tf.contrib.graph_editor.compute_boundary_ts

```
compute_boundary_ts(ops)
```

Defined in `tensorflow/contrib/graph_editor/select.py`.

See the guide: Graph Editor (contrib) > Module: select

Compute the tensors at the boundary of a set of ops.

This function looks at all the tensors connected to the given ops (in/out) and classify them into three categories: 1) input tensors: tensors whose generating operation is not in ops. 2) output tensors: tensors whose consumer operations are not in ops 3) inside tensors: tensors which are neither input nor output tensors.

Note that a tensor can be both an inside tensor and an output tensor if it is consumed by operations both outside and inside of `ops`.

Args:

- `ops`: an object convertible to a list of tf.Operation.

Returns:

A tuple `(outside_input_ts, outside_output_ts, inside_ts)` where: `outside_input_ts` is a Python list of input tensors; `outside_output_ts` is a python list of output tensors; `inside_ts` is a python list of inside tensors. Since a tensor can be both an inside tensor and an output tensor, `outside_output_ts` and `inside_ts` might intersect.

Raises:

- `TypeError`: if ops cannot be converted to a list of tf.Operation.

English