simpleinstall-v2

SimpleInstall v2 Packaging Tools

Description

Simple Install v2 is the official package format of UliCMS. It contains utils to build and manipulate package files in the *.sin format.

The SimpleInstall v2 Packaging Tools enables you to redistribute custom developed modules and themes for general usage.

Requirements

In order to use all of the supplied tool this requirements must be installed

Required Software

- Python 2.7 or newer
- Python argparse modul (should be included in most python distributions)
- Bash

Required Hard Skills

- How to use the Command line
- JSON

Setup

Copy the "bin" folder to a public place where all users have access. Add the path of the copied folder to your $PATH environment variable.

Set Path in Windows

On Unix-like systems such as macOS and Linux the change of %PATH depends on the operating system. Please refer your vendor's operating system documentation.

You maybe have to reboot your computer to make the changes persistent.

Content

The SimpleInstall v2 Packaging Tools contains these components

mk-sin-package.py - An util to build SimpleInstall v2 packages

sin2to1.py converts a SimpleInstall v2 package to a SimpleInstall v1 package which is basically a *.tar.gz file without metadata

sinextract.py extracts the content of a SimpleInstall v2 package.

count-lines.sh Counts the lines of code by programming language in current folder

example An example packaging project

Usage

Build a package

mk-sin-package.py builds a package. It needs a folder `src` containing all files of the module or theme and a `build.json` file containing metadata.

Please verify that only the required files are included. Don't include files of other components in your `src` folder.

An example packaging project is located in the `example` folder.

To build a package you have to open a terminal `cd` to the folder which contains the `build.json` file and then run `mk-sin-package.py`. The package will be built in the `dist/` folder

Screenshot

A screenshot can be included. Just add an image as screenshot.jpg in the same folder as the `build.json` is located.

License

You can place a file `LICENSE` containing a license agreement in the same folder as the `build.json` is located.

build.json attributes

The following attributes are supported:

id An unique identifier which is used as name for the package

version Version number

description A short description of the package

categories Categories / Tags

dependencies Modules which must be installed before the package can be installed

compatible_from Minium required UliCMS version

compatible_to Maximum required UliCMS version

Convert a SimpleInstall package

`sin2to1.py` converts a SimpleInstall v2 (*.sin) package to a SimpleInstall v1 (*.tar.gz*) package.

Example usage:

```
$ sin2to1.py my_package-1.0.sin$
```

Results in a file my_package-1.0.tar.gz in the same folder.

Extract data from a SimpleInstall v2 package

Extracts the data from a SimpleInstall v2 package

Example usage:

```
$ sinextract.py my_package-1.0.sin$
```

This commands results in a folder named `my_package-1.0` in the same folder.

Count lines of code

The bash shell script `count-lines.sh` counts the lines of code by language in the current folder and it's subfolders.

Example output

```
$ count-lines.sh
Lines of php Code:
169584
Lines of js Code:
103706
Lines of css Code:
66208
Lines of py Code:
0
```