

How To use Pelican. Static site generator.

A static site generator allows you to write content directly in plain text and it includes a simple tool to (re)generate your site.

From ecoevo: The input data folder is: `/data/pelican/`. For each file that we create in this folder, we will have a post in our webpage. The files can be organized in folders. We can write our posts in `.rst` or `.md` format.

An example of a `.rst` ([reStructuredText](#)) file content:

```
Starting with Pelican
#####
:date: 2014-01-20 23:47
:category: Evolution
:tags: wasmannia, blog, rst, pelican
:author: My name
.. Introduction
.. -----
Hi!
.. code-block:: python
    print("Hello world!")

And this is a link to a page_
.. _page: http://www.google.com/

`a link to content </pdata/file.tar.gz>` _
```

An example of a `.md` ([markdown](#)) file content:

```
Title: markdown post
Date: 2014-01-22 10:20
Category: Evolution
Tags: wasmannia, publishing
Author: My name
Summary: Short version for index and feeds

This is the content of my super blog post.
[a link to content](/pdata/file.tar.gz)
```

You can attach files from `/data` folder using `/pdata/` path.

Once we have added/edited the .rst/md files, we have to update our web:

Ecoevo has installed Python 2.6 by default and Pelican needs ≥ 2.7 so to can use both versions we have installed virtualenvs, that allow to work with different versions of one program.

First of all, to use python 2.7 instead 2.6:

```
[user@ecoevo ~]$ . /home/apps/virtualenvs2/pelican/bin/activate
```

Go to pelican folder:

```
(pelican)[user@ecoevo ~]$ cd /home/apps/pelican/
```

And regenerate the output folder:

```
(pelican)[user@ecoevo pelican]$ make html
```

The output folder is: `/var/www/html/code/`, so the web address is <http://ecoevo.unit.oist.jp/code>