Subject: Aspect ratio(s) in iTools
Posted by K. Bowman on Wed, 08 Nov 2006 21:13:46 GMT

I am trying to figure out how to control 3-D aspect ratio(s) in an iTool.

If I plot a 10 x 20 array

    IDL> isurface, randomu(seed, 10, 20), findgen(10), findgen(20)

by default the resulting plot is square, even though the x-dimension
is half as long as the y-dimension.

If I set the data space scaling to Anisotropic, I can stretch or shrink the
z-dimension with the "Anisotropic 3D scale" parameter, but I cannot
adjust the x-y aspect ratio. That only works for 2-D plots (iPlot, ...).

With a 3-D plot, how do I control the three dimensions independently?

Thanks, Ken Bowman