TensorFlow   API r1.4

tf.contrib.lookup.KeyValueTensorInitializer

Class **KeyValueTensorInitializer**

Inherits From: **TableInitializerBase**

Defined in **tensorflow/python/ops/lookup_ops.py** .

Table initializers given **keys** and **values** tensors.

Properties

key_dtype

The expected table key dtype.

value_dtype

The expected table value dtype.

Methods

__init__

```
__init__(
    keys,
    values,
    key_dtype=None,
    value_dtype=None,
    name=None
)
```

Constructs a table initializer object based on keys and values tensors.

Args:

- **keys** : The tensor for the keys.

- `values` : The tensor for the values.
- `key_dtype` : The **keys** data type. Used when **keys** is a python array.
- `value_dtype` : The **values** data type. Used when **values** is a python array.
- `name` : A name for the operation (optional).

`initialize`

```
initialize(table)
```

Initializes the given **table** with **keys** and **values** tensors.

Args:

- `table` : The table to initialize.

Returns:

The operation that initializes the table.

Raises:

- `TypeError` : when the keys and values data types do not match the table key and value data types.

Last updated November 2, 2017.

Stay Connected

Blog

GitHub

Twitter

Support

Issue Tracker

Release Notes

Stack Overflow

English

Terms | Privacy