

Studybot - A magic wand to create chatbots from ontologies



Who teaches LDSW lecture?



Our Vision

A chatbot is useful to many people, companies or institutions. Assuming you are in a situation, where you would like to include such a bot, wouldn't it be amazing to just add a few triples to your data and then have a ready-to-go solution?

In our vision, you can use your existing data, add a few **verbalisations** and **question-templates** and have a tool **automatically create** you all the training data for your **Chatbot**. No additional work needed - just like that and without any additional work. Easy!

Motivation

This project was started to be applied at my university. Universities have students and students usually need to find out about a lot of organisational stuff at a lot of different locations. Everyone knows that struggle just well.

So how great would it be to have an ontology that is well tested and can be integrated into a dataset of said information and then return a full set of **trainingdata**, ready to go and easily integrated into **Google Dialogflow**.

Approach

The approach is to **annotate** the existing ontology with verbalisations and automatically create the trainingdata to integrate in a **machine learning** model. As of now, the results look very promising.

Datasets

Verbalisation Ontology: An ontology that represents either single fragment verbalisations or a full question template

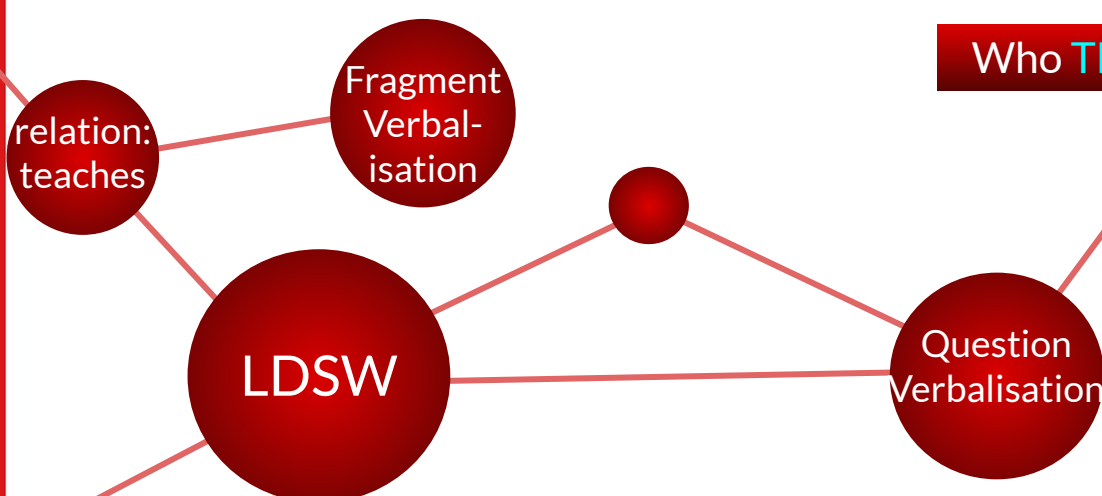
Untis Data: Data that is sourced from an online time table and rewritten

Open Questions

Will it work well with natural questions?
When will the chatbot quality drop?

Contact Data

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Who **TEACHES** **LDSW** **TYPE**?

