TensorFlow and Docstring Contribute to the TensorFlow downentation

- · Tensorflow welcomes documentation contributions
- *Documentation on tensorflow.org falls into the following categories:
 - · API reference.
 - · generated from docstring in the TensorFlaw Source code
 - · Narrative documentation
 - · Tutorials, guide, and other writing that's not of the Tensorflow code. This documentation is in the tensorflow/docs Gittlub repo
 - · Community translation
 · Guides and tutorials translated by
 Community.
- Dome Tensor Flow projects keep documentation near code in a seperate repo, usually in docs / directory

version and branches

- · API reference version defaults to the latest stalde binary
- · detault Tensorflow package is form the Stable branch rX.x in the main tensorflow/ tensorflow repo.

Build API docs

· Step is not required to edit or preview API docstring, only to generale the HTML used on tensor flow.org

Python Reference.

"A script uses the installed TensorFlow package to generate does and only works for Tensorflow 2.x.

Nariative Documentation

- · written as Markdown files 8 interactives (jupyter Notebooks)
- ·Narrative docs on tensorflow.org are boilt from
- · Note books can be run in browse Set up a local Git repo
- · For mutiline/file or Simple changes more complex updales can be made Fork tensorflow/docs repo using Githulus web loased file edulor
 - ·on tensorflow/docs github click fork button

clone your repo

· download a copy remole username/dass on local machine

Add, an upstream reporto keep up b date (optional)

Interactive Notebooks

is a hoster notebook · Google colaboratory

Notebook Formatting

- · A notebook formatting tool Makes Jupyler notebook source diffs consistent and easier to review
- · Tensor Plan docs projects, notebooks without output cells are published as is

Edit in Colab

- · Google Colab environment
- · double-chick cells to edit text 3 code
- · Fext cells use mark down B should follow the tensorFlow does style guide.

Contribute to the TensorFlow API documentation

Testable docstring
Tensor Flow uses DocTest to test code Snippet
in Python docstring

in Pythan docstring
snippet must be executable Pythan coole

· Docstrings use backticks (") to identify

- · Remove the backticks 3: use the left brackets (>>>) infront of each line

 · Add a new line to seperate Doctest
- Snippets from Markdown lest to render
 properly on tensorflow.org

 Customization

 · rensorflow uses a new customization to
 - · Doesn't compare float values as lext · Froat values are extracted from the text and compared using all close with
 - · Chearer docs Authors don't need to
 - · More Poloust lest include all decinal places

 Numerical change in

 the Underlying implementation should never

 cause a docket to

only checks output if the author includes output for a line

Decetting Considerations

- *Overall: The goal of dockest is toprovide documentation, and confirm that the documentation works. This is different from unit Testing
 - · Keep examples simple
 - · Avoid long or compliated outputs
 - use rand humbers if possible