Chatbot Workshop

Let's have some fun with chatbots!

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Introduction
About me

- **Scrum Master**
  CSS Insurance
- **Software Engineer**
  CSS Insurance, Open Source Software
- **Lecturer**
  TEKO Swiss Technical College
- **Speaker**
  Conferences, User Groups, Meetups
- **Author**
  Articles, Books
- **Community Leader**
  Hackergarten, Java User Group Switzerland, Kotlin Swiss User Group, Voxxed Days Zürich, BaselOne
Coming soon*

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Packt Publishing
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* around Q3/2018
Chatbots
What makes chatbots unique?

Chatbots...

- are super easy to use.
- have a personality and can be sympathetic.
- don't just give answers, they perform actions.
- can actively resume calls.
- can be achieved with a relatively small budget.
- can be active on multiple platforms.
- provide the best insights into the user's emotional state.
Examples

Use a chatbot to...

- play a game or discuss your mental problems.
- order something to eat or reserve a table.
- create and remove virtual machines without calling a system administrator.
- log your work data and monitor your overtime and vacation days.
- handle frequently asked questions to reduce your call center load.
- monitor your infrastructure and inform relevant people of outages.
- communicate with your customers "in real time", e.g. ask for missing documents.
Chatbot Platforms

And many more!
Today

What you're gonna learn today:

- The technical base
- Receiving and sending messages
- Receiving and sending photos
- Using own keyboards (buttons)
- Formatting messages
- Writing automated tests

What you won't learn today:

- Natural Language Processing (NLP)
- Artificial Intelligence (AI)
Credits

This workshop relies heavily on the Java Telegram API hosted on GitHub:

https://github.com/rubenlagus/TelegramBots

Thank God they have such a great Wiki!
Prerequisites

You need...

- Java 8 installed and ready to use on your computer
- An IDE you are familiar with
- A Telegram account (tip: use your mobile phone to create one)
- A Telegram client (mobile, web or desktop app)
- Internet access
- Enough battery power for the workshop (or a power cable)
Workshop Time!

https://github.com/chatbot-workshop/java-telegram-workshop
You ever dreamed of living in Switzerland?
Code Warriors wanted!

About you

● You are frighteningly awesome at what you do.
● You can perform quick and deadly tactical strikes, as well as feats of epic badassery. Sometimes both at the same time.
● You would rather refactor existing, mostly working, ugly code instead of rewriting it from scratch. OK nobody would really rather do that, but you know it's the right and honorable thing to do most of the time.
● You know where your towel is.

About us

● Biggest Basic Health Insurance Company
● 2800 Employees
● 300 IT Professionals
● 24 Scrum Teams
● 130 Software Developers
● Flexible working times
● Personal development support
● 6 weeks paid vacation
● Great benefits
● Located in Lucerne, Switzerland

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TIME FOR QUESTIONS

Thank you!

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