
Ship-Shape-File-Navigator Documentation

Release 0.1

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Introduction

Ship-Shape-File-Navigator (Ship) is a standalone FLOSS navigational file manager focused to ease the management of Shapefile files, a de-facto standard format to handle GIS data.

Ship allows you navigate through directories and see shapefile's (and some other geographic formats as well) main characteristics, tabular data, and a preview of their geometries.

With Ship you'll be able to do common file operations like copy, move, rename and delete to the shapefiles as a whole (and soon also apply batch geoprocessing to them).

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|-----------------|---|
| Version: | 0.1 alpha |
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| License: | GNU GENERAL PUBLIC LICENSE Version 3 |
| URL: | http://www.shipshapefilenavigator.org |

Installation

Ship-Shape-File-Navigator doesn't require installation but requires a Python 2.7 interpreter with Tkinter.

If you have those in your system just `get Ship`, extract it to some place and run the `shipshpfn/gui.py` file, from the Ship folder:

```
python shipshpfn/gui.py
```

or another path:

```
python [path_to_Ship]/shipshpfn/gui.py
```

2.1 Windows users

If you don't have a python interpreter installed in your system, you can install the official Python interpreter (2.7 version) getting it from:

official Python web: <https://www.python.org/downloads/release/python-2711/>

or direct download from here: [32 bit](#) | [64 bit](#)

2.2 Linux users

You should have a Python 2.7 interpreter already installed in your system but some distros may not include the **python-tk** package. In that case you can install it from the repositories:

2.2.1 Debian/Ubuntu/Mint:

```
[sudo] apt-get install python-tk
```

2.2.2 RPM based (Fedora...):

```
yum install tkinter
```

2.3 GIT

Another way you could get and use Ship is directly from the repository, executing it with Python.

Cloning the repository:

```
git clone https://bitbucket.org/shipshp/shipshpfn.git
```

Executing from the repo folder:

```
python shipshpfn/gui.py
```

or another path:

```
python [path_to_repo]/shipshpfn/gui.py
```

In this way you may also have access to the latest development state of the application, just changing to the **development** branch:

```
git checkout development
```

2.4 Python distutils/setup tools

2.5 Virtual environments

User guide

Contribution

4.1 Development

To clean repo (deletes *.pyc, log and conf files):

```
git clean -xf
```

To build documentation with Sphinx (in /docs folder):

```
make html
```

4.2 Issues