

Obr Documentation

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Obr - OpenGL based image viewer

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Chapter 1

User Documentation

1.1 Introduction

Obr is an image viewer for Linux based on OpenGL, which was especially designed for **viewing photos**. It has **vi-user-friendly** movement and **fast image turning**. Thanks to the fast Imlib2 library, it supports **variety of image formats** and **transparent images** with grace. Navigation is made simple, using a **thumbnail** view. On top of the image, Obr can display **Unicode description** and another smaller image, such as **histogram**.

Apart from this, obr has a simple sqlite-based **album management** system, that generates **thumbnails** and **histograms** automatically.

1.2 Installation

To be able to run obr and its album manager obr_album, you need to get a number of dependencies. These include Imlib2, OpenGL (with glut), Boost, Freetype, FTgl, Sqlite and ImageMagick. On a debian-like system (Debian, Ubuntu) you may run (as root, or with sudo)

```
# apt-get install libimlib2-dev libglut3-dev libboost-thread1.40-dev libfreetype6-de
```

Obr has an interactive installer, so to install, you only need to unzip the archive and run the installer

```
$ tar xjvf obr.tar.bz2
$ cd obr
$ ./install.sh
```

This will ask you to modify your PATH. Now you may run

```
$ obr my_granny.jpg
```

1.3 Usage

1.3.1 obr itself

1.3.2 obr album