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# **pybtex-docutils Documentation**

***Release 0.2.1***

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## 1.1 Getting Started

### 1.1.1 Overview

A docutils backend for pybtex.

- Download: <http://pypi.python.org/pypi/pybtex-docutils/#downloads>
- Documentation: <http://pybtex-docutils.readthedocs.org/>
- Development: <http://github.com/mcmtroffaes/pybtex-docutils/>

### 1.1.2 Installation

Install the module with `pip install pybtex-docutils`, or from source using `python setup.py install`.

### 1.1.3 Minimal Example

```
import six
import pybtex.database.input.bibtex
import pybtex.plugin

style = pybtex.plugin.find_plugin('pybtex.style.formatting', 'plain')()
backend = pybtex.plugin.find_plugin('pybtex.backends', 'docutils')()
parser = pybtex.database.input.bibtex.Parser()
data = parser.parse_stream(six.StringIO(u"""
@Book{1985:lindley,
  author = {D. Lindley},
  title = {Making Decisions},
  publisher = {Wiley},
  year = {1985},
  edition = {2nd},
}
"""))
for entry in style.format_entries(six.itervalues(data.entries)):
    print(backend.paragraph(entry))
```

would produce:

```
<paragraph>
  D. Lindley. <emphasis>Making Decisions</emphasis>.
  Wiley, 2nd edition, 1985.
</paragraph>
```

## 1.2 API

The backend renders `pybtex.richtext.Text` instances into a list of `docutils.nodes.Text` and `docutils.nodes.inline` instances (or subclasses of these). For typical use cases, all you need to care about are the methods `Backend.paragraph()`, `Backend.citation()`, and `Backend.citation_reference()` which are to be called on *formatted* entries, as in the *minimal example*.

Note that you should not import the `pybtex_docutils` module directly. Instead, use pybtex's plugin system to get the `Backend` class, again, as in the *minimal example*.

```
class pybtex_docutils.Backend(encoding=None)
    Bases: pybtex.backends.BaseBackend
```

### RenderType

alias of `list`

```
citation(entry, document, use_key_as_label=True)
```

Return citation node, with key as name, label as first child, and paragraph with entry text as second child. The citation is expected to be inserted into *document* prior to any docutils transforms.

```
citation_reference(entry, document, use_key_as_label=True)
```

Return `citation_reference` node to the given citation. The `citation_reference` is expected to be inserted into *document* prior to any docutils transforms.

```
paragraph(entry)
```

Return a `docutils.nodes.paragraph` containing the rendered text for *entry* (without label).

New in version 0.2.0.

## 1.3 Changes

### 1.3.1 0.2.1 (8 December 2014)

- Add Python 3.4 support, drop Python 3.2 support.
- Support more tags, also fail gracefully on unknown tags (see issue #6, reported by Jellby).
- Use universal wheel for distribution.

### 1.3.2 0.2.0 (8 August 2013)

- **BACKWARD INCOMPATIBLE** The backend now renders into a list of docutils nodes instead of a single docutils node.
- New `paragraph()` method to render an entry into a single docutils paragraph.
- The `<inline>` wrapper nodes are no more, leading to much simpler generated code.
- Full test coverage.
- Generated citation nodes now contain text inside a paragraph.



- Minimal example.

### 1.3.3 0.1.0 (7 August 2013)

- Copied the backend from pybtex.
- Initial documentation.
- Initial tests and travis.ci integration.

## 1.4 License

pybtex-docutils is a docutils backend for pybtex  
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