TensorFlow   API r1.4

Module: tf.contrib.lookup

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Defined in `tensorflow/contrib/lookup/__init__.py` .

Ops for lookup operations.

Classes

`class HashTable` : A generic hash table implementation.

`class HasherSpec` : A structure for the spec of the hashing function to use for hash buckets.

`class IdTableWithHashBuckets` : String to Id table wrapper that assigns out-of-vocabulary keys to buckets.

`class InitializableLookupTableBase` : Initializable lookup table interface.

`class KeyValueTensorInitializer` : Table initializers given `keys` and `values` tensors.

`class LookupInterface` : Represent a lookup table that persists across different steps.

`class MutableDenseHashTable` : A generic mutable hash table implementation using tensors as backing store.

`class MutableHashTable` : A generic mutable hash table implementation.

`class StrongHashSpec` : A structure to specify a key of the strong keyed hash spec.

`class TableInitializerBase` : Base class for lookup table initializers.

`class TextFileIdTableInitializer` : Table initializer for string to `int64` IDs tables from a text file.

`class TextFileIndex`

`class TextFileInitializer` : Table initializers from a text file.

`class TextFileStringTableInitializer` : Table initializer for `int64` IDs to string tables from a text file.

Functions

`index_table_from_file(...)` : Returns a lookup table that converts a string tensor into int64 IDs.

`index_table_from_tensor(...)` : Returns a lookup table that converts a string tensor into int64 IDs.

`index_to_string(...)` : Maps `tensor` of indices into string values based on `mapping` . (deprecated)

`index_to_string_table_from_file(...)` : Returns a lookup table that maps a `Tensor` of indices into strings.

`index_to_string_table_from_tensor(...)` : Returns a lookup table that maps a `Tensor` of indices into strings.

string_to_index(...) : Maps **tensor** of strings into **int64** indices based on **mapping** . (deprecated)

string_to_index_table_from_file(...) : DEPRECATED FUNCTION

string_to_index_table_from_tensor(...) : DEPRECATED FUNCTION

Other Members

FastHashSpec

Last updated November 2, 2017.

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