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Subject: How to keep two objects synchronized?

Posted by [Matthew Argall](#) on Thu, 03 Oct 2013 12:49:14 GMT

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Say I have a colorbar object and an image object and I want to keep their color table and color range the same whenever either of the objects are changed. Also, the colorbar is also positioned relative to the image, so if the image's position changes, the colorbar's should be updated as well.

My idea is to store the colorbar as a property in the image. Internally, the image would then add itself the colorbar. When either are updated, trigger updates to the other (would need a flag to prevent infinite loops).

With this, the ability to add images to colorbars would have to be a hidden feature in order to maintain the one-way work flow of adding colorbars to images.

Suggestions or comments?

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