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# xmlsec 1.0.6



Newer version  
available (1.3.3)

```
pip install xmlsec==1.0.6
```



Last released: Mar 7,  
2017

Python bindings for the XML Security Library

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[Project description](#)

[Release history](#)

[Download files](#)

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[Homepage](#)

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## Statistics

## Project description

build passing pypi v1.3.3 downloads 185k/month

Python bindings for the XML Security Library.

## Usage

Check the [examples](#) to see various examples of signing and verifying using the library.

## Requirements

- libxml2 >= 2.9.1
- libxmlsec1 >= 1.2.14

## Install

GitHub statistics:

★ Stars: 49 [↗](#)

🔗 Forks: 38 [↗](#)

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issues/PRs: 25 [↗](#)

View statistics for this project via

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## Meta

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Author: [Bulat Gaifullin](#) [✉](#)

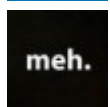
📦 xmlsec

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## Maintainers



[bgaifullin](#)



[mehcode](#)

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## Classifiers

Development Status  
3 - Alpha

Intended Audience  
[Developers](#)  
[System Administrators](#)

## License

## Pre-Install

### Linux (Debian)

```
apt-get install libxml2-dev libxmlsec1-dev libxmlsec1
```

Note: There is no required version of libxml2 for ubuntu precise, so need to dowload and install it manually.

```
wget http://xmlsoft.org/sources/libxml2-2.9.1.tar.gz
tar -xvf libxml2-2.9.1.tar.gz
cd libxml2-2.9.1
./configure && make && make install
```

### Linux (CentOS)

```
yum install libxml2-devel xmlsec1-devel xmlsec1-opens
```

### Mac

```
brew install libxml2 libxmlsec1
```

### Automated

1. xmlsec can be installed through *easy\_install* or *pip*.

```
pip install xmlsec
```

### Mac

If you get any fatal errors about missing .h files, update your C\_INCLUDE\_PATH environment variable to include the appropriate

OSI Approved :: MIT License

Operating System OS Independent

Programming Language

C  
Python :: 2.7  
Python :: 3  
Python :: 3.3  
Python :: 3.4

Topic

Text Processing :: Markup :: XML

files from the libxml2 and libxmlsec1 libraries.

## Manual

1. Clone the `xmlsec` repository to your local computer.

```
git clone git://github.com/mehcode/python-xmlsec.git
```

1. Change into the `xmlsec` root directory.

```
cd /path/to/xmlsec
```

1. Install the project and all its dependencies using `pip`.

```
pip install .
```

## Contributing

### Setting up your environment

1. Follow steps 1 and 2 of the [manual installation instructions][].

[manual installation instructions]: #manual

1. Initialize a virtual environment to develop in. This is done so as to ensure every contributor is working with close-to-identical versions of packages.

```
mkvirtualenv xmlsec
```

The `mkvirtualenv` command is available from `virtual` can be installed by following: <http://virtualenvwrapp>

1. Install **xmlsec** in development mode with testing enabled. This will download all dependencies required for running the unit tests.

```
pip install -r requirements-test.txt  
pip install -e "."
```

## Running the test suite

1. [Set up your environment](#setting-up-your-environment).
2. Run the unit tests.

```
py.test tests
```

## Versions of python

The following versions of python is supported:




- *python2.7*
- *python3.4*
- *python3.5 (required libxmlsec1 >= 1.2.18 and libxml2 >= 2.9.1)*
- *python3.6 (required libxmlsec1 >= 1.2.18 and libxml2 >= 2.9.1)*

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