

End user Documentation

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Abstract

This guide describes the how to install and use the UPnP BRisa Framework. This document target audience are users.

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Chapter 1. Installing

Maemo Devices (N800, N810, ...)

Single click install has not been updated yet for the latest release (0.7.0). It will be updated but at this moment BRisa for maemo is aimed mainly for developers with experience with ssh and scp. Please consult the Developer Documentation [<http://garage.maemo.org/mailman/listinfo/brisa-develop>] .

Linux

Installing dependencies

Ubuntu Gutsy, Hardy

```
sudo apt-get install python-cherrypy3 python-formencode python-  
pyinotify gstreamer0.10-bad python-gst python-mutagen python-dev  
python
```

Gentoo

```
emerge cherrypy pysqlite formencode pyinotify gst-plugins-bad gst-  
python mutagen
```

If your distribution is not on the list above, please refer to the section called “Manual dependencies install” .

Installing Brisa

Download the packages here [https://garage.maemo.org/frs/?group_id=138] and install each by executing the following commands on the terminal:

```
tar -zxvf package.tar.gz  
cd package  
sudo python setup.py install
```

Manual dependencies install

BRisa requires the following third-party packages:

- Python 2.5+, Python 2.5 dev- <http://python.org/>
- Python-inotify - <http://pyinotify.sourceforge.net/> [<http://pyinotify.sourceforge.net/>]
- Python-mutagen - <http://pypi.python.org/pypi/mutagen/1.12> [<http://pypi.python.org/pypi/mutagen/1.12>]
- gstreamer0.10 - <http://gstreamer.freedesktop.org/download> [<http://gstreamer.freedesktop.org/download>]
- Python-gstreamer - <http://gstreamer.freedesktop.org/modules/gst-python.html> [<http://gstreamer.freedesktop.org/modules/gst-python.html>]

- (optional) gstreamer0.10-plugins-* - <http://gstreamer.freedesktop.org/download> [<http://gstreamer.freedesktop.org/download/>]

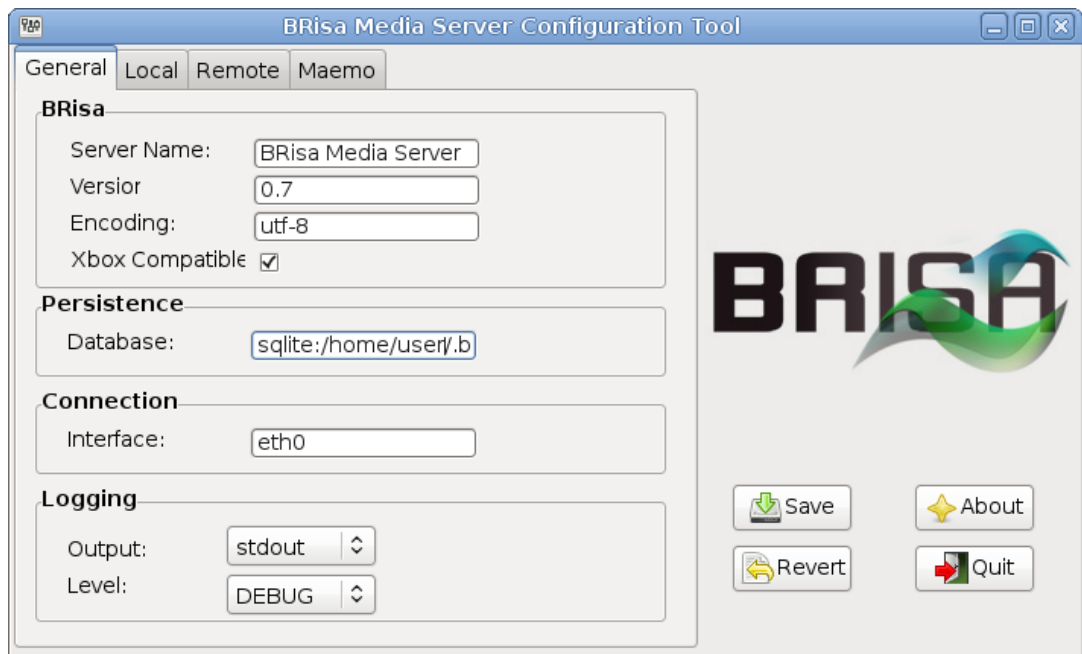
Optional - only needed for the media renderer for viewing some specific types of videos, like flv.

Chapter 2. Using

Setting your folders for MediaServer

In order to BRisa find your audio, video and image files, you must tell it where it is located. For that, you must use our **Configuration Tool** , which is illustrated below.

Figure 2.1. Configuration Tool



For starting the **Configuration Tool**, you can try to find it on your window manager menu (distributions compliant with freedesktop) or you can type this in a terminal:

```
$ brisa-configuration-tool
```

For editing configuration and fields just select and edit what you want to change. Note that some fields like "connection" or "database" should be automatically correct after install, you should not have to change that (for problems consult Chapter 3, *Troubleshooting & Common Problems* below).

On the tab local you will find the directories to set your **audio, video and picture** folders. For selecting multiple folders click on select again after selecting something.

Once you're done setting your media folders, click on the **Save** button and then on **Quit** (both on the right side of the screen).

Starting servers on the terminal

Media Server

For starting the media server, just open up a terminal and type the following command:

```
$ brisa-media-server
```

Media Renderer

For starting the media renderer, juts open up a terminal and type the following command:

```
$ brisa-media-renderer
```

If you want debug messages, use the Configuration Tool and on the first tab (General) set the logging level to DEBUG.

Chapter 3. Troubleshooting & Common Problems

IOError: [Errno 2] No such file or directory: '/home/user/.meta_storage'

Problem: you have the metacrawler plugin on, but you probably aren't running on a maemo device. That storage is directed maemo devices.

Solution: using the **Configuration Tool** disable the *maemo multimedia plugin*

Known issue: text and buttons on maemo looking weird

Status: this is a known issue that have been detected recently. It will be fixed on version 0.1.1

Chapter 4. Contact

After reading this document, if you have any doubts feel free to contact us on irc or through the mailing lists.

- IRC
 - **#brisa** @ *irc.freenode.org*
- Mailing lists
 - brisa-develop - Subscribe [<http://garage.maemo.org/mailman/listinfo/brisa-develop>]
 - brisa-discuss - Subscribe [<http://garage.maemo.org/mailman/listinfo/brisa-discuss>]