

ENGL 516X:
Methods of Formal Linguistic Analysis
Semester: Spring '18

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22 March 2018

Outline for today's class

- ▶ studying code with database + UI
- ▶ Reminder: Submit Assignment 5 on time.

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3. How will you write a query to choose all rows in a table, where the Column "role" has the value "faculty"?

Let us take a look at the three code files from Tuesday (Install: sqlite browser (<http://sqlitebrowser.org/>)).

Okay, now, be brave.

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- ▶ It is a somewhat extreme form of teaching, dangerous too in this case.
- ▶ Now, am going to follow this kind of approach (and it is not physically dangerous).

What is it?

- ▶ Some time back, I did a web-based reading study, where participants came, logged into the application, and read some texts and answered questions about it.
- ▶ The entire setup was coded in Python, with Bottle, and with Sqlite3 module.
- ▶ Code was written by Stefanie Fuccio, a student in my 516 in Spring 2016.

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- ▶ Code was written by Stefanie Fuccio, a student in my 516 in Spring 2016.
- ▶ Stephanie started working on this immediately after 516 (she had no prior background), and while taking 520.
- ▶ I guess it took around 3 months for her to make it work, do some testing and stuff (For experienced folks, it takes perhaps 3-4 weeks max).
- ▶ Let me show you how it works.

Your task -1

- ▶ The code, and the sqlite file are all in a zip file with today's date on Canvas.
- ▶ Form into groups of two or three people, look at one of: `2_createlogins.py` and `3_createtexttable.py` (people on left, take `2_`, on right, take `3_`, middle - up to you)
- ▶ You have 20 minutes. After that, I will "randomly" pick people to come and explain these two programs.

Next Week

- ▶ Assignment 6 introduction, Database-UI discussion continuation
- ▶ Working with external python modules, other people's code etc.
- ▶ ToDo: Understand what is happening in this code, relative to how it is progressing on the web application.
- ▶ Usernames and passwords you need can be accessed from the logins table using sqlite browser.