

## tf.keras.backend.sparse\_categorical\_crossentropy

```
sparse_categorical_crossentropy(  
    target,  
    output,  
    from_logits=False  
)
```

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

Categorical crossentropy with integer targets.

## Arguments:

- **target** : An integer tensor.
- **output** : A tensor resulting from a softmax (unless **from\_logits** is True, in which case **output** is expected to be the logits).
- **from\_logits** : Boolean, whether **output** is the result of a softmax, or is a tensor of logits.

## Returns:

Output tensor.

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Last updated November 2, 2017.

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