Astronomy outreach images are rendering using scientific data in the FITS format.
Aesthetics is a component during processing, resulting in the final image being cropped, rotated and/or scaled from the original data.
These transformations invalidate the celestial coordinates from the scientific data.
Need to re-calculate coordinates for outreach images.
One solution is to re-calculate coordinates based on metadata from a FITS image.
One solution is to re-calculate coordinates based on metadata from a FITS image.
The Chandra X-ray Center’s Education and Public Outreach group is developing PinpointWCS.
The Chandra X-ray Center’s Education and Public Outreach group is developing PinpointWCS.

This software facilitates the retrieval of coordinates for outreach images.
The Chandra X-ray Center’s Education and Public Outreach group is developing PinpointWCS.

This software facilitates the retrieval of coordinates for outreach images.

It is developed specifically for outreach groups, using the same the Astronomy Visualization Metadata (AVM) standard.
The Chandra X-ray Center’s Education and Public Outreach group is developing PinpointWCS.

This software facilitates the retrieval of coordinates for outreach images.

It is developed specifically for outreach groups, using the same the Astronomy Visualization Metadata (AVM) standard.

Currently in beta.
Demo
Looking for feedback.

http://www.cfa.harvard.edu/~akapadia/pinpointwcs/

akapadia@cfa.harvard.edu
ebressert@cfa.harvard.edu