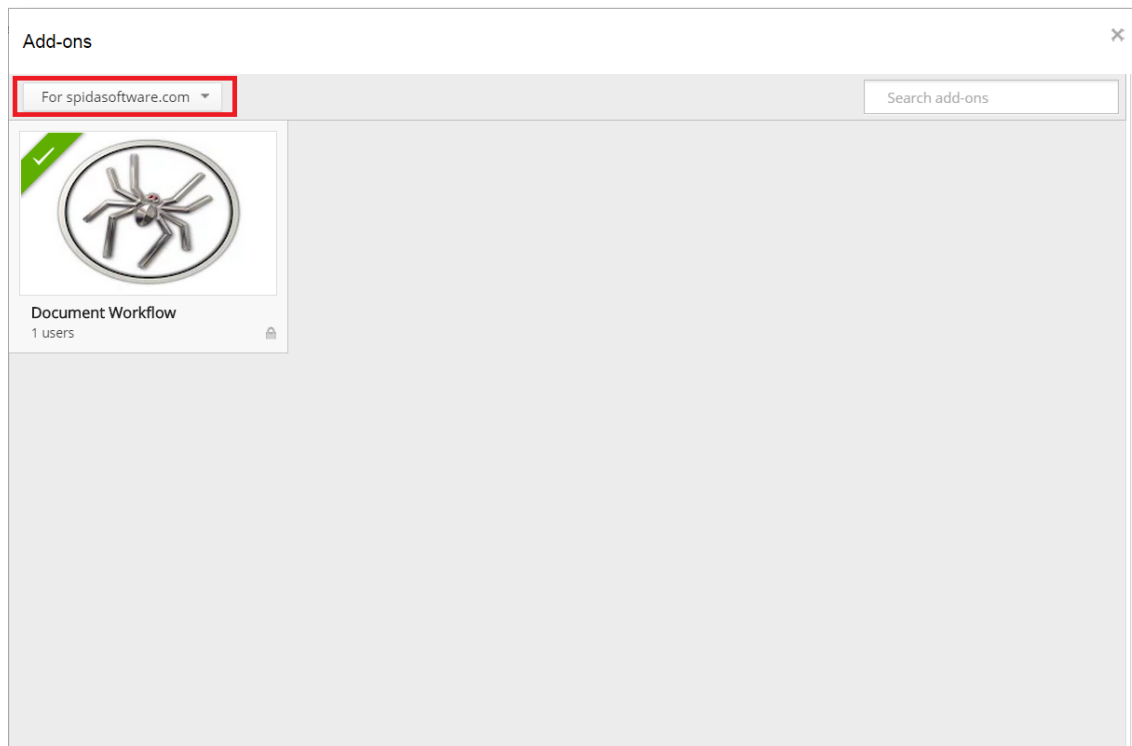# Workflow Document Generator ReadMe

Installing the Google-docs add-on

1. Create a google drive if you do not already have one (You must be a member of the spidasoftware domain to find it).

2. Open a new document in google docs.

3. Click on the "Add-ons" tab, then "Get add-ons...".x

4. In the web store, in the left dropdown menu, pick "For Spidasoftware.com" and find the add-on titled "Document Workflow" and install it.

MAC OSx USERS:

*Optional but recommended: Install homebrew first. It will make the download process much easier. (http://brew.sh/)

1. Install Python version 2.7 or higher if you do not already have it
    `brew install python`

2. Install Phantomjs version 1.9.8 (DO NOT choose a version above 1.9.8)
    `brew install phantomjs198`

3. Install Casperjs version 1.1 beta or higher.
    `brew install casperjs –devel`

4. If you are running Java 7 or earlier, then install Java 8 by going to:
http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html and downloading the Mac OS X x64 download, and following the install wizard. *You can check which version of Java you have by typing `java –version` in a terminal and seeing if it is 1.7… or 1.8…

5. Unzip the flowdocument.zip file into a location of our choosing.

6. Inside of flowdocument directory, right click the file called GenerateWorkflow.command and "Make Alias". Then rename this alias to anything you want and drag it somewhere convenient to you like you apps folder or desktop (or leave it where it is if you want, in which case you don't need to make an alias). You can double-click this to run the app after setup is complete.

7. In a terminal type `chmod +x gradlew`

To run the app:

1. Double-click the shortcut file from App-setup step 5. *Alternatively,* you can use the commandline and change directories to wherever you stored 'flowdocument', and type `./gradlew run` to start the app. It may take a while the first time you open it because it is downloading dependencies.

2. Go to the workflow page where you created your workFlow. (i.e. demo.spidastudio or spidasoftware.com etc.)

3. Note the exact syntax of the company name you log into to get to the flow. If you do not have to change companies, then the company name is 'SPIDA'.

4. Press download on your workflow.

5. In the "Main" tab, drag your downloaded workflow file to the appropriate area and let go. Then fill in the company name noted in step 3 and then press the "Generate Documents" button to begin gathering screenshots of all of the forms and actions, and create a browsable webpage of the workflow.

6. The program will then go and all the proper resources and you should see forms/actions turning orange and then green once they are all complete.

7. Once both the action and form loading bars are full, click the "Export Results" button which will do 3 things:

     Creates a folder on your desktop called ExportToGoogleDrive

     Opens a navigable html form of the workflow documentation

     Opens the google drive homepage where you can sign in

8. Inside of "My Drive" create a new folder for the workflow, and name it whatever you like. Do not name it something that is already in your MyDrive folder however. This name will be prompted later, so remember it.

9. Click into this folder and then open up the "ExportToGoogleDrive" folder on your desktop and drag the "Resources" folder within it into the newly created folder in your Google drive.

10. This upload will take a while, because Google apparently has severely limited upload speed inside Google drive.

11. Once the folder is uploaded fully, open up a new Google doc, and use the previously installed Google doc add-on to create the Event, Action, and Form document templates. When prompted for folder name, it is whatever you named it in step 8. This process may take up to a few minutes for very large flows.

1. If there are missing forms or actions, they will appear as red in the action or form tab. It is likely that an internet slowdown or interruption caused a page not to load, and you should run the program again and see if that captures them all. If they are missing again. Then check the website to see if there is an issue at spidasoftware for those actions/forms. Otherwise, you will have to just manually take screenshots.

2. In your Google drive, if you get an error about 'invalid image data' or otherwise, this is likely just because even though the drive says it has finished uploading all the files, the images are not actually rendered quite yet. Wait another 2 minutes or so and try again.

3. Some syntax in Event/action/form names could potentially stop the successful capture of some documents. If there are errors in capturing all documents, try and look through the names and change names to avoid characters like %+^<>$*&[]=;@#!~ .