
packthing

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Packthing is a tool for building packages.

1.1 Free Pascal Compiler (FPC) Builder

- *System Requirements*
- *Configuration*
 - *Example*

1.1.1 System Requirements

- `fpc`

1.1.2 Configuration

repos.<repo>.url Repository to check out.

repos.<repo>.tag Repository branch/tag to check out.

repos.<repo>.builder Set to `fpc`.

repos.<repo>.root Root directory of FPC project.

Example

```
repos:  
  propbasic:  
    url: https://github.com/parallaxinc/PropBasic.git  
    tag: 1.44.2
```

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```
builder: fpc  
root: src
```


2.1 Debian Packager

- *System Requirements*
- *Configuration*
 - *Required*
 - *Optional*
 - *Example*

2.1.1 System Requirements

- debhelper
- dpkg-dev
- fakeroot
- help2man
- imagemagick
- lintian

On Ubuntu:

```
sudo apt-get install -y fakeroot help2man lintian debhelper dpkg-dev imagemagick
```

2.1.2 Configuration

Required

target.deb.categories freedesktop.org [Categories](#).

target.deb.section Debian Menu [Section](#) field.

Optional

target.deb.depends Add explicit package dependencies.

target.deb.help2man Generate man pages for listed commands with [help2man](#). Requires commands to support a `--version` flag.

Example

```
target:
  deb:
    depends: libftd1l
    categories: Development;IDE
    section: Applications/Editors
    help2man:
      - propelleride
      - propman
      - openspin
```

2.2 Apple Disk Image (DMG) Packager

- *System Requirements*
- *Configuration*
 - *Example*

2.2.1 System Requirements

- `dmgbuidl`
- `iconutil`
- `macdeployqt`
- `sips`

2.2.2 Configuration

target.dmg.category [Application Category](#).

target.dmg.background DMG background image.

target.dmg.bundle App bundle name (`.app`).

Example

```
target:
  dmg:
    category: public.app-category.developer-tools
    background: icons/mac-dmg.png
    bundle: propelleride
```

2.3 Self-Extracting Archive Packager

Produces an archive that can be installed like so:

```
chmod a+x myarchive.run
sudo ./myarchive.run
```

The contents will my installed to `/opt/myarchive`.

2.3.1 Configuration

No configuration options available.