

Imagen

for Windows/Linux

Making Distributions

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Overview

The purpose of this document is to describe how to simply make different types of distributions – full distribution (including libraries), sources only (without libraries) and a binary distribution. There is an automated ways to make those. Currently there are 2 types of distributions – for Windows and for Linux.

Windows distributions

In the full distribution of Imagen (`imagen-all-X.Y.JKL.zip`, where X and Y represent the current version, JKL represent the current build number) is a batch file named `mkdist.bat`. It is used to make the different types of distributions.

NOTE: The `pkzipc` application is required in order to make distributions under Windows. You can download it from <ftp://ftp.pkware.com/pkzc400s.exe>.

Also Windows Scripting Host and Microsoft Word are required for executing the `.vbs` file used for converting `.doc` files to `.txt`.

Unzip the archive using a `.zip` archiver. Enter in MS-DOS mode and go to the directory you've unzipped the archive. Type `mkdist` and you will see the menu which shows you the different types of distributions and their numbers.

Full distribution

To make a distribution that includes all Imagen, Imagen Cache, Imagen Cache Plugin sources and the libraries required by Imagen you must type:

```
mkdist 1
```

An `imagen-all-A.B.JKL.zip` file will be created in the `_distrib` directory, where A and B represent the current Imagen version, JKL represent the current build number.

Small distribution

To make a distribution that includes only the Imagen, Imagen Cache, Imagen Cache Plugin sources type:

```
mkdist 2
```

An `imagen-small-A.B.JKL.zip` file will be created in the `_distrib` directory, where A and B represent the current Imagen version, JKL represent the current build number.

Binary distribution

To make a distribution that includes only the binary files and configuration files type:

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```
mkdist 3
```

An `imagen-bin-A.B.JKL.zip` file will be created in the `_distrib` directory, where A and B represent the current Imagen version, JKL represent the current build number.

Linux distributions

In the full distribution of Imagen (`imagen-all-X.Y.JKL.tar.gz`, where X and Y represent the current version) is a makefile named `mkdist.mk`. It is used to make the different types of distributions.

NOTE: The Linux distribution will require all the `.doc` files to be converted into `.txt` format which task is completed by the `export_doc.vbs` file which is automatically executed when making a Windows distribution, so first start a Windows distribution or manually execute the `.vbs` file.

Unzip the `.tar.gz` file

```
tar xzvf imagen-all-X.Y.JKL.tar.gz
cd imagen-all-X.Y.JKL
```

You have to build the package:

```
make configure
make
make install
```

Full distribution

To make a *sources+libraries* distribution (including libraries required by Imagen) type:

```
make -f mkdist.mk mkdist
```

The full distribution will be created and zipped in `imagen-all-A.B.JKL.tar.gz` file, where A and B represent the current Imagen version, JKL represent the current build number.

Small distribution

To make a *sources only* distribution that contains only the sources of Imagen, Imagen Cache, Imagen Cache Plugin (without the libraries required by Imagen) you must type:

```
make -f mkdist.mk mksmalldist
```

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A “source-only” distribution will be created and zipped in imagen-small-A.B.JKL.tar.gz, where A and B represent the current Imagen version, JKL represent the current build number.

Binary distribution

To make a binaries-only distribution type:

```
make -f mkdist.mk mkbindist
```

A binary distribution will be created and zipped in imagen-bin-A.B.JKL.tar.gz, where A and B represent the current Imagen version, JKL represent the current build number.

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