Let this document define the conventions to be used for report generation using report\_generator.py

All files are assumed to live in the same directory as report\_generator.py unless an argument is passed pointing to an alternative directory.

The plan is to make a separate plot\_generator.py that will provide a GUI to create plots.csv files

Files

info.csv

template.docx

plot.csv

touchstoneFiles.s4p

Command Line Parameters

C:\>python r “C:\path\to\info\”

C:\>python t “C:\path\to\template\”

C:\>python p “C:\path\to\plot\”

C:\>python ts “C:\path\to\touchstone\directory\”

If any of these parameters are absent, they are assumed to be in the same directory as report\_generator.py

Info -> Template

info.csv contains two columns. The left column contains keys, and the right column contains values. Keys are to be used as Tags in the template, and will be replaced as they match.

template.docx is a normal template. Use double curly braces and one space on either side (but no spaces in the tag) to set a tag as follows: {{ ValidTag }}

info.csv also has tags in the first column <PORT> and </PORT> as well as <DUT> and </DUT>. Those tags will surround tables. Those tables will be put into the template as well.

The tag {{ TestSummary }} is where the plots end up.

Keep .csv files in .csv format