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# **steenzout.serialization.json documentation**

***Release 1.0***

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## Contents

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<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	License . . . . .	1
<b>2</b>	<b>Installation</b>	<b>7</b>
2.1	pip . . . . .	7
2.2	source . . . . .	7
<b>3</b>	<b>API documentation</b>	<b>9</b>
3.1	steenzout package . . . . .	9
	<b>Python Module Index</b>	<b>11</b>



# CHAPTER 1

## Introduction

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This section covers the `steenzout.serialization.json` installation.

### 2.1 pip

To install `steenzout.serialization.json`, you can run the following command:

```
$ pip install steenzout.serialization.json
```

The Python [installation guide](#) can guide you through the process of getting `pip` installed.

### 2.2 source

The code is available at [github](#).

You can clone the public repository:

```
$ git clone git://github.com/steenzout/python-serialization-json.git
```

You can also go to the [releases](#) tab and pick a [tarball](#) or [zip](#).

For example:

```
$ curl -OL https://github.com/steenzout/python-serialization-json/archive/1.0.0.tar.gz
```

Once you have a copy of the source and have extracted its files, you can install it using:

```
$ python setup.py install
```



This section contains information on a specific function, class, or method, this part of the documentation is for you.

## 3.1 steenzout package

### 3.1.1 Subpackages

**steenzout.serialization package**

**Subpackages**

**steenzout.serialization.json package**

**Submodules**

**steenzout.serialization.json.encoders module**

JSON encoders module.

**as\_date** (*dat*)

Return the RFC3339 UTC string representation of the given date and time.

**Parameters** **dat** (`datetime.date`) – the object/type to be serialized.

**Raises** `TypeError` – when *o* is not an instance of `datetime.date`.

**Returns** (`str`) JSON serializable type for the given object.

**as\_object** (*obj*)

Return a JSON serializable type for *o*.

**Parameters** **obj** (`object`) – the object to be serialized.

**Raises** `AttributeError` – when `o` is not a Python object.

**Returns** JSON serializable type for the given object.

**Return type** (dict)

## steenzout.serialization.json.metadata module

Metadata module.

### Module contents

JSON serialization package.

**deserialize** (*json*, *cls=None*)

Deserialize a JSON string into a Python object.

**Parameters**

- **json** (*str*) – the JSON string.
- **cls** (*object*) – if the `json` is deserialized into a `dict` and this argument is set, the `dict` keys are passed as keyword arguments to the given `cls` initializer.

**Returns** Python object representation of the given JSON string.

**serialize** (*obj*)

Serialize the given object into JSON.

**Parameters** **obj** – the object to be serialized.

**Returns** JSON representation of the given object.

**Return type** (str)

**version** ()

Return this package version.

**Returns** package version.

**Return type** (str)

### Module contents

Serialization namespace package.

### 3.1.2 Module contents

steenzout namespace package.

### S

steenzout, [10](#)  
steenzout.serialization, [10](#)  
steenzout.serialization.json, [10](#)  
steenzout.serialization.json.encoders,  
    [9](#)  
steenzout.serialization.json.metadata,  
    [10](#)





### A

`as_date()` (in module `steenzout.serialization.json.encoders`), 9  
`as_object()` (in module `steenzout.serialization.json.encoders`), 9

### D

`deserialize()` (in module `steenzout.serialization.json`), 10

### S

`serialize()` (in module `steenzout.serialization.json`), 10  
`steenzout` (module), 10  
`steenzout.serialization` (module), 10  
`steenzout.serialization.json` (module), 10  
`steenzout.serialization.json.encoders` (module), 9  
`steenzout.serialization.json.metadata` (module), 10

### V

`version()` (in module `steenzout.serialization.json`), 10