Subject: Re: Optimizing code for faster calculation
Posted by Kenneth D on Fri, 14 Mar 2014 00:46:28 GMT
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Thank you so much!

Converting my strings to index values and processing like this:

modeled_class[where(min_rmse GT rmse_threshold, /NULL)] = unmodeled_index

Totally made a difference! Now the biggest ding on my program is the built in function: min()

min_rmse = min(rmse_subset, min_subs, dimension=1)

I'm going to see if a histogram of this might be faster or something...

Additional Info:
My test case is a 200x200 matrix. My real world case is a 17000x17000 matrix
I'm using IDL 8.2.#, I tried my code on 8.3 at our university and the index (i) gave me an error, so I changed those to [i]. I blame it on switching between Python and IDL.