Documentation of the LLaMaPUn C library

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Abstract

The LLaMaPUn C library contains some NLP tools for (mainly) mathematical documents. This document is supposed to give an overview about these tools - both for users and future developers of the library.

Contents

1 Installation (on linux)

You can clone the source from github:

```
git clone https://github.com/KWARC/LLaMaPUn.git
```

We will need a couple of libraries:

- Libxml2

- LibJSON

- uthash

- libiconv

The `.travis.yml` file in the repository shows an example installation of the LLaMaPUn C library, including the installation of these libraries with `apt-get`.

Since there are some issues with older versions of the JSON library, you might want to run a small script to fix the includes if necessary:

```
sh jsonincludecheck.sh > /dev/null
```

Now we can compile, test, and install the library, using `cmake`:

```
mkdir -p build
cd build
cmake ..
make
make test
sudo make install
```