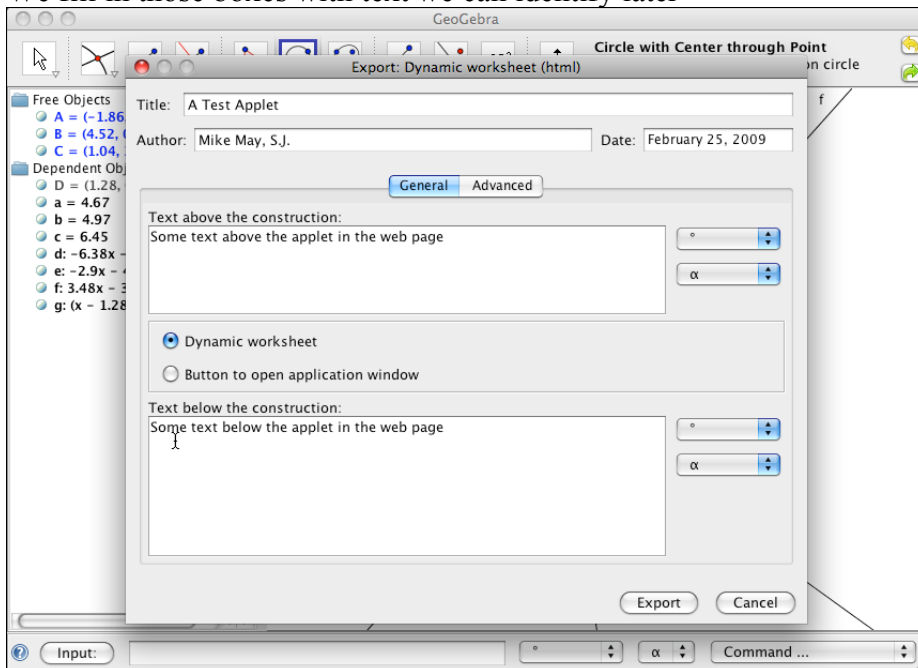
In the file menu, select export, then “Dynamic Worksheet as Webpage”



This brings up a window asking for a title along with some text above and below the applet

