Image Generation for Gdocs

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# **PREREQUISITES**

It runs on Windows,Ubuntu and Mac.But for required resolution run it on :

* MacBook Retina
* iMac
* Java 1.7
* Ant

# **SOURCE CODE LOCATION**

[scratch/ewokTools: html-office/PuneTETools/EWOK/GdocsIworkImageGeneration](https://quickoffice-internal.googlesource.com/html-office/+/scratch/ewokTools/PuneTETools/EWOK/GdocsIworkImageGeneration/)

# **CODE ORGANIZATION/ARCHITECTURE**

# **HOW TO SETUP**

Install following software on machine:

* Install git
  + On MAC - brew install git
  + On Ubuntu - sudo apt-get install git-cor
* 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/scratch/ewokTools** branch -

> git checkout scratch/scratch/ewokTools

* Now you should be on **scratch/scratch/ewokTools** branch.

# **HOW TO RUN**

1. **Word [ MacBook Retina]**
2. Login to google drive using ext1.mtbc.qo@[gmail.com / external123](http://gmail.com/external123)
3. Upload ewok documents with conversion to EWOK folder
4. In gdocs-config.properties file set appropriate values for ScreenshotFormat, NoOfSlidesSheetsOrPages, SetDocumentZoom
5. ScreenshotFormat value should be either PNG or PDF
6. NoOfSlidesSheetsOrPages value should be number ex. 10 or ALL
7. In order to get screenshots of required resolution rotate the screen by 90 degrees.
8. Change directory to /**html-office/PuneTETools/EWOK/GoogleImageCapture**  and execute following command:

**ant**

1. Provide the command line argument as **gdocs**
2. This will generate the screenshots of required resolution in **Screenshots** folder
3. **Sheet & point [iMac]**
4. Steps 1..5 same as Word
5. Screen rotation is not required.
6. Change directory to /**html-office/PuneTETools/EWOK/GdocsIworkImageGeneration**  and execute following command:

**ant**

1. Provide the command line argument as **gdocs**
2. This will generate the screenshots of required resolution in **Screenshots** folder.

# **NOTES**

* **Limitations**

1. For word screenshot generation the code which was working previously is now giving problem while scrolling the pages.While scrolling beyond 2-3 pages it changes the dom (document page contents gets shifted and blank screenshot is generated). Current alternative is PDF export.So while generationg screenshots for word make value of ScreenshotFormat as PDF in config properties file.