

Leon

Leon is an open-source personal assistant who can live on your server.

Capabilities :

Actions

Answers

API ([HTTP API](#) / [WebSocket API](#) / [Python library API](#))

ASR (*Automatic Speech Recognition*)

Brain

Classifier

Expressions

Modules

NLU (*Natural Language Understanding*)

Packages

Synchronizer

STT (*Speech-To-Text*)

TTS (*Text-To-Speech*)

How we can do :

- [Creating a new module](#).
- [Working on new features](#) (what is in backlog or todo).
- [Suggesting new ideas](#).
- [Reporting a bug](#).
- [Improving the documentation](#) (translations, typos, better writing, etc.).

Activities

Terminal

17:10 7 جولي

en

Leon

Introduction | Leon

localhost:1337

starttrj@starttrj-Lenovo-Ideapad-300-15ISK: ~/leon

Searching for entities...

No entity found

...

LEON PACKAGE ::

```
{
  "package": "leon",
  "module": "randomnumber",
  "action": "run",
  "lang": "en",
  "input": "Give me a random number",
  "entities": [],
  "output": {
    "type": "end",
    "codes": ["success"],
    "speech": 92,
    "options": {}
  }
}
```

...

LEON ::

Talking...

...

SOCKET ::

webapp emitted: leon

...

NLU ::

Processing...

...

LEON ::

Talking...

...

Sorry, I still don't know this, but you can help me to understand by [creating a pull request](#).

hi leon

Hey you!

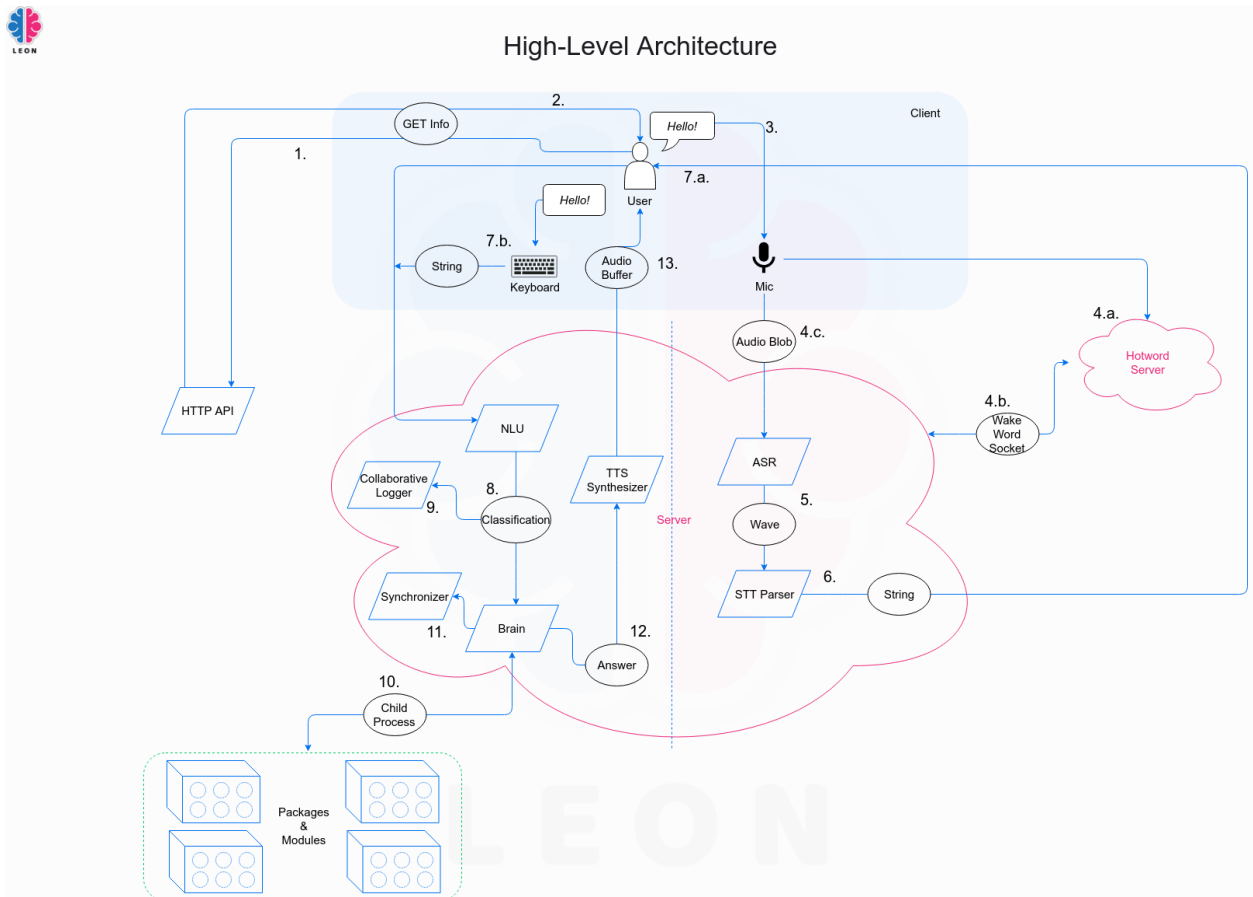
give me a random number

92

Use ↑ ↓ to browse history; ← to submit; alt + t to listen.

v1.0.0-beta.4

Collaborative logger enabled, thank you.



Data

Tourist-Guide-Chatbot(ToGu) :

One of the important use of chatbot is as a tourist guide. It will help in providing information about an unknown city to the user. Information like important monuments in the city, famous foods, travel mode, etc. can be found easily.

Step for getting started with any kind of chatbot :

- Setting up Environment
- Text Gathering
- Text cleaning
- Word Embedding
- Generating answer
- Conversation

Metalwoz :

This large dataset was created by crowdsourcing 37,884 goal-oriented dialogs, covering 227 tasks in 47 domains. Domains include bus schedules, apartment search, alarm setting, banking, and event reservation.

The goal was to automate the user utterances so domain-specific dialog systems are easier to train, requiring less domain-specific data.