# Pyblish ReadMe

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Lorem...

## Contents



# 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**!

| | x | pow |
|---|---|---|
| 0 | 0 | $2^{-0}$ |
| 1 | 1 | $2^{-1}$ |
| 2 | 2 | $2^{-2}$ |
| 3 | 3 | $2^{-3}$ |
| 4 | 4 | $2^{-4}$ |
| 5 | 5 | $2^{-5}$ |
| 6 | 6 | $2^{-6}$ |
| 7 | 7 | $2^{-7}$ |
| 8 | 8 | $2^{-8}$ |
| 9 | 9 | $2^{-9}$ |

### 1.2.1 IACRTrans

The iarctrans 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.
This is a theorem
This is a theorem