
Gluon Documentation

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Nils Schneider

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Gluon is an sophisticated framework for developing OpenWRT based firmwares. Being in an early development stage it is used by several Freifunk communities in Germany.

Features

Supported Devices

License

User Documentation

4.1 Getting Started

```
git clone https://github.com/freifunk-gluon/gluon.git
cd gluon
git clone git://github.com/freifunk-gluon/site-ffhl.git site
make update
make
```

4.2 Builds

For the build reserve 6GB of disk space. The building requires packages for subversion, ncurses headers (`libncurses-dev`) and zlib headers (`libz-dev`).

4.2.1 Building Gluon

To build Gluon, after checking out the repository change to the source root directory to perform the following commands:

```
git clone git://github.com/freifunk-gluon/site-ffhl.git site # Get the Freifunk Lübeck site repository
make update # Get other repositories used by Gluon
make # Build Gluon
```

When calling `make`, the OpenWRT build environment is prepared and updated. To rebuild the images only, just use:

```
make images
```

The built images can be found in the directory `images`.

4.2.2 Cleaning up

There are three levels of `make clean`:

```
make clean
```

will only clean the Gluon-specific files;

`make cleanall`

will also call `make clean` on the OpenWRT tree, and

`make dirclean`

will do all this, and call `make dirclean` on the OpenWRT tree.

4.3 Frequently Asked Questions

Features

Developer Documentation

6.1 Contributing to Gluon

Gluon's source is kept in [git repositories](#) at GitHub.

6.1.1 Bug Tracker

The [main repo](#) does have issues enabled.

6.1.2 IRC

Gluon's developers frequent [#gluon](#) on [hackint](#). You're welcome to join us!

Indices and tables

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- *search*