

## tf.contrib.layers.l1\_l2\_regularizer

```
l1_l2_regularizer(  
    scale_l1=1.0,  
    scale_l2=1.0,  
    scope=None  
)
```

Defined in [tensorflow/contrib/layers/python/layers/regularizers.py](#).

Returns a function that can be used to apply L1 L2 regularizations.

## Args:

- `scale_l1` : A scalar multiplier `Tensor` for L1 regularization.
- `scale_l2` : A scalar multiplier `Tensor` for L2 regularization.
- `scope` : An optional scope name.

## Returns:

A function with signature `l1_l2(weights)` that applies a weighted sum of L1 L2 regularization.

## Raises:

- `ValueError` : If scale is negative or if scale is not a float.

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