



IO Template Lib Documentation

Manual

IO-Aero Team

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1	Introduction	1
2	Requirements	3
3	Installation	5
4	Configuration	7
4.1	settings.io_template_lib.toml	7
5	First Steps	9
6	Advanced Usage	11
7	iotemplatelib package	13
7.1	Submodules	13
7.2	iotemplatelib.io_glob module	13
7.3	iotemplatelib.io_logger module	13
7.4	iotemplatelib.io_settings module	13
7.5	Module contents	13
8	Release Notes	15
8.1	Version 1.0.0	15
8.2	Detailed Open Issues	15
9	End-User License Agreement	17
9.1	End-User License Agreement (EULA) of IO-Aero Software	17
	Python Module Index	19
	Index	21

Introduction

TODO

Requirements

The required software is listed below. Regarding the corresponding software versions, you will find the detailed information in the [Release Notes](#).

- Operating System

Continuous delivery / integration (CD/CI) runs on **Ubuntu** and development is done with **Windows 10**. For the Windows operating systems, only additional the functionality of the ``make`` tool must be made available, e.g. via [Make for Windows](#).

- [Python](#)

Because of the use of the new typing features, at least version 3.10 is required.

- [GDAL](#)

GDAL is an open source MIT licensed translator library for raster and vector geospatial data formats.

- [Rasterio](#)

Geographic information systems use GeoTIFF and other formats to organize and store gridded, or raster, datasets. Rasterio reads and writes these formats and provides a Python API based on N-D arrays.

Installation

TODO

Configuration

4.1 settings.io_template_lib.toml

This file controls the behaviour of the **IO-TEMPLATE-LIB** library.

The customisable entries are:

Parameter	Default	Description
is_verbose	true	Display progress messages for processing.

The configuration parameters can be set differently for the individual environments (dev, prod and test).

Examples:

```
[default]
is_verbose = true
[dev]
[prod]
[test]
is_verbose = true
...

.. |version| replace:: 1.3.3
.. |today| replace:: 2023-12-28
.. |release| replace:: 1-3-3
```

First Steps

TODO

Advanced Usage

TODO

iotemplatelib package

7.1 Submodules

7.2 iotemplatelib.io_glob module

7.3 iotemplatelib.io_logger module

7.4 iotemplatelib.io_settings module

Managing the application configuration parameters.

7.5 Module contents

IO-TEMPLATE-LIB.

Release Notes

8.1 Version 1.0.0

Release Date: dd.mm.2023

8.1.1 1 New Features

- TODO

8.1.2 2 Modified Features

- TODO

8.1.3 3 Deleted Features

- TODO

8.1.4 4 Applied Software

TODO

Component	Version	Remark	Status
xxx	9.9.9	xxx	xxx

Windows-specific Software

Component	Version	Remark	Status
xxx	9.9.9	xxx	xxx

8.1.5 5 Open Issues

- TODO

8.2 Detailed Open Issues

- TODO

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- genindex
- modindex

i

`iotemplatelib`, [13](#)

`iotemplatelib.io_settings`, [13](#)

I

iotemplatelib
 module, [13](#)
iotemplatelib.io_settings
 module, [13](#)

M

module
 iotemplatelib, [13](#)
 iotemplatelib.io_settings, [13](#)

