TancarFlow

TensorFlow API r1.4

tf.keras.backend.variable

```
variable(
   value,
   dtype=None,
   name=None,
   constraint=None
)
```

Defined in tensorflow/python/keras/\_impl/keras/backend.py.

Instantiates a variable and returns it.

## Arguments:

- value: Numpy array, initial value of the tensor.
- dtype: Tensor type.
- name: Optional name string for the tensor.
- constraint: Optional projection function to be applied to the variable after an optimizer update.

### Returns:

```
A variable instance (with Keras metadata included).
```

## Examples:

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