File Open Performance Run

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# **PREREQUISITES**

Following software need to be install to run File open performance tool:

* Git
* node
* Python 2.7 +

# **SOURCE CODE LOCATION**

* We have added the c2c code at scratch/c2cTestFramework, please take the c2c code base from [here](https://quickoffice-internal.googlesource.com/html-office/+/scratch/c2cTestFramework)
* For running file open performance, download the “measurePerformance.py” and “prop\_parser.py” file from **scrach/TETools** branch which is located [here](https://quickoffice-internal.googlesource.com/html-office/+/scratch/TETools/te-tools/performance/) -

**Note**: “measurePerformance.py” and “prop\_parser.py” files must reside in same directory

# **CODE ORGANIZATION/ARCHITECTURE**

<TBD>

# **HOW TO SETUP**

Install following software on machine:

* Install git
  + On MAC - brew install git
  + On Ubuntu - sudo apt-get install git-core
* Install node
  + On MAC - brew install node
  + On Ubuntu - install it form link - <http://howtonode.org/how-to-install-nodejs>
* Install Python 2.7 +
* Clone the HTML repo -

>git clone <https://quickoffice-internal.googlesource.com/html-office>

* On html repo root directory, use following command to switch on **scratch/c2cTestFramework** branch -

>git checkout scratch/c2cTestFramework

* Now you should be on **scratch/c2cTestFramework** branch.
* Replace html-office/crx/app with target crx’s app(i.e. build across you want to run the file open performance) folder
* Download the the “measurePerformance.py” file from **scrach/TETools** branch which is located [here](https://quickoffice-internal.googlesource.com/html-office/+/scratch/TETools/te-tools/performance/) -
* Create a local property File “c2cprop.txt” and put it at any location. Refer sample property [file](https://docs.google.com/a/synerzip.com/file/d/0B14YezqF0VKPLWRaRjdSYkZfUTA/edit) -

Following are the properties name present in the property file -

*----------------------------------------------------------------------------------------------------*

***baseBuild****:* <QO build location against which baseline data is captured>

**newBuild**: <Compare QO build location which is to be tested, use same path which is used in the **baseBuild** for File open performance>

**rootDir**: <output dir where generated data and report is to be stored>

**msImageDir**: <location of Microsoft images for reference, this images are not require for file open performance. However this property file is require for C2C framework, hence you can put any dummy path >

**baseImageDir**: <location where baseline data is available,this images are not require for file open performance. However this property file is require for C2C framework, hence you can put any dummy path>

**testFileDir**: <location of test data>

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# **HOW TO RUN**

>python measurePerformance.py <path of property File “c2cprop.txt”> <Number of iteration to be run\*>

example - >python measurePerformance.py /user/synerzip/c2cprop.txt 2

**note: \***If you give the number of iteration as 2, then the tool will run two times for each file and calculate the average time of the two runs.

# **TEST DATA USED**

Please find the test data that we have been using for weekly run [here](https://drive.google.com/a/synerzip.com/#folders/0B14YezqF0VKPU3dOODhxZ0wtWFk)

# **LINK TO REPORT**

File open performance weekly report tracked [here](https://docs.google.com/a/synerzip.com/spreadsheet/ccc?key=0As9GKuLYU7jGdEwxam1VVXRtcHZ1ek1SQUlEWFlfekE&usp=drive_web#gid=15)

# **NOTES**

In order to change test data location you can update “c2c\_prop.txt” file.