pyunpack Documentation

Release 0.0.0

ponty

August 01, 2011

CONTENTS

pyunpack

Date August 01, 2011

PDF pyunpack.pdf

Contents:

unpack archive files

Links:

- home: https://github.com/ponty/pyunpack
- documentation: http://ponty.github.com/pyunpack

Features:

- **backends:**
  - patool: optional, can handle a lot of formats using different programs
  - zipfile: included in Python
- command line interface

Known problems:

- Python 3 is not supported
- tested only on linux

CHAPTER

ONE

BASIC USAGE

```
>>> from pyunpack import Archive
>>> Archive('a.zip').extractall('.')
```

or on console:

```
python -m pyunpack.cli a.zip .
```

CHAPTER TWO

SIMILAR PROJECTS

- zipfile: zip only, included in python
- patool: many formats, command line only
- python-archive: zip and tar only
- rarfile: rar only
- pyUnRAR2: rar only
- pylzma: LZMA only
- easy-extract: many formats, no simple interface for unpacking

CHAPTER

THREE

INSTALLATION

3.1 General

- install setuptools
- install unpackers for patool (optional)
- install patool (optional, easy_install does not work)
- install the program:

  ```
  # as root
  easy_install pyunpack
  ```

3.2 Ubuntu

```
sudo apt-get install python-setuptools
sudo easy_install pyunpack
#optional
sudo easy_install http://sourceforge.net/projects/patool/files/0.13/patool-0.13.tar.gz/download
sudo apt-get install unzip unrar p7zip-full
```

3.3 Uninstall

first install pip:

```
# as root
pip uninstall pyunpack
```

CHAPTER

FOUR

USAGE

```
>>> from pyunpack import Archive
>>> Archive('paver-minilib.zip').extractall('/tmp')
```

From console:

```
$ python -m pyunpack.cli  paver-minilib.zip /tmp
```

CHAPTER

FIVE

COMMAND LINE HELP

```
$ python -m pyunpack.cli --help
usage: cli.py [-h] [-b BACKEND] [-a] [--debug] filename directory

positional arguments:
  filename              path to archive file
  directory             directory to extract to

optional arguments:
  -h, --help            show this help message and exit
  -b BACKEND, --backend BACKEND
                        auto, patool or zipfile
  -a, --auto-create-dir
                        auto create directory
  --debug               set logging level to DEBUG
```

CHAPTER SIX

API

class `pyunpack.`**`Archive`**(*filename*, *backend='auto'*)

Parameters

- **backend** – `auto`, `patool` or `zipfile`
- **filename** – path to archive file

`extractall`(*directory*, *auto_create_dir=False*)

Parameters

- **directory** – directory to extract to
- **auto_create_dir** – auto create directory

`extractall_patool`(*directory*)

`extractall_zipfile`(*directory*)

exception `pyunpack.`**`PatoolError`**

`pyunpack.`**`check_patool`**()

`pyunpack.cli.`**`extractall`**(*filename*, *directory*, *backend='auto'*, *auto_create_dir=False*)

Parameters

- **backend** – auto, patool or zipfile
- **filename** – path to archive file
- **directory** – directory to extract to
- **auto_create_dir** – auto create directory

CHAPTER

SEVEN

INDICES AND TABLES

- *genindex*
- *modindex*
- *search*

PYTHON MODULE INDEX

INDEX