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Subject: ENVI: Anyone created custom applications?  
Posted by [Liam Gumley](#) on Thu, 20 Feb 1997 08:00:00 GMT  
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I'm planning to develop a GUI satellite image view/analysis application that will need features like:

- import of HDF SDS data
- zoom/scroll image windows
- image annotation (e.g. time codes along one axis)
- overlay of coastline vectors (image association to lat/lon arrays)
- resampling of imagery to a map projection
- display of single bands (greyscale) or multiple bands (RGB)
- easy access to Postscript/GIF image output

Has anyone used ENVI to develop a similar application? I'm trying to decide whether it would be more efficient to use the ENVI compound widget library, or to just use IDL. I should say that I really want this application would has to be more than just an ENVI recipe book - it has to present an easy-to-use, consistent, dedicated user-interface.

Any comments related to ease-of-use of the ENVI library routines to develop an application of this type would be much appreciated.

Cheers,  
Liam.

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