RUHR-UNIVERSITÄT BOCHUM

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PyWebAnno: Easy and Reproducible WebAnno Project Management

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```
> pywebanno -f dev.ini user create --startid 100 --prefix testuser 5
INFO:pywebanno.users:adding new user 'testuser100'
INFO:pywebanno.users:adding new user 'testuser101'
INFO:pywebanno.users:adding new user 'testuser102'
INFO:pywebanno.users:adding new user 'testuser103'
INFO:pywebanno.users:adding new user 'testuser104'
[
  {
    "username": "testuser100",
    "enabled": true,
    "password": "COnBd96h",
```

Introduction

- PyWebAnno is a command-line tool that is like a **for-loop for WebAnno** (Eckart de Castilho et al. 2016)
- Capable of performing a number of basic operations on a set of users or projects
- Useful when you have a set of projects and/or users that you wish to manage as one
- Makes use of remote API and direct modifications to the database

```
https://git.noc.rub.de/ajroussel/pywebanno
```


Features and Functions

Projects:
- Create from scratch or import from a template
- Delete when done

Users:
- Create accounts with anonymized usernames or ones you choose
- Enable/disable accounts
- Notify users of login info or system downtime
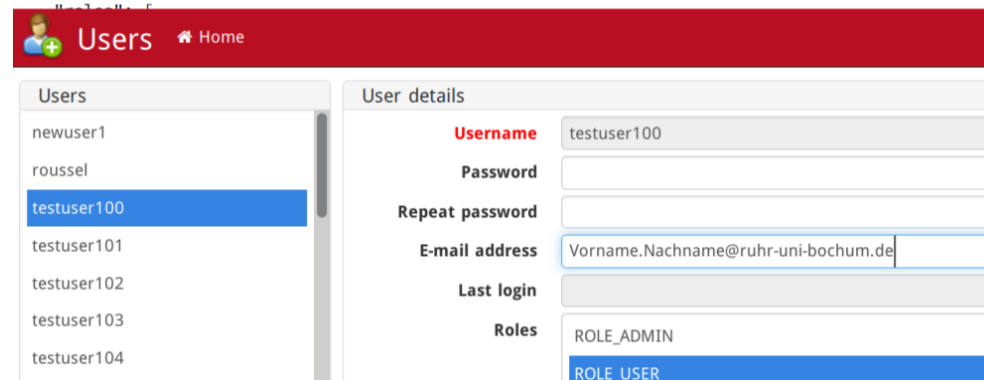- Assign users to projects

Documents:
- Add documents to projects
- Add annotations to documents
- Get an overview of which documents are in which projects

Layers:
- Enable/disable annotation layers

Use Cases

- Practice exercises for linguistics courses
- Annotation projects with many annotators
- Annotations where different groups/documents require different settings

References

Eckart de Castilho, Richard et al. (Dec. 2016). "A Web-based Tool for the Integrated Annotation of Semantic and Syntactic Structures". In: *Proceedings of the Workshop on Language Technology Resources and Tools for Digital Humanities (LT4DH)*. Osaka, Japan: The COLING 2016 Organizing Committee, pp. 76–84. URL: https://www.aclweb.org/anthology/W16-4011.