
universions

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CHAPTER 1

Installation guide

1.1 With pip

```
pip install unversions
```

1.2 With conda

```
conda install -c conda-forge unversions
```


This page references all the supported tools and languages

2.1 Git

2.1.1 Documentation

`unversions.git.get_git_version` (*git_path: Union[pathlib.Path, str, None] = None*) → *Optional[unversions.version.Version]*

Get the Git versions.

Parameters `git_path` – The path to the Git binary to check. If not defined, it uses “node”

Returns The Git version.

2.1.2 Python example

```
>>> from unversions.git import get_git_version
>>> get_git_version()
Version(major=2, minor=20, patch=1, prerelease=None, build=None)
```

2.1.3 CLI example

```
>>> unversions git
2.20
```

2.2 Java

2.2.1 Documentation

`unversions.java.get_java_version` (*java_path*: *Union[pathlib.Path, str, None] = None*) → *Optional[unversions.version.Version]*

Get the Java versions.

Parameters `java_path` – The path to the Java to check. If not defined, it uses `JAVA_HOME` from the environment variables to try `$JAVA_HOME/bin/java`. If `JAVA_HOME` is not defined either it tries only “java”.

Returns The Java version.

2.2.2 Python example

```
>>> from unversions.java import get_java_version
>>> get_java_version()
Version(major=11, minor=0, patch=2, prerelease=None, build=None)
```

2.2.3 CLI example

```
>>> unversions java
11.0
```

2.3 Node

2.3.1 Documentation

`unversions.node.get_node_version` (*node_path*: *Union[pathlib.Path, str, None] = None*) → *Optional[unversions.version.Version]*

Get the Node version.

Parameters `node_path` – The path to the node to check. If not defined, it uses “node”

Returns The Node version.

2.3.2 Python example

```
>>> from unversions.node import get_node_version
>>> get_node_version()
Version(major=12, minor=6, patch=0, prerelease=None, build=None)
```

2.3.3 CLI example

```
>>> unversions node
12.6
```

2.4 Npm

2.4.1 Documentation

`universions.npm.get_npm_version` (*npm_path*: `Union[pathlib.Path, str, None] = None`) → `Optional[universions.version.Version]`

Get the NPM version.

Parameters `npm_path` – The path to *npm* to check. If not defined, it uses “npm”

Returns The NPM version.

2.4.2 Python example

```
>>> from universions.npm import get_npm_version
>>> get_npm_version()
Version(major=6, minor=4, patch=1, prerelease=None, build=None)
```

2.4.3 CLI example

```
>>> universions npm
6.4
```

2.5 Pip

2.5.1 Documentation

`universions.pip.get_pip_version` (*path*: `Union[pathlib.Path, str, None] = None`) → `Optional[universions.version.Version]`

Get the Pip version.

Parameters `path` – The path to the Pip to check. If not defined, it uses “pip”

Returns The Pip version.

2.5.2 Python example

```
>>> from universions.pip import get_pip_version
>>> get_pip_version()
Version(major=19, minor=3, patch=1, prerelease=None, build=None)
```

2.5.3 CLI example

```
>>> universions pip
19.3
```

2.6 Python

2.6.1 Documentation

`unversions.python.get_python_version` (*path: Union[pathlib.Path, str, None] = None*) → *Optional[unversions.version.Version]*

Get the Python version.

Parameters `path` – The path to the Python to check. If not defined, it uses “python”

Returns The Python version.

2.6.2 Python example

```
>>> from unversions.python import get_python_version
>>> get_python_version()
Version(major=3, minor=7, patch=5, prerelease='rc1', build=None)
```

2.6.3 CLI example

```
>>> unversions python
3.7
```

- `genindex`

`unversions` is a python library to get the version of other tools and languages.

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`get_git_version()` (*in module `unversions.git`*), [3](#)
`get_java_version()` (*in module `unversions.java`*),
[4](#)
`get_node_version()` (*in module `unversions.node`*),
[4](#)
`get_npm_version()` (*in module `unversions.npm`*), [5](#)
`get_pip_version()` (*in module `unversions.pip`*), [5](#)
`get_python_version()` (*in module `unversions.python`*), [6](#)