TancarFlow

TensorFlow API r1.4

tf.keras.backend.conv2d_transpose

```
conv2d_transpose(
    x,
    kernel,
    output_shape,
    strides=(1, 1),
    padding='valid',
    data_format=None
)
```

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

2D deconvolution (i.e.

transposed convolution).

Arguments:

- x: Tensor or variable.
- kernel: kernel tensor.
- output_shape : 1D int tensor for the output shape.
- strides: strides tuple.
- padding: string, "same" or "valid".
- data_format: "channels_last" or "channels_first". Whether to use Theano or TensorFlow data format for inputs/kernels/outputs.

Returns:

A tensor, result of transposed 2D convolution.

Raises:

• ValueError: if data_format is neither channels_last or channels_first.

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Last updated November 2, 2017.

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