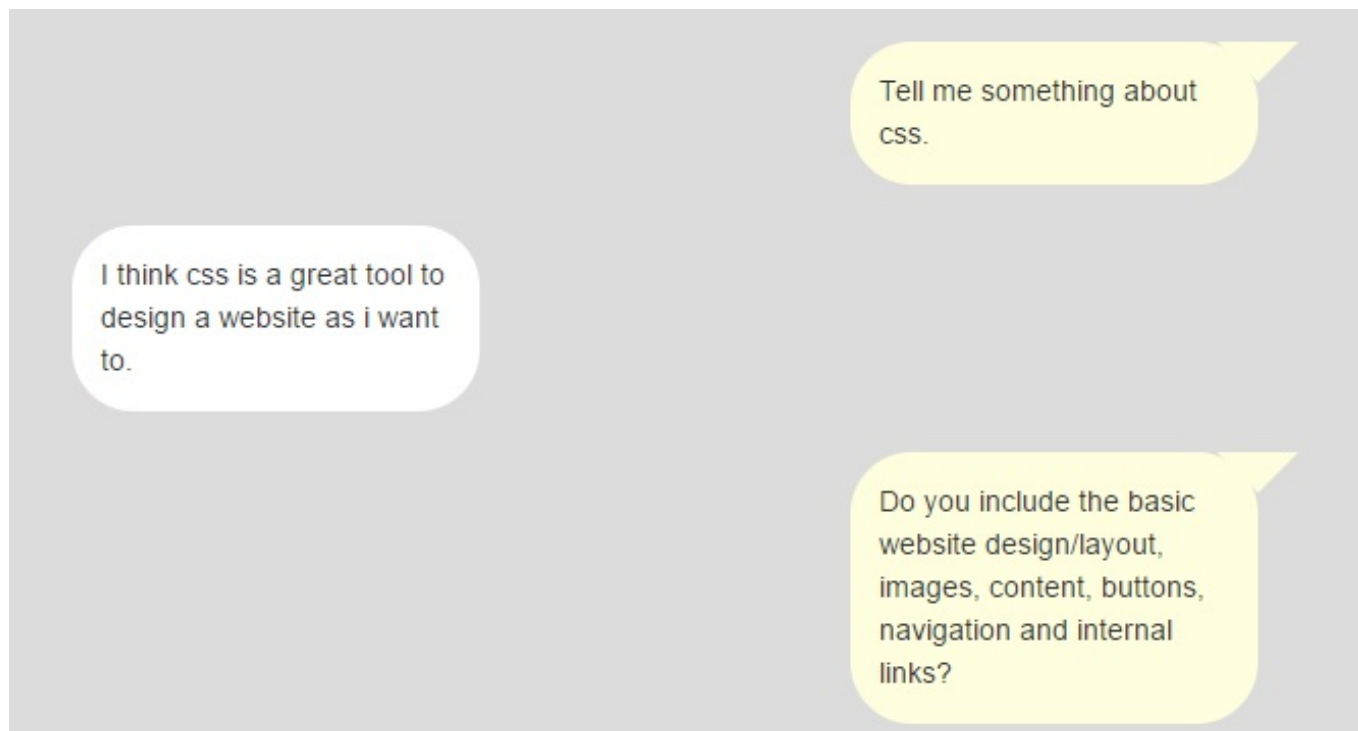# PIVOT. Bots

PIVOT. Bots is a framework to create chatbot-based automatic assessments.

The bots learn from domain-specific text you provide by extracting keywords and questions.

In the dialogue later, they evaluate users based on measuring associated sentiments in the answers given.

Features

- Create, import or export separate profiles and bots.
- Teach bots with domain-specific corpora.
- Generate and/or retrieve questions with extracted data.
- Assess during interaction by sentiment analysis.
- In-depth graphical result presentation.

Run

You need [Java](#) (Win/Unix) installed.

Run the webapp (port 9000) with the standalone jar-file

```
java -Dninja.port=9000 -Dninja.mode=test -jar pivot-bot-1
.0.jar
```

And call http://localhost:9000.

To use a pre-trained bot, import the included **FroBa**.db file. It assesses your affinity to either backend or frontend dev.

Build from source

You need [Apache Maven](#) (Win/Unix) installed.

In the project directory, use

```
mvn clean package
```

After that, you find the created jar file in */target*

To run the project in dev mode (hot reload), use

```
mvn ninja:run -Dninja.port=9000
```

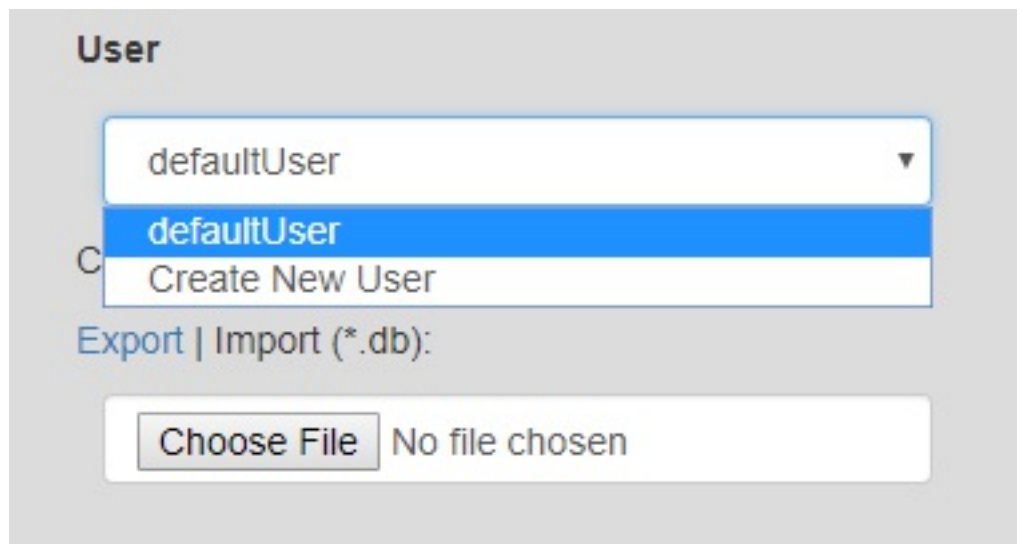For futher configuration (e.g. ssl for prod mode) and deployment options (e.g. as servlet), see

http://www.ninjaframework.org/documentation/deployment/ninja_standal

Usage

/settings

First, create a new user and a new bot to identify your progress.

You may export or import a *.db file to other systems.

/learning

Let your bot learn domain-specific texts for question generation and sentiment analysis.

Category:

Create New Category ▼

Front-End

Corpus:

A front-end developer is a programmer that codes the front end of a website. Typically, the front-end developers job is to convert website design files into raw HTML, JavaScript (JS) and/or CSS code. This includes the basic website design/layout, images, content, buttons, navigation and

/dialogue

Speak to your bot. If you don't understand a question, it will be skipped and doesn't influence the assessment further.
The more the bot learns, the more the right side resembles a brain.
Teach him/her thoroughly!

defaultBot

Hello defaultUser! I want to ask you some questions.

Chat: Yeah. Go ahead!   Enter

"I don't understand the question."

Now fly, you fools!