
Subject: Re: Does the ENVI_SVM_DOIT function have memory leak problem?

Posted by [Jean H.](#) on Fri, 28 Mar 2008 16:34:30 GMT

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```
> Pro test
> ori_data_path = 'D:\bhtmref'
> envi_open_file, ori_data_path, r_fid=ori_img_fid
> envi_file_query, ori_img_fid, dims=ori_img_dims, nb=ori_img_nb
> numFeatures = ori_img_nb
> Feature_Subset = indgen(numFeatures)
> Para_C = 100
> Para_gamma = 1/numFeatures
```

==> will always be 0
Do 1.0/numFeatures

not sure it would have any effect on the memory though...
you can try to add a heap_gc statement every now and then..

Jean

```
> out_name = 'D:\clsrst'
> envi_restore_rois, 'D:\test.roi'
> tr_roi_ids = envi_get_roi_ids(fid=fid)
> help, /memory
> print, '=====
> ; Call the svm classification doit routine, using the optimized
> parameters
> envi_doit, 'envi_svm_doit', $
> fid=ori_img_fid, pos=Feature_Subset, dims=ori_img_dims, $
> out_name=out_name, roi_ids=tr_roi_ids, $
> penalty=Para_C, kernel_gamma= Para_gamma
> help, /memory
> ; Remove the original image and training ROI IDS
> envi_file_mng, id=ori_img_fid, /remove
> help, /memory
> envi_delete_rois, tr_roi_ids
>
> End
```