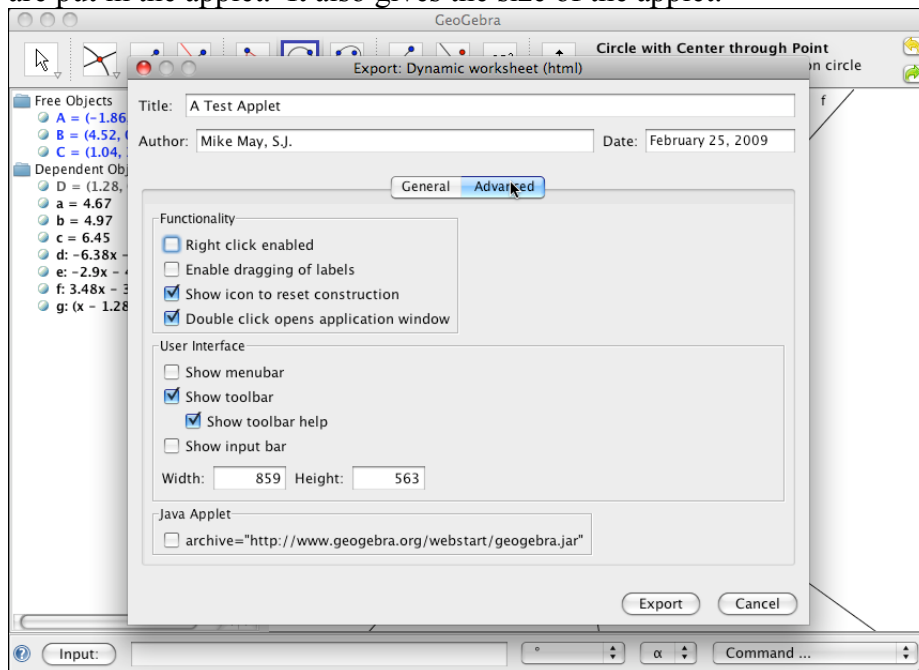


We fill in those boxes with text we can identify later

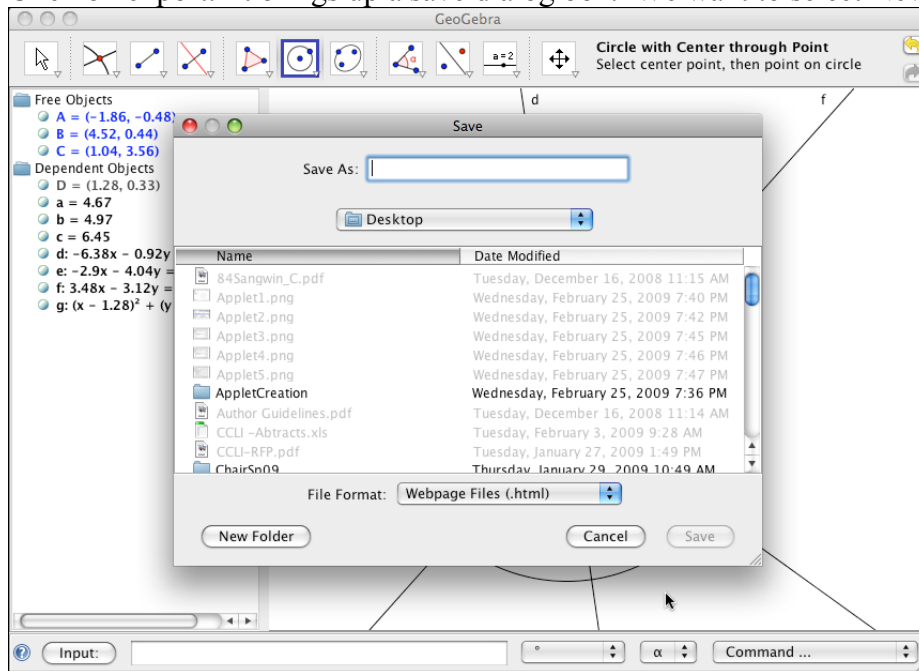


Click on the advanced tab.

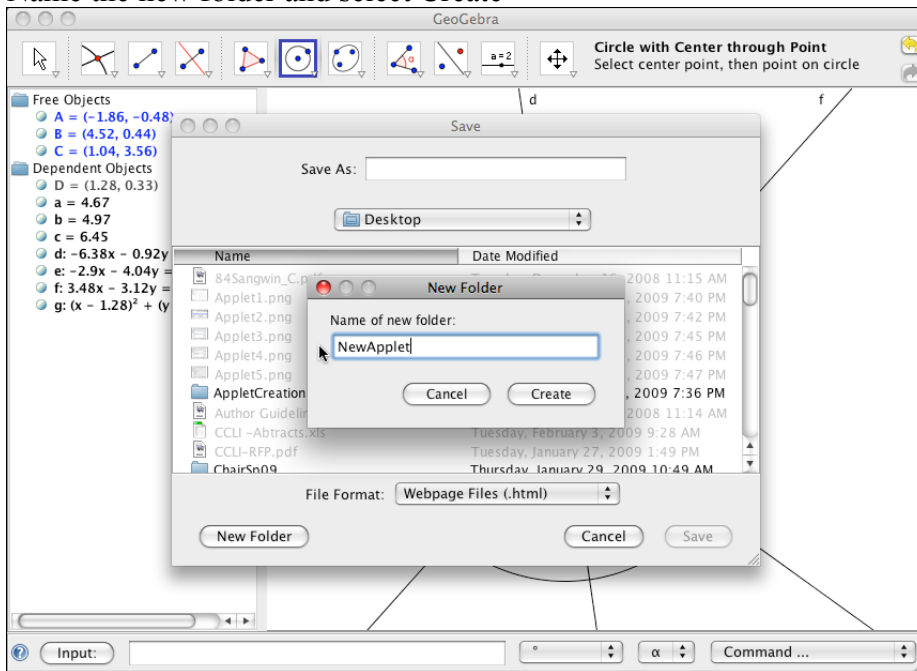
The tab gives you a list of choices, which we do not need to understand at this point. The section to pay attention to is titled user interface. It gives the size and determines if the toolbar, menubar, and input bar are put in the applet. It also gives the size of the applet.



