

tf.contrib.meta_graph_transform.meta_graph_transform.meta_graph_transform

```
meta_graph_transform(  
    base_meta_graph_def,  
    input_names,  
    output_names,  
    transforms,  
    tags,  
    checkpoint_path=None  
)
```

Defined in [tensorflow/contrib/meta_graph_transform/meta_graph_transform.py](#).

Apply the Graph Transform tool to a MetaGraphDef.

Args:

- `base_meta_graph_def` : A MetaGraphDef protocol buffer to transform.
- `input_names` : Names of input nodes.
- `output_names` : Names of output nodes.
- `transforms` : A list of strings naming the graph transforms to be applied in order. These transform names are exactly those supported by the Graph Transform Tool, with the addition of the 'freeze_graph' and 'sparsify_gather' transforms.
- `tags` : A list of tags with which to annotate the transformed MetaGraphDef.
- `checkpoint_path` : A path to a checkpoint to restore during freezing, if needed (default None).

Returns:

A new transformed MetaGraphDef protocol buffer.

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