https://1.101.fr

Last week TD

bundle install --path="vendor/bundle"

 # generate a new user scaffold
bin/rails generate scaffold User name:string

 # generate a new message scaffold (link to user)
bin/rails generate scaffold Message text:string user:references

 # migrate the database
bin/rake db:migrate

test the Rails App

```
# in a new terminal
cd ~/Developer/messenger
bin/rails server
```

launch an IDE

Sublime

show logs

```
# in a new terminal
cd ~/Developer/messenger
tail -f log/development.log
```

disable proxy for localhost

export no_proxy=localhost,127.0.0.1
export NO_PROXY=localhost,127.0.0.1

create a new user

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"name":"Hugues"}' \
  http://localhost:3000/users
```

create a new message link to the user

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"text":"text", "user_id": 1}' \
  http://localhost:3000/messages
```

get messages

curl --request GET http://localhost:3000/messages

http://localhost:3000/messages

Chat message

We want our messages to belongs to a chat

 # generate scaffold for our new message
bin/rails generate scaffold Chat name:string user:references

 # generate a migration to associate message with chat
bin/rails generate migration AddChatToMessage chat:references

 # drop/create the db before applying all the migration
bin/rake db:migrate:reset

(re)create a user

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"name":"Hugues"}' \
  http://localhost:3000/users
```

create a chat

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"name":"Chat", "user_id": 1}' \
  http://localhost:3000/chats
```

create a message link to a chat

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"text":"Hello", "user_id": 1, "chat_id": 1}' \
  http://localhost:3000/messages
```

{"chat":["must exist"]}
update message controller

create another chat

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"name":"Another Chat", "user_id": 1}' \
  http://localhost:3000/chats
```

create another message

```
curl --header "Content-Type: application/json" \
  --request POST \
  --data '{"text":"Hello", "user_id": 1, "chat_id": 2}' \
  http://localhost:3000/messages
```

fetch all messages

curl --request GET http://localhost:3000/messages

http://localhost:3000/messages

fetch messages of a specific chat

update message controller to fetch only the message of a specific chat

curl --request GET http://localhost:3000/messages?chat_id=1

http://localhost:3000/messages?chat_id=1

RESTful

> *update message controller to be more RESTful*

> *http://localhost:3000/chats/1/messages*