

tf.image.draw_bounding_boxes

```
draw_bounding_boxes(  
    images,  
    boxes,  
    name=None  
)
```

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

See the guide: [Images > Working with Bounding Boxes](#)

Draw bounding boxes on a batch of images.

Outputs a copy of `images` but draws on top of the pixels zero or more bounding boxes specified by the locations in `boxes`. The coordinates of the each bounding box in `boxes` are encoded as `[y_min, x_min, y_max, x_max]`. The bounding box coordinates are floats in `[0.0, 1.0]` relative to the width and height of the underlying image.

For example, if an image is 100 x 200 pixels (height x width) and the bounding box is `[0.1, 0.2, 0.5, 0.9]`, the upper-left and bottom-right coordinates of the bounding box will be `(40, 10)` to `(100, 50)` (in (x,y) coordinates).

Parts of the bounding box may fall outside the image.

Args:

- `images`: A **Tensor**. Must be one of the following types: `float32`, `half`. 4-D with shape `[batch, height, width, depth]`. A batch of images.
- `boxes`: A **Tensor** of type `float32`. 3-D with shape `[batch, num_bounding_boxes, 4]` containing bounding boxes.
- `name`: A name for the operation (optional).

Returns:

A **Tensor**. Has the same type as `images`. 4-D with the same shape as `images`. The batch of input images with bounding boxes drawn on the images.

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Last updated November 2, 2017.

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