

Module: tf.contrib.gan.eval

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Defined in `tensorflow/contrib/gan/python/eval/__init__.py`.

TFGAN grouped API. Please see README.md for details and usage.

Modules

`classifier_metrics` module: Model evaluation tools for TFGAN.

`eval_utils` module: Utility file for visualizing generated images.

`summaries` module: Common TFGAN summaries.

Functions

`add_gan_model_image_summaries(...)` : Adds image summaries for real and fake images.

`add_gan_model_summaries(...)` : Adds typical GANModel summaries.

`add_image_comparison_summaries(...)` : Adds image summaries to compare triplets of images.

`add_regularization_loss_summaries(...)` : Adds summaries for a regularization losses..

`classifier_score(...)` : Classifier score for evaluating a conditional generative model.

`frechet_classifier_distance(...)` : Classifier distance for evaluating a generative model.

`get_graph_def_from_disk(...)` : Get a GraphDef proto from a disk location.

`get_graph_def_from_resource(...)` : Get a GraphDef proto from within a .par file.

`get_graph_def_from_url_tarball(...)` : Get a GraphDef proto from a tarball on the web.

`image_grid(...)` : Arrange a minibatch of images into a grid to form a single image.

`image_resampler(...)` : A reshaped summary image.

`preprocess_image(...)` : Prepare one image for evaluation.

`run_image_classifier(...)` : Runs a network from a frozen graph.

`run_inception(...)` : Run images through a pretrained Inception classifier.

Other Members

`frechet_inception_distance`

`inception_score`

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