Installation Guide

1. Clone Github repository to location of choice

**Note:** Make sure file path does not have any spaces.

1. Download GoogleNews-vectors-negative300.bin from <https://drive.google.com/file/d/0B7XkCwpI5KDYNlNUTTlSS21pQmM/edit>

**Note:** This file is 3GB big

1. Place GoogleNews-vectors-negative300.bin into “DialogFlow” folder
2. Install system with Python 3.8.2.
3. Run “install.bat” to install all required python packages
4. If using own account and not the credentials provided, will need to import SmartLibrarian agent through the zip file provided in Github. If test is to be done on Google Assistant, integration setup with Google Assistant needs to be done under “Integrations” tab.

DialogFlow link: <https://dialogflow.cloud.google.com/>

For the provided credentials, all setup in dialogflow is done, including Google Assistant integration

1. Log in to gmail account using tagui browser which is used to send the NLB email

User Guide

1. Run “ngrok.bat”. Extract https tunnel link
2. Paste and save https link into dialogflow fulfillment <https://dialogflow.cloud.google.com/#/agent/librarian-qusu/fulfillment>
3. Run “run.bat”

**Note:** Webhook takes ~6mins to initialize the models

1. SmartLibrarian is ready for use!
2. **[Test Platform]** Try it out using DialogFlow test console or, download Google Assistant on your device, log in using respective credentials, and initialize the agent by typing/saying “Talk to Smart Librarian”
3. **[Email Recipient]** By default, email recipient is set to the gmail account that is logged in. To change the email recipient of the results of the NLB search, go to “DialogFlow” folder and add in the email address in “email\_recipient.txt”