

---

Subject: Map projections

Posted by [James Kuyper](#) on Mon, 12 Nov 2001 15:55:26 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Is there any way to get at the coordinate conversion function for the currently active map projection? I'm talking about a function that takes a physical position in latitude and longitude coordinates, and converts it into an image position using either data, device, or normal coordinates. It doesn't matter which; once the position is in any one of those forms, I can get the others by using CONVERT\_COORD. Such functions have to exist in order for IDL to perform mapping, but they don't seem to be publically exposed. I'd also like to have access to the inverse function, to get a lat/lon corresponding to an image position.

--

James Kuyper  
MODIS Level 1 Lead  
Science Data Support Team  
(301) 352-2150

---