
Subject: tracking clusters through multiple timesteps
Posted by [lan\[1\]](#) on Mon, 20 Feb 2012 17:34:01 GMT
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Hi all,

I have a binary dataset (flags of cloud presence or absence) and i would like to find a way of tracking clusters of 1's through time, with an aim of finding the start point (in space and time) of the object, the end point, its maximum size and its trajectory. I have experience of using 'label_region' to identify individual objects within an image by pixel connectivity, but i am completely at a loss for correct way to move forward from here.

I am dealing with an array of dimensions 1133,751,8832, with 8832 being the number of timesteps i ultimately aim to work through.

Any help, tips or advice would be hugely appreciated!

Cheers,

lan
