		File: simrdwn-help.txt
1		
2	Permit me to intro	oduce myself
3		got that out of the way.
4	, 9	, , , , , , , , , , , , , , , , , , ,
5	neage: eimrdwn nu	[-h] [framework FRAMEWORK] [mode MODE] [gpu GPU]
6	usage. Simiawn.py	[single gpu machine SINGLE GPU MACHINE] [nbands NBANDS]
7		
		[outname OUTNAME] [label_map_path LABEL_MAP_PATH]
8		[weight_dir WEIGHT_DIR] [weight_file WEIGHT_FILE]
9		[yolt_train_images_list_file YOLT_TRAIN_IMAGES_LIST_FILE]
10		[max_batches MAX_BATCHES] [batch_size BATCH_SIZE]
11		[yolt_input_width YOLT_INPUT_WIDTH]
12		[yolt input height YOLT INPUT HEIGHT]
13		[tf cfg train file TF CFG TRAIN FILE]
14		[train tf record TRAIN TF RECORD]
15		[train val tf record TRAIN VAL TF RECORD]
16		[yolt object labels str YOLT OBJECT LABELS STR]
17		[train model path TRAIN MODEL PATH]
18		[use tfrecords USE TFRECORDS]
19		[valid_presliced_tfrecord_part_VALID_PRESLICED_TFRECORD_PART]
20		[valid_presliced_list VALID_PRESLICED_LIST]
21		[valid_testims_dir VALID_TESTIMS_DIR]
22		[slice_sizes_str SLICE_SIZES_STR]
23		[edge_buffer_valid EDGE_BUFFER_VALID]
24		[max edge aspect ratio MAX EDGE ASPECT RATIO]
25		[slice overlap SLICE OVERLAP]
26		[nms overlap thresh NMS OVERLAP THRESH]
27		[valid box rescale frac VALID BOX RESCALE FRAC]
28		[valid slice sep VALID SLICE SEP]
29		[val df root init VAL DF ROOT INIT]
30		[val df root aug VAL DF ROOT AUG]
31		[valid splitims locs file root VALID SPLITIMS LOCS FILE ROOT]
32		[valid prep only VALID PREP ONLY] [BGR2RGB BGR2RGB]
33		[varid_prep_only valid_free_onli] [bgrzrgb bgrzrgb] [overwrite inference graph OVERWRITE INFERENCE GRAPH]
34		[min_retain_prob_MIN_RETAIN_PROB]
35		[yolt_nms_thresh YOLT_NMS_THRESH]
36		[plot_thresh_str PLOT_THRESH_STR]
37		[show_labels SHOW_LABELS] [alpha_scaling ALPHA_SCALING]
38		[show_valid_plots_SHOW_VALID_PLOTS]
39		[rotate_boxes_ROTATE_BOXES]
40		[plot_line_thickness PLOT_LINE_THICKNESS]
41		[n_valid_output_plots N_VALID_OUTPUT_PLOTS]
42		[valid_make_legend_and_title VALID_MAKE_LEGEND_AND_TITLE]
43		[valid_im_compression_level VALID_IM_COMPRESSION_LEVEL]
44		[keep_valid_slices KEEP_VALID_SLICES]
45		[yolt cfg file YOLT CFG FILE]
46		[subdivisions SUBDIVISIONS] [use opency USE OPENCV]
47		[boxes per grid BOXES PER GRID]
48		[yolt test im YOLT TEST IM]
49		[yolt test thresh YOLT TEST THRESH]
50		[yolt test labels YOLT TEST LABELS]
51		[train model path2 TRAIN MODEL PATH2]
52		[label_map_path2 LABEL_MAP_PATH2]
53		[weight_dir2 WEIGHT_DIR2] [weight_file2 WEIGHT_FILE2]
54		[slice_sizes_str2 SLICE_SIZES_STR2]
55		[plot_thresh_str2 PLOT_THRESH_STR2]
56		[inference_graph_path2 INFERENCE_GRAPH_PATH2]
57		[yolt_cfg_file2 YOLT_CFG_FILE2]
58		[val_df_root_init2 VAL_DF_ROOT_INIT2]
59		[val df root aug2 VAL DF ROOT AUG2]
60		[valid_splitims_locs_file_root2 VALID_SPLITIMS_LOCS_FILE_ROOT2]
61		[val df root tot VAL DF ROOT TOT]
62		[val prediction df refine tot root part
		VAL PREDICTION DF REFINE TOT ROOT PART]
63		[simrdwn dir SIMRDWN DIR]
64		[multi band delim MULTI BAND DELIM]
65		[zero frac thresh ZERO FRAC THRESH]
00		[Pero_trac_cureau prvo_trac_tuvpau]

