
ds-km-precompiler Documentation

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Welcome to the **DS-KM Precompiler**'s documentation. Continue by choosing the desired topic from the list of contents. You can also visit the repository [ds-km-compiler@GitHub](#) or learn more about [Data Stewardship Portal](#) projects.

Introduction

DS-KM Precompiler is tool related to project Data Stewardship Portal developed by ELIXIR-NL and ELIXIR-CZ within the [ELIXIR](#) platform. Main goal of this tool is to create reference precompiler of [DS Knowledge Model](#) data (applying rules, merging multiple files into one depending on requests and configuration). First big user of precompiler is [DS Portal](#) itself.

This project just started and is using first legacy precompiler at the moment. But that will hopefully change soon.

Installation

This application can be installed via standard `setuptools`, for more information read [Python docs - Installing Python Module](#). Required Python version 3.6+ (tested on 3.5 and 3.6)

setup.py

Download the repository from [GitHub](#) and run:

```
$ python3 setup.py install
```

(You can use Python virtual environment instead of system-wide.)

PyPi

Soon @ [PyPi](#) (installable by `pip`)!

Check installation

After the successful installation you should be able to run:

```
$ dskm_precompiler --version
```

Usage

Simple usage example:

```
$ dskm_precompiler [PATH_TO_DSKM_DATAMODEL] [CMD]
$ dskm_precompiler ../ds-km/datamodel list-ns
core:
elixir-nl: core
lifesciences: core
$ dskm_precompiler ../ds-km/datamodel build > output.json
```

For more use:

```
$ dskm_precompiler --help
```

CHAPTER 2

Indices and tables

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