

Module: tf.keras.optimizers

[Contents](#)[Classes](#)[Functions](#)

Defined in [tensorflow/python/keras/optimizers/__init__.py](#).

Keras built-in optimizers.

Classes

class [Adadelta](#) : Adadelta optimizer.

class [Adagrad](#) : Adagrad optimizer.

class [Adam](#) : Adam optimizer.

class [Adamax](#) : Adamax optimizer from Adam paper's Section 7.

class [Nadam](#) : Nesterov Adam optimizer.

class [Optimizer](#) : Abstract optimizer base class.

class [RMSprop](#) : RMSProp optimizer.

class [SGD](#) : Stochastic gradient descent optimizer.

Functions

deserialize(...) : Inverse of the [serialize](#) function.

get(...) : Retrieves a Keras Optimizer instance.

serialize(...)

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

Stay Connected

[Blog](#)[GitHub](#)[Twitter](#)

Support

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

English

[Terms](#) | [Privacy](#)