

# Pyblish ReadMe

Loïc Rouquette

No institute given.

## Contents

<b>1 Pyblish</b>	<b>1</b>
1.1 Builtins	1
1.2 Journals	1

## 1 Pyblish

Pyblish is a python application that convert Jupyter notebooks (`ipynb`) into journal publications. It runs **Pandoc** under the hood, applies some default extensions and provides some basic filters.

### 1.1 Builtins

Pyblish has some HTML and Latex extensions. It's allows to write plain python code and produce Latex and HTML ready to publish code.

For exemple Pyblish provides the **Figure** class which allows to create a Figure environment.

Usage:

```
from pyblish import Figure
Figure("""This is markdown here!""")
```

This code will produce the HTML code:

```
<figure>This is markdown <b>here</b>!</figure>
```

to render the content in the jupyter environment and:

```
\begin{figure}
This is markdown \textbf{here}!
\end{figure}
```

to render in the Latex code source.

### 1.2 Journals

The provided journals are stored in the `_journals` directory.

This is markdown **here**!

### 1.2.1 IACRTrans

The iacrtrans journal can be used to publish in both [ToSC](#) and [TCHES](#)

To use this journal add:

```
use: _journal/iacrtrans.yml
```

to your yml metadata file.