EWOK Image Generation For Quickoffice Chrome

# **PREREQUISITES:**

This tool supports Ubuntu and MAC OS, following software need to be installed:

* Git
* node
* iMac (in order to get better resolution)

# **HOW TO SETUP:**

Install following software on machine:

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

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

On root directory(html-office) fire following command to switch on

scratch/c2cTestFramework branch > **git checkout scratch/c2cTestFramework**

* Create a local property File “prop.txt” and put it at any location. Refer sample property [file](https://docs.google.com/a/synerzip.com/document/d/1eifv7kuEjoSTMHuAbskrstM5Sbr7Tp6A9m6kSzFhkQM/edit) , following are the properties present in the file -

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***baseBuild****:* <QO build location>

**baseImageDir**: <location where generated images will be stored>

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

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*baseBuild:/Users/synerzip/base-html-office/crx*

*baseImageDir: /Users/synerzip/images*

*testFilesDir:/Users/synerzip/testFiles*

# **TAKING EWOK SCREENSHOTS**

We take screenshots for different platform like QOC, GDOCS, iWork etc as part of EWOK image generation. We can find the specific requirement for EWOK image generation [here](https://docs.google.com/a/synerzip.com/spreadsheets/d/10N7ayhH8iPg7Z2ZP56o-ijPLdlNtFj9TI0vFgZmxso0/edit#gid=1588133284).

For QOC we uses c2c test framework to take screenshots. As per EWOK requirement we have to take screenshot on specific dimension for better image clarity. To get the specific dimension please change the window size dimension in the file “chrome.js” (html-office/crx/e2eTests/src/launchers/Chrome.js)

* 1. For Point - '--window-size=1239,1067'
  2. For Word - ‘--window-size=max,max’ (also need to rotate the screen to 90 degree )
  3. For Sheet - We have to take screenshots in full screen mode so set property as '--kiosk'

# **How to Run:**

Once above setting are done, go to the following directory in source code

cd ../html-office/crx/e2eTests/c2cTests/report

To get EWOK screenshots run following command.

> python generate\_report.py <prop.txt file path> EWOK

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