tf.keras.applications.inception_v3.decode_predictions

Contents

Aliases:

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- `tf.keras.applications.vgg19.decode_predictions`
- `tf.keras.applications.xception.decode_predictions`

```
decode_predictions(
    preds,
    top=5
)
```

Defined in `tensorflow/python/keras/_impl/keras/applications/imagenet_utils.py`.

Decodes the prediction of an ImageNet model.

Arguments:

- `preds`: Numpy tensor encoding a batch of predictions.
- `top`: integer, how many top-guesses to return.

Returns:

A list of lists of top class prediction tuples `(class_name, class_description, score)`. One list of tuples per sample in batch input.

Raises:

- `ValueError`: in case of invalid shape of the `pred` array (must be 2D).

Last updated November 2, 2017.

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