

tf.contrib.losses.hinge_loss

```
hinge_loss(  
    logits,  
    labels=None,  
    scope=None  
)
```

Defined in [tensorflow/contrib/losses/python/losses/loss_ops.py](#).

See the guide: [Losses \(contrib\)](#) > [Loss operations for use in neural networks](#).

Method that returns the loss tensor for hinge loss. (deprecated)

THIS FUNCTION IS DEPRECATED. It will be removed after 2016-12-30. Instructions for updating: Use `tf.losses.hinge_loss` instead. Note that the order of the logits and labels arguments has been changed, and to stay unweighted, `reduction=Reduction.NONE`

Args:

- `logits`: The logits, a float tensor.
- `labels`: The ground truth output tensor. Its shape should match the shape of logits. The values of the tensor are expected to be 0.0 or 1.0.
- `scope`: The scope for the operations performed in computing the loss.

Returns:

An unweighted **Tensor** of same shape as `logits` and `labels` representing the loss values across the batch.

Raises:

- **ValueError**: If the shapes of `logits` and `labels` don't match.

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