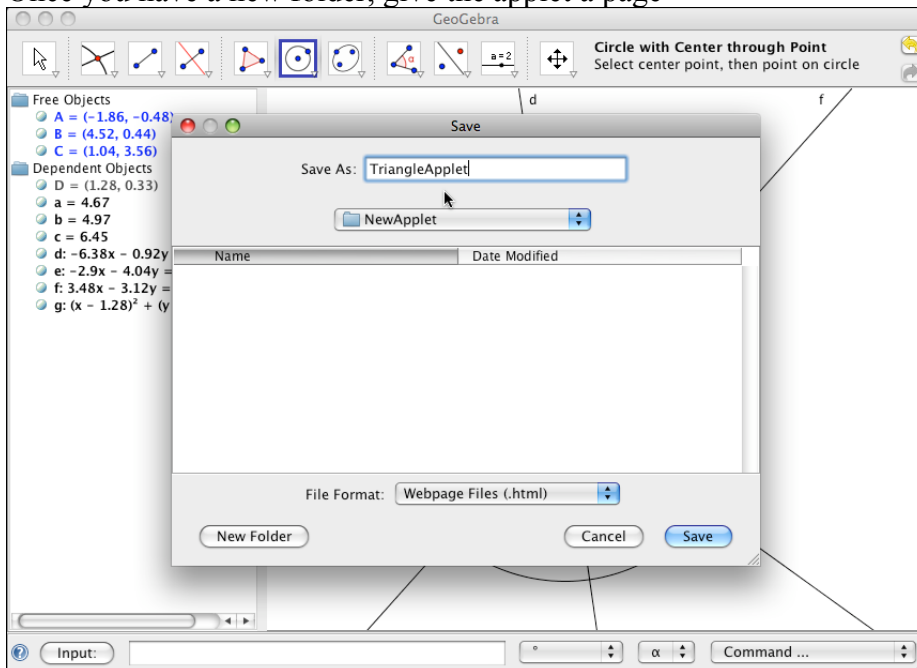
Click on export. It brings up a save dialog box. We want to select New Folder.



