

tf.add_check_numerics_ops

```
add_check_numerics_ops()
```

Defined in [tensorflow/python/ops/numerics.py](#).

See the guide: [Control Flow > Debugging Operations](#)

Connect a `check_numerics` to every floating point tensor.

`check_numerics` operations themselves are added for each `half`, `float`, or `double` tensor in the graph. For all ops in the graph, the `check_numerics` op for all of its (`half`, `float`, or `double`) inputs is guaranteed to run before the `check_numerics` op on any of its outputs.

★ **Note:** This API is not compatible with the use of [tf.cond](#) or [tf.while_loop](#), and will raise a `ValueError` if you attempt to call it in such a graph.

Returns:

A `group` op depending on all `check_numerics` ops added.

Raises:

- `ValueError`: If the graph contains any numeric operations in a control flow structure.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

Stay Connected

[Blog](#)

[GitHub](#)

[Twitter](#)

Support

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

English

[Terms](#) | [Privacy](#)