Subject: expanded 2d matching

Posted by Gray on Sun, 07 Nov 2010 12:16:45 GMT

Hi all,

I've run into several situations where I needed to match 2d
coordinates between multiple sets. First it was three, and that
involved the simple-to-code solution of 3 calls to match_2d and two to
cmset_op. Then came matching between 7 sets of coords, and I did
crute force for that one too, so it was 21 calls to match_2d with the
results stored into an expanding array of indices.

Does anyone have a better algorithm for matching coordinates across N
multiple sets than (N choose 2) calls to match_2d? I have to match
across 62 sets, now, and I don't want to write 1891 matches...

--Gray