

Module: tfdbg

Module tfdbg

Defined in [tensorflow/python/debug/__init__.py](https://www.github.com/tensorflow/tensorflow/blob/r1.1/tensorflow/python/debug/__init__.py) (https://www.github.com/tensorflow/tensorflow/blob/r1.1/tensorflow/python/debug/__init__.py).

Public Python API of TensorFlow Debugger (tfdbg).

See the [TensorFlow Debugger](https://www.tensorflow.org/api_guides/python/tfdbg) (https://www.tensorflow.org/api_guides/python/tfdbg) guide.

Classes

class DebugDumpDir (https://www.tensorflow.org/api_docs/python/tfdbg/DebugDumpDir): Data set from a debug-dump directory on filesystem.

class DebugTensorDatum (https://www.tensorflow.org/api_docs/python/tfdbg/DebugTensorDatum): A single tensor dumped by TensorFlow Debugger (tfdbg).

class DumpingDebugHook (https://www.tensorflow.org/api_docs/python/tfdbg/DumpingDebugHook): A debugger hook that dumps debug data to filesystem.

class DumpingDebugWrapperSession (https://www.tensorflow.org/api_docs/python/tfdbg/DumpingDebugWrapperSession): Debug Session wrapper that dumps debug data to filesystem.

class LocalCLIDebugHook (https://www.tensorflow.org/api_docs/python/tfdbg/LocalCLIDebugHook): Command-line-interface debugger hook.

class LocalCLIDebugWrapperSession (https://www.tensorflow.org/api_docs/python/tfdbg/LocalCLIDebugWrapperSession): Concrete subclass of BaseDebugWrapperSession implementing a local CLI.

class WatchOptions (https://www.tensorflow.org/api_docs/python/tfdbg/WatchOptions): Type for return values of watch_fn.

Functions

add_debug_tensor_watch(...) (https://www.tensorflow.org/api_docs/python/tfdbg/add_debug_tensor_watch): Add watch on a Tensor to RunOptions.

has_inf_or_nan(...) (https://www.tensorflow.org/api_docs/python/tfdbg/has_inf_or_nan): A predicate for whether a tensor consists of any bad numerical values.

load_tensor_from_event_file(...) (https://www.tensorflow.org/api_docs/python/tfdbg/load_tensor_from_event_file): Load a tensor from an event file.

watch_graph(...) (https://www.tensorflow.org/api_docs/python/tfdbg/watch_graph): Add debug watches to RunOptions for a TensorFlow graph.

watch_graph_with_blacklists(...) (https://www.tensorflow.org/api_docs/python/tfdbg/watch_graph_with_blacklists): Add debug tensor watches, blacklisting nodes and op types.

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