

scratchdir = /scratch %for KDES features, DPD features, etc

in dpd\_set\_up.m :

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```
if strcmp(database, 'bird')
    dataset_base = /path/to/CUB200-2011 %you edit this
elseif strcmp(database, 'cub200')
    dataset_base = /path/to/CUB200-2010 %you edit this
elseif strcmp(database, 'human')
    dataset_base = /path/to/berkeley-human-attributes-dataset %you edit this
end
```

## **Running the Code**

Here's how to automatically classify CUB200-2011 birds using Deformable Part Descriptors with Kernel Descriptors (KDES):

```
run_dpd('bird', 0, 0); %runs all images through each DPD pipeline step, in batch mode
%arguments: run_dpd('class', 0=weakPooling 1=strongPooling, 0=trainAndTest 1=trainOnly);
%assume: DPM part bounding boxes are already extracted and located in a subdirectory of dpd_scratch
```

## **Reorganizing directories**

```
move:
dpd_set_up -> dpd_kdes_set_up
thirdparty/ffld_dpm ./ffld_dpm
new:
dpd/dpd_decaf
   mv train test/dpd decaf.m dpd decaf/dpd decaf.m
   mv ./dpd_decaf_features.py dpd_decaf/dpd_decaf_features.py
dpd/dpd_kdes
   mv train_test dpd_kdes
   common/{cksvd*, kdes_cholesky} -> dpd_kdes
dpd/old
   mv dpd/test_realtime old
   mv dpd/test realtime cpp old
   mv thirdparty old/thirdparty
   mv fgcomp old/fgcomp #just a script to convert FGcomp labels to pascal format
dpd_decaf_set_up.sh #just point to dpd_scratch directory location
```

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