

tf.keras.backend.zeros_like

```
zeros_like(  
    x,  
    dtype=None,  
    name=None  
)
```

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

Instantiates an all-zeros variable of the same shape as another tensor.

Arguments:

- `x`: Keras variable or Keras tensor.
- `dtype`: String, dtype of returned Keras variable. None uses the dtype of `x`.
- `name`: String, name for the variable to create.

Returns:

A Keras variable with the shape of `x` filled with zeros.

Example:

```
>>> from keras import backend as K  
>>> kvar = K.variable(np.random.random((2,3)))  
>>> kvar_zeros = K.zeros_like(kvar)  
>>> K.eval(kvar_zeros)  
array([[ 0.,  0.,  0.],  
       [ 0.,  0.,  0.]], dtype=float32)
```

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