

tf.contrib.lookup.KeyValueTensorInitializer

Contents

Class `KeyValueTensorInitializer`

Properties

`key_dtype`

`value_dtype`

Methods

`__init__`

`initialize`

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.

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