TensorFlow   API r1.4

tf.arg_max

```
arg_max(
    input,
    dimension,
    output_type=tf.int64,
    name=None
)
```

Defined in `tensorflow/python/ops/gen_math_ops.py` .

Returns the index with the largest value across dimensions of a tensor. (deprecated)

THIS FUNCTION IS DEPRECATED. It will be removed in a future version. Instructions for updating: Use `argmax` instead

Note that in case of ties the identity of the return value is not guaranteed.

Args:

- `input` : A `Tensor` . Must be one of the following types: `float32` , `float64` , `int64` , `int32` , `uint8` , `uint16` , `int16` , `int8` , `complex64` , `complex128` , `qint8` , `quint8` , `qint32` , `half` .
- `dimension` : A `Tensor` . Must be one of the following types: `int32` , `int64` . int32 or int64, must be in the range `[-rank(input), rank(input))` . Describes which dimension of the input Tensor to reduce across. For vectors, use dimension = 0.
- `output_type` : An optional `tf.DType` from: `tf.int32, tf.int64` . Defaults to `tf.int64` .
- `name` : A name for the operation (optional).

Returns:

A `Tensor` of type `output_type` .

Last updated November 2, 2017.

Stay Connected

Blog

GitHub

Twitter

Support

Issue Tracker

Release Notes

English