

Classifying natural scenes using Spatial Pyramid Matching

Please run the script `Main.m` which calls the script `svm.m` and `project.m`

`svm.m` -- This uses 160 images from four different categories(40 each) and then trains the model using 120 images(selected randomly from the set of 160 images) using multi class svm classifier and then tests the model on the test images and accuracy is shown in the command window.

`Project.m` - This gives the GUI where 10 images were provided. And then on clicking predict it loads the svm model stored in the hard-disk and tests all the images and results were shown.

Note: This can be tested on different set of images by replacing the images from `Test_Images` folder.