

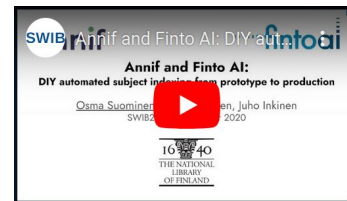
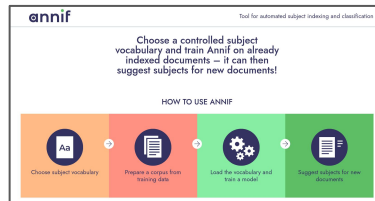
Introduction to the online hands-on tutorial



1

Understand what Annif is

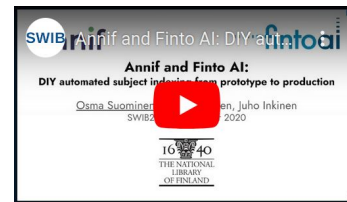
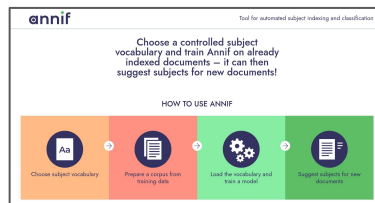
Study the website annif.org, watch a presentation about it, or read the J LIS.it [paper](#).



1

Understand what Annif is

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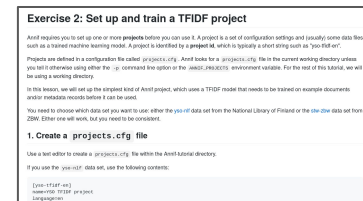
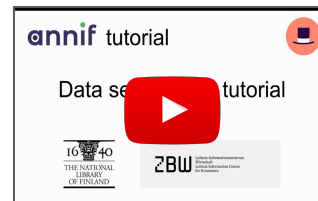


2

Complete this hands-on tutorial

Watch the videos, install Annif, and complete the exercises as far as you can, on your own time.

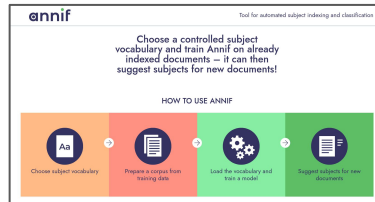
you
are
here



1

Understand what Annif is

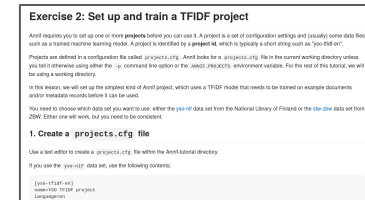
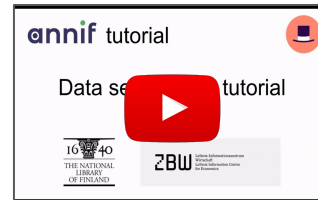
Study the website annif.org, watch a presentation about it, or read the JLIIS.it [paper](#).



2

Complete this hands-on tutorial

Watch the videos, install Annif, and complete the exercises as far as you can, on your own time.



3

Join an online session (optional)


In the online sessions, you can ask questions, get help and discuss what you've learned. Registration required.














you
are
here




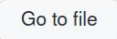

Annif-tutorial GitHub repository



the main resource for this tutorial











 **NatLibFi / Annif-tutorial** Public

 Notifications  Fork 6  Star 21 

 **Code**  Issues 2  Pull requests  Actions  Projects  Security  Insights



 master  3 branches  0 tags  






 **monalehtinen** Update tutorial schedule to include SWIB2022 cc7e1c7 18 days ago  319 commits

 data-sets	Merge pull request #13 from NatLibFi/update-spring-2021	2 years ago
 exercises	Extra step on varying docs-limit & learning curves	2 months ago
 img	remove maui preview images too	2 years ago
 presentations	remove maui slides and exercises	2 years ago
 transcripts	remove maui slides and exercises	2 years ago
 .dockerignore	Move Dockerfile to master branch	3 years ago
 .gitignore	Ignore mauidata directory	3 years ago
 Dockerfile	Update Docker image to Annif 0.57	5 months ago
 LICENSE.txt	Add CC By 4.0 International license	3 years ago
 README.md	Update tutorial schedule to include SWIB2022	18 days ago

