
navi framework Documentation

Release 0.1.0

Leonardo Sampaio Ferraz Ribeiro

Sep 15, 2017

Contents:

1	Guiding Principles	3
2	Install	5
3	5min Starting Guides	7



Navi is an open and free high-level framework that aims to make building smart chatbots and personal assistants easy, friction-less and fun.

In general terms, think about how awesome would it if you could build your own Siri, Alexa or Google Assistant in a *free, open* and *controlled-by-you* way. Navi integrates all necessary services into a consistent and fluid architecture to help you reach that goal.

Currently, Navi is compatible with **Python 2.7**, but support for Python > 3 is planned.

CHAPTER 1

Guiding Principles

- **Fun.** Working with the Navi framework should be a fun experience. It should make the design of a smart assistant easy to do, to test and to understand and explain
 - **User friendly.** Navi is designed to get you from idea to prototype fast by offering consistent, coherent and well-documented API's
 - **Modular.** Bots and assistants created with Navi should be easily shareable in parts or wholes. This way developers can build a community and grow together
 - **Extensible** Integrating new messaging and conversational platforms to Navi should be an easy task and done constantly.
-

CHAPTER 2

Install

To install only the core of navi, use:

```
pip install navi
```

But the best part of navi lies within its service extensions, we currently support *Telegram Messaging*; *Snowboy Hotword Detection*; *Wit.ai Natural Language Processing*; and *Speech Recognition* services from many providers. Install the required dependencies for each by including the name of your desired extension with the install command, like so:

```
pip install navi[SpeechRecognition, HotwordDetection, Telegram, Wit]
```

CHAPTER 3

5min Starting Guides

Coming soon...