Module: tf.estimator

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Defined in `tensorflow/python/estimator/estimator_lib.py` .

Estimator: High level tools for working with models.

Modules

`export` module: Utility methods for exporting Estimator.

`inputs` module: Utility methods to create simple input_fns.

Classes

`class DNNClassifier` : A classifier for TensorFlow DNN models.

`class DNNLinearCombinedClassifier` : An estimator for TensorFlow Linear and DNN joined classification models.

`class DNNLinearCombinedRegressor` : An estimator for TensorFlow Linear and DNN joined models for regression.

`class DNNRegressor` : A regressor for TensorFlow DNN models.

`class Estimator` : Estimator class to train and evaluate TensorFlow models.

`class EstimatorSpec` : Ops and objects returned from a `model_fn` and passed to an `Estimator` .

`class EvalSpec` : Configuration for the "eval" part for the `train_and_evaluate` call.

`class Exporter` : A class representing a type of model export.

`class FinalExporter` : This class exports the serving graph and checkpoints in the end.

`class LatestExporter` : This class regularly exports the serving graph and checkpoints.

`class LinearClassifier` : Linear classifier model.

`class LinearRegressor` : An estimator for TensorFlow Linear regression problems.

`class ModeKeys` : Standard names for model modes.

`class RunConfig` : This class specifies the configurations for an `Estimator` run.

`class TrainSpec` : Configuration for the "train" part for the `train_and_evaluate` call.

Functions

`classifier_parse_example_spec(...)` : Generates parsing spec for tf.parse_example to be used with classifiers.

`regressor_parse_example_spec(...)` : Generates parsing spec for tf.parse_example to be used with regressors.

`train_and_evaluate(...)` : Train and evaluate the `estimator` .

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