About

Instructions, exercises and example data sets for Annif hands-on tutorial

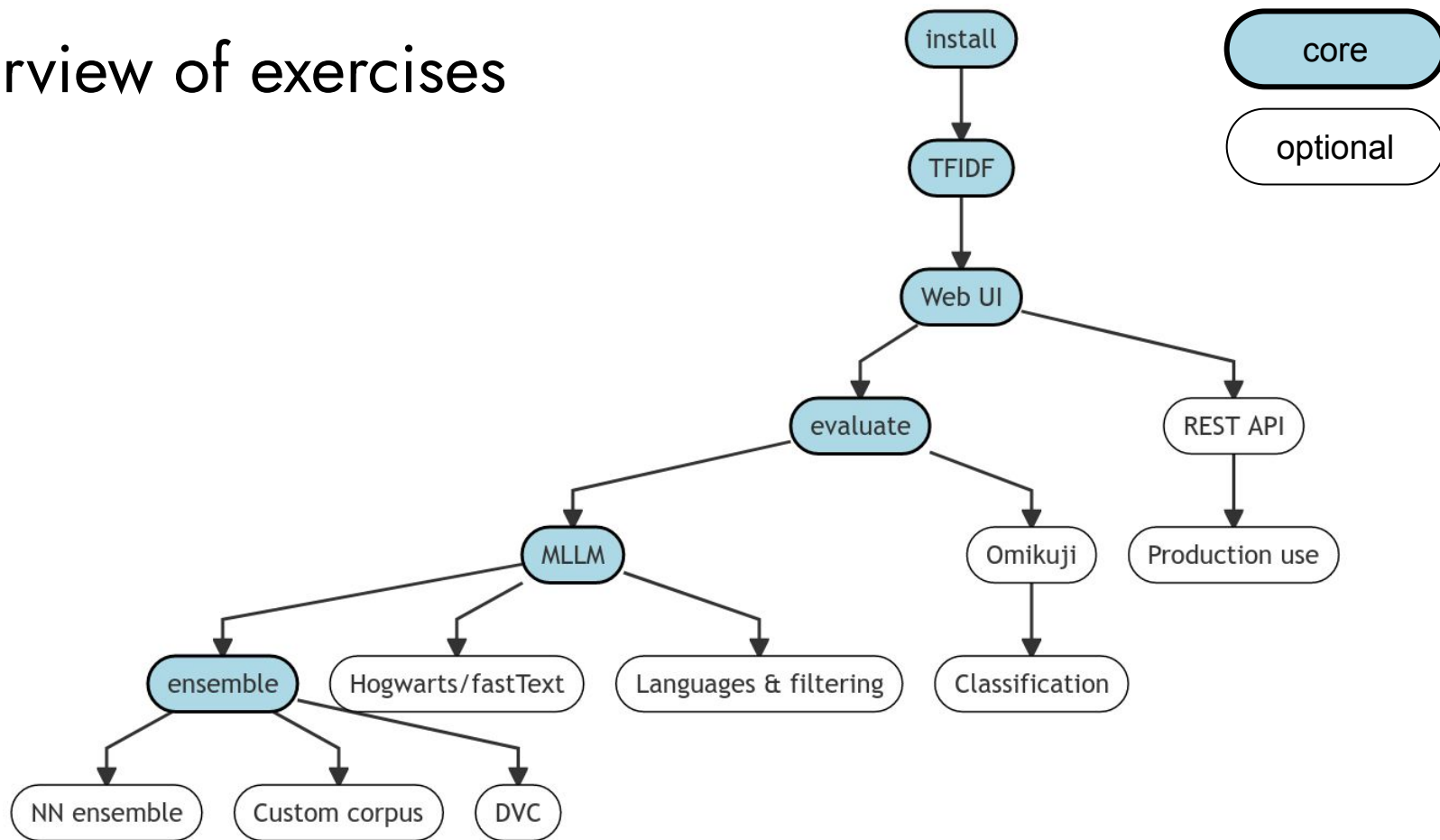
 Readme  CC-BY-4.0 license  21 stars  10 watching  6 forks

Releases

No releases published

Packages

Overview of exercises



Annif installation types

VirtualBox install

Recommended for most people, as it's the easiest way of getting Annif running so you can work on the tutorial exercises.

Need to install **VirtualBox** software - available for Windows, macOS and Linux

Docker install

If you know Docker, this is a good way of getting Annif set up, with all the dependencies included in a pre-built container.

Need to install **Docker** software - available for Windows, macOS and Linux

Linux local install

If you're an experienced Linux user and used to working with Python packages, a local install allows maximum flexibility.

Needs a recent version of **Python** with support for virtual environments

Accessing Annif

Command line interface

- setup and administration
- training models
- testing and evaluating models
- bulk indexing of documents

Web user interface

- interactive testing of models

REST API

- integrating Annif services to other systems



A Short Introduction to the Linux Command Line

During the Tutorial Annif will mainly be controlled from Linux command line. This document provides an overview of the functionalities used. You can return to the examples in this document to better understand the commands used during the tutorial. You get access to the command line by opening the **Terminal** application.

Directories

Files in Linux are organized in a hierarchy of directories. You can navigate through the hierarchy from the command line. This is similar to clicking through folders in a graphical file explorer (i.e., Windows Explorer or Finder on Mac OS).

The Current Directory

Commands are usually executed relative to a directory. To show the current directory the `pwd` command can be used.

```
pwd
```

Contents of a Directory

The `ls` command, shorthand for *list*, lists the contents of the directory.

```
ls
```

Apply Annif on your own data!



Choose subject vocabulary



Prepare a corpus from
training data



Load the vocabulary and
train a model



Suggest subjects for new
documents