Exploring Open Data remains an important challenge for the whole Open Data paradigm. Standard stock interfaces used by Open Data portals are anything but inspiring even for tech-savvy users, let alone those without an articulated interest in data science.

This demo showcases a cross-lingual Open Data search interface supporting natural language interactions via popular platforms like Facebook and Skype. Our data-aware chatbot answers search requests and suggests relevant open datasets.

### 2 CHATBOT ARCHITECTURE

![Chatbot Architecture Diagram]

- Integration of 7 different data portals and languages
- Search over metadata of 18k datasets

### 3 USABILITY STUDY

**Tasks:**
- Find climate statistics from different countries
- Reflect on experience of using the system

**Results & suggestions:**
- Useful, but in some cases limited in scope and functionality
- Complement with additional resources
- Adjust language of interaction
- Context-specific answers, e.g., geolocation-relevant queries

### 4 CONCLUSION & FUTURE WORK

- Extend set of indexed portals & datasets
- Search over datasets rather than metadata only
- Improve interaction and refinement features

### REFERENCES

**Portal**

**Watch**

**Facebook**
https://www.facebook.com/OpenDataAssistant/

**Skype**
https://join.skype.com/bot/6db830ca-b365-44c4-9f4d-d423f728e741