
YASET Documentation

Release 0

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This document will show you how to install *yaset*, train and apply a model

1.1 Installation

Here are the steps to follow in order to install *yaset*.

1. To install *yaset*, you need a working **Python 3.5+** environment.
2. You can either **download** the [latest stable version](#) on GitHub or **clone the repository** if you want the latest development version.

```
git clone git@github.com:jtourille/yaset.git
```

3. Install *yaset* by invoking *pip*.

```
pip install .
```

1.2 Prepare the data

yaset accepts CoNLL-like formatted data:

- One token per line
- Sequences separated by blank lines

The first column must contain tokens and the last column must contain the labels. You can add as many other columns as you wish, they will be ignored by the system. Columns must be separated by tabulations.

1.3 Train a model

To train a model, first make a copy of the configuration sample and adjust the parameters to you situation

```
cp config.ini config-xp.ini
```

Invoke the yaset command:

```
yaset LEARN --config config-xp.ini
```

1.4 Apply a model

To apply a model, run the following command

```
yaset APPLY --working_dir /path/to/working_dir \  
            --input_file /path/to/file.tab \  
            --model_path /path/to/pretrained_model
```