
Subject: Re: iTools problem with setting isotropic in 8.0
Posted by [penteado](#) on Sat, 07 Aug 2010 23:08:38 GMT

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On Aug 7, 3:30 pm, Erik Rasmussen <ra...@rasmsys.com> wrote:

- > It seems that something changed between 7.1 and 8.0 that is not
- > allowing a visualization to be isotropic in iTools.
- >
- > My IDLitVisualization instance has /ISOTROPIC set, and this should
- > force the entire view hierarchy to be isotropic. It does not.
- >
- > Further, in the IDLITSYS_CREATETOOL function I have tried using no
- > SCALE_ISOTROPIC keyword, which should default to zero for that
- > variable, which should honor the /ISOTROPIC request in my
- > visualization. I have also tried SCALE_ISOTROPIC=1, which should
- > force isotropic scaling in any situation, and I have tried
- > SCALE_ISOTROPIC=2, ANISOTROPIC_SCALE_3D = 1.0, which should trick the
- > iTool into isotropic scaling. None of these worked.
- >
- > Gosh I would hate to have to do a kludge like a transparent cube to
- > trick IDL into thinking the Z range is the full range of the gridded
- > data, instead of the spatial range of only the isosurface being
- > plotted.
- >
- > Hopefully this is me being bone-headed. If I figure this out in the
- > near-term, I will 'fess up and explain the error.
- >
- > Anyone else notice this behavior or have any advice?

There are the keywords aspect_ratio (y/x) and aspect_z (z/y).
