
Subject: Re: How to subset many images in batch mode?

Posted by [Jean H.](#) on Wed, 24 Jan 2007 17:57:47 GMT

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kavin wrote:

- > yeah,I want to use a smaller image as mask to subset many big images
- > automatically.
- > It's a heave work.
- > I want to know that does there exist any ENVI routine to accomplish my
- > task automated?

I don't think there is 1 function for this... so you will have to implement the 4 steps described below!

Jean

>

> <jghas...@DELTHIS.ucalgary.ANDTHIS.ca> wrote:

>

>> kavin wrote:

>>

>>> Hi,everyone!

>>

>>> I want to subset many images with one smaller image in batch mode,but I

>>> can not find the right command to fulfill it.

>>> waiting for the answers.....So you mean you have one small image that you want to use as a mask?

>>

>> 1) get the corners coordinates of your "small image"

>> 2) convert them to the pixel coordinate of your "big image" (in ENVI I believe)

>> 3) Find the cells that are within this area, using POLYFILL

>> 4) subset your image using the indices from #3 newImage = bigImage[indices]

>> 5) if your "big images" have the same characteristics, use the indices

>> you found in #3 for all of them. If not, go to #2

>>

>> Jean

>

>
