

tf.keras.backend.spatial_3d_padding

```
spatial_3d_padding(  
    x,  
    padding=((1, 1), (1, 1), (1, 1)),  
    data_format=None  
)
```

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

Pads 5D tensor with zeros along the depth, height, width dimensions.

Pads these dimensions with respectively "padding[0]", "padding[1]" and "padding[2]" zeros left and right.

For 'channels_last' data_format, the 2nd, 3rd and 4th dimension will be padded. For 'channels_first' data_format, the 3rd, 4th and 5th dimension will be padded.

Arguments:

- **x**: Tensor or variable.
- **padding**: Tuple of 3 tuples, padding pattern.
- **data_format**: One of **channels_last** or **channels_first**.

Returns:

A padded 5D tensor.

Raises:

- **ValueError**: if **data_format** is neither **channels_last** or **channels_first**.

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