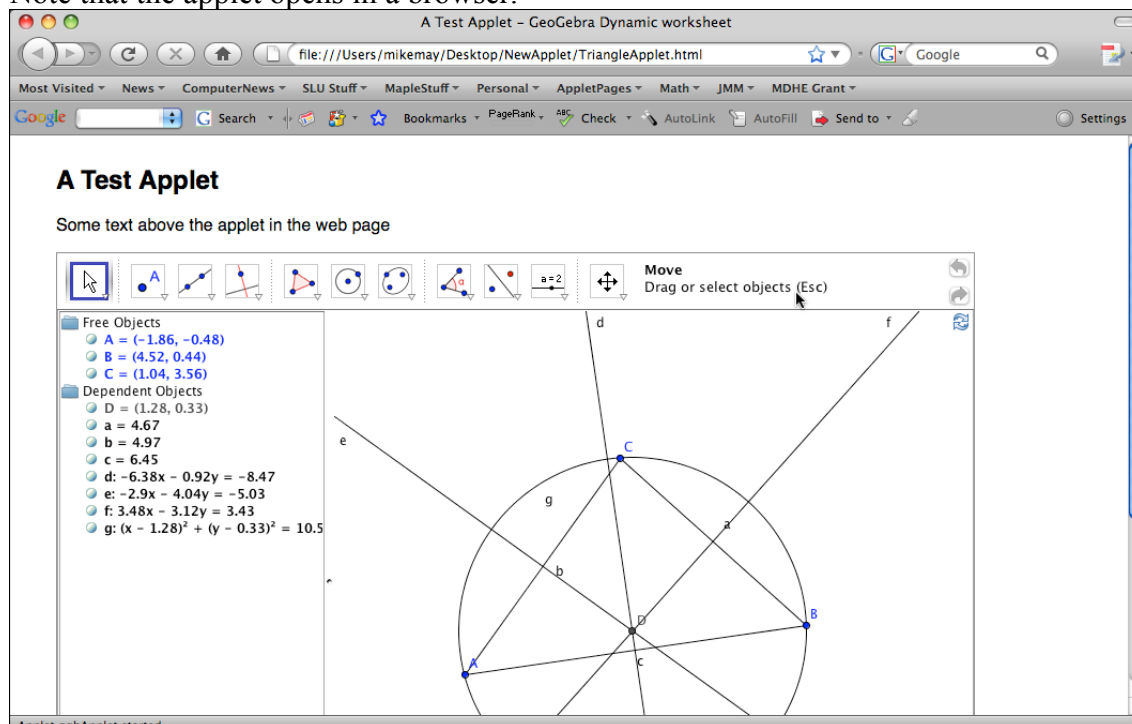
Name the new folder and select Create



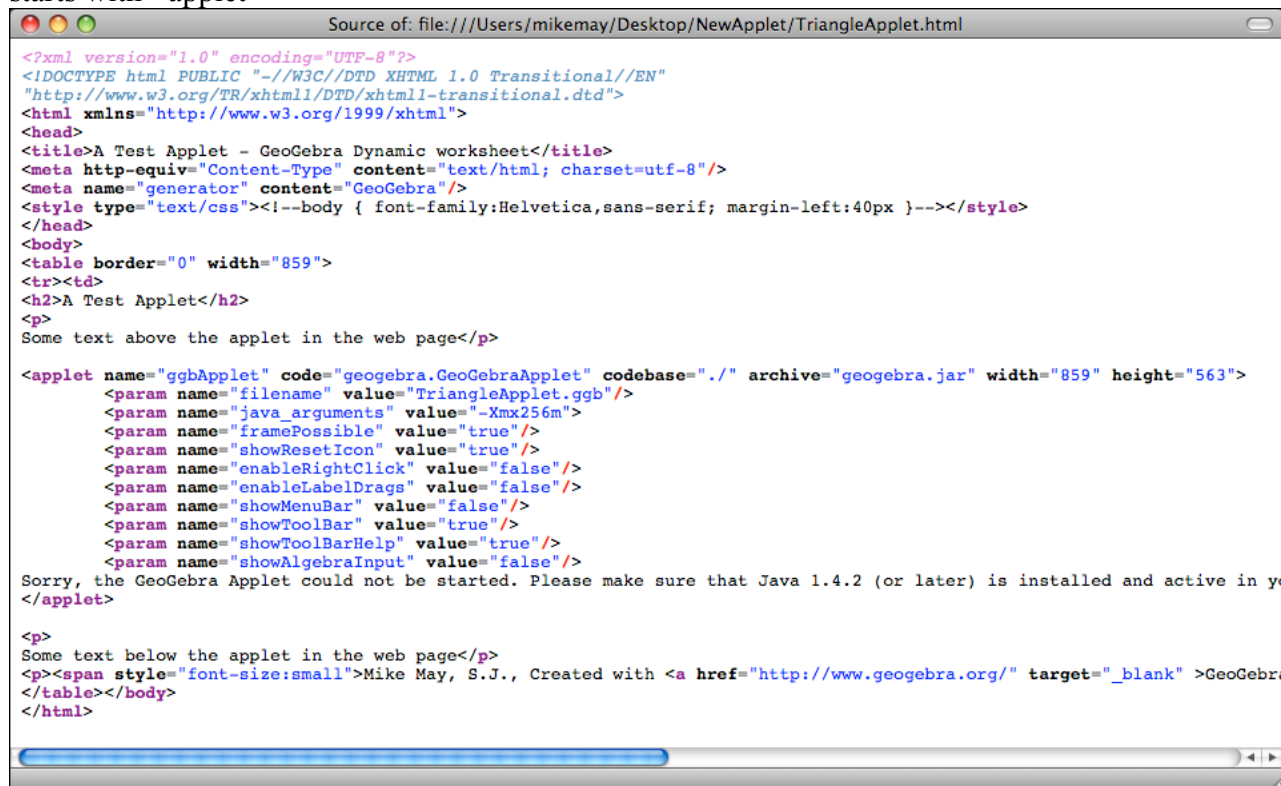
Once you have a new folder, give the applet a page



Note that the applet opens in a browser.



In your browser, you can “view source” to see the html code. We want to look at the block of code that starts with <applet>



Some lines to notice in that block of code.

The codebase="." line indicates that the geogebra.jar file will be in the same folder as the html file.

If we had selected the Java Applet/archive button from the advanced tab above, we could have the browser look to the main GeoGebra website for the jar files.

The line param name="filename" value="TriangleApplet.ggb" gives the name of the ggb file

Looking at the folder, we see 8 files. Of those files, 6 are jar files that are part of GeoGebra. There are two files with names that start TriangleApplet. The html file is the file we saw above with view source. The ggb file has the activity that becomes the applet

