

## tf.keras.backend.random\_uniform\_variable

```
random_uniform_variable(  
    shape,  
    low,  
    high,  
    dtype=None,  
    name=None,  
    seed=None  
)
```

Defined in [tensorflow/python/keras/\\_impl/keras/backend.py](#).

Instantiates a variable with values drawn from a uniform distribution.

### Arguments:

- **shape** : Tuple of integers, shape of returned Keras variable.
- **low** : Float, lower boundary of the output interval.
- **high** : Float, upper boundary of the output interval.
- **dtype** : String, dtype of returned Keras variable.
- **name** : String, name of returned Keras variable.
- **seed** : Integer, random seed.

### Returns:

A Keras variable, filled with drawn samples.

### Example:

```
# TensorFlow example  
>>> kvar = K.random_uniform_variable((2,3), 0, 1)  
>>> kvar  
<tensorflow.python.ops.variables.Variable object at 0x10ab40b10>  
>>> K.eval(kvar)  
array([[ 0.10940075,  0.10047495,  0.476143  ],  
       [ 0.66137183,  0.00869417,  0.89220798]], dtype=float32)
```

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