	File: simrdwn-help.txt
66	[str delim STR DELIM]
67	
68	optional arguments:
69	-h,help show this help message and exit
70	framework FRAMEWORK
71	object detection framework [yolt, ssd, faster rcnn]
72	mode MODE [compile, test, train, valid]
73	gpu GPU GPU number, set < 0 to turn off GPU support
74	single_gpu_machine SINGLE_GPU_MACHINE
75	Switch to use a machine with just one gpu
76	nbands NBANDS Number of input bands (e.g.: for RGB use 3)
77	outname OUTNAME unique name of output
78	label_map_path LABEL_MAP_PATH
79	Object classes, /raid/local/src/simrdwn/data/class_lab
80	els_airplane_boat_car.pbtxt
81	weight_dir WEIGHT_DIR
82	Directory holding trained weights
83	weight_file WEIGHT_FILE
84	Input weight file
85	yolt_train_images_list_file YOLT_TRAIN_IMAGES_LIST_FILE
86	file holding training image names, should be in
87	simrdwn_dir/data/
88	max_batches MAX_BATCHES
89	Max number of training batches
90	batch_size BATCH_SIZE
91 92	Number of images per batch
93	yolt_input_width YOLT_INPUT_WIDTH Size of image to input to YOLT [n-boxes * 32: 415,
94	544, 608, 896
95	yolt input height YOLT INPUT HEIGHT
96	Size of image to input to YOLT
97	tf cfg train file TF CFG TRAIN FILE
98	Configuration file for training
99	train tf record TRAIN TF RECORD
100	tfrecord for training
101	train val tf record TRAIN VAL TF RECORD
102	tfrecord for validation during training
103	yolt object labels str YOLT OBJECT LABELS STR
104	yolt labels str: car,boat,giraffe
105	train_model_path TRAIN_MODEL_PATH
106	Location of trained model
107	use_tfrecords USE_TFRECORDS
108	Switch to use tfrecords for infernece
109	valid_presliced_tfrecord_part VALID_PRESLICED_TFRECORD_PART
110	Location of presliced training data tfrecord if empty
111	us valid_presliced_list
112	valid_presliced_list_VALID_PRESLICED_LIST
113	Location of presliced training data list if empty, use
114 115	tfrecord
116	valid_testims_dir VALID_TESTIMS_DIR Location of validation images
117	slice sizes str SLICE SIZES STR
118	Proposed pixel slice sizes for valid, will be split
119	into array by commas (e.g.: '0.2,0.3' => [0.2,0.3])
120	edge buffer valid EDGE BUFFER VALID
121	Buffer around slices to ignore boxes (helps with
122	truncated boxes and stitching) set <0 to turn off if
123	not slicing test ims
124	max edge aspect ratio MAX EDGE ASPECT RATIO
125	Max aspect ratio of any item within the above buffer
126	slice overlap SLICE OVERLAP
127	Overlap fraction for sliding window in valid
128	nms overlap thresh NMS OVERLAP THRESH
129	Overlap threshold for non-max-suppresion in python
130	(set to <0 to turn off)
131	valid_box_rescale_frac VALID_BOX_RESCALE_FRAC

File: simrdwn-help.txt

	Tile. Similawi Help.txt
198	file. Will be split into array by commas (e.g.:
199	'0.2,0.3' => [0.2,0.3])
200	plot thresh str2 PLOT THRESH STR2
201	Proposed thresholds to try for valid2, will be split
202	into array by commas (e.g.: $0.2,0.3' \Rightarrow [0.2,0.3]$)
203	inference graph path2 INFERENCE GRAPH PATH2
204	Location of inference graph for tensorflow object
205	detection API
206	yolt cfg file2 YOLT CFG FILE2
207	YOLT configuration file for network, in cfg directory
208	val_df_root_init2
209	Results in dataframe format
210	val df root aug2 VAL DF ROOT AUG2
211	Results in dataframe format
212	valid_splitims_locs_file_root2 VALID_SPLITIMS_LOCS_FILE_ROOT2
213	Root of valid splitims locs file
214	val_df_root_tot VAL_DF_ROOT_TOT
215	Results in dataframe format
216	val_prediction_df_refine_tot_root_part VAL_PREDICTION_DF_REFINE_TOT_ROOT_PART
217	Refined results in dataframe format
218	simrdwn_dir SIMRDWN_DIR
219	<pre>path to package /cosmiq/yolt2/</pre>
220	multi_band_delim MULTI_BAND_DELIM
221	Delimiter for multiband data
222	zero_frac_thresh ZERO_FRAC_THRESH
223	If less than this value of an image chip is blank,
224	skip it
225	str_delim STR_DELIM
226	Delimiter for string lists
227	

Proposed pixel slice sizes for valid2 == secondweight

--slice sizes str2 SLICE SIZES STR2

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197