sc-jsonnet Documentation

Release 0.3

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Contents

Build your snapcraft.yaml with jsonnet!

CHAPTER 1

Description

Use jsonnet syntax to build your snapcraft.yaml.

For information about jsonnet see https://jsonnet.org/

CHAPTER 2

Howto

First you need to get **sc-jsonnet** from the snap store. Either run:

```
sudo snap install sc-jsonnet
```

Or click the following button to go to the store where you can install it using the GUI:

Now you have the program you need to make a file called `snapcraft.jsonnet` in your snapcraft project at `./snap/local/snapcraft.jsonnet`. Add the following to begin with:

```
local snapcraft = import 'snapcraft.libsonnet';

snapcraft {
    name: "my-jsonnet-snap-name",
    version: "0.1",
    summary: "Single-line elevator pitch for your amazing snap",
    description: "This is my-snap's description. You have a paragraph or two to tell␣
↪the most important story about your snap. Keep it under 100 words though, we live␣
↪in tweetspace and your description wants to look good in the snap store.",
    grade: "devel",
    confinement: "devmode",

    parts: {
        "my-part": {
            plugin: "nil",
        },
    },
}
```

Finally we need to run the translation step to convert the jsonnet into yaml for `snapcraft` to use. First, we run `sc-jsonnet` without any parameters to see the yaml that will be produced:

```
sc-jsonnet
```

Now we have verified that everything works, we can run with `-o snap/snapcraft.yaml` to save into your project `snapcraft.yaml` for the snapcraft tool to use:

```
sc-jsonnet -o snap/snapcraft.yaml
```

CHAPTER 3

Note

This project has been set up using PyScaffold 3.2.1. For details and usage information on PyScaffold see https://pyscaffold.org/.

CHAPTER 4

Contents

4.1 Available libraries

Here we list the known libraries that have been written for **sc-jsonnet**. If you write a library that you would like to see featured here, please either open an issue or fork the repository and create a pull-request.

- snapcraft-utils-library Miscellaneous utilities for Snap packagers.
- snapcraft-alsa-lib ALSA for your snap package routing sound through Pulseaudio.

4.2 License

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4.3 Contributors

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4.4 Changelog

4.4.1 Version 0.3

- Drop `version` field from default values

4.4.2 Version 0.2

- Upgrade jsonnet to upstream version 0.15.0
- Enable test suite

4.4.3 Version 0.1

- Initial release

4.5 sc_jsonnet

4.5.1 sc_jsonnet package

Submodules

sc_jsonnet.cli module

This is the main sc-jsonnet file.

`sc_jsonnet.cli.`**`find_snapcraft_file`**(*dir*)

`sc_jsonnet.cli.`**`import_callback`**(*dir*, *rel*)

`sc_jsonnet.cli.`**`main`**(*args*)
Main entry point allowing external calls

Parameters **`args`** ([*str*]) – command line parameter list

`sc_jsonnet.cli.`**`parse_args`**(*args*)
Parse command line parameters

Parameters **`args`** ([*str*]) – command line parameters as list of strings

Returns command line parameters namespace

Return type argparse.Namespace

`sc_jsonnet.cli.`**`parse_snapcraft_file`**(*path*)

`sc_jsonnet.cli.`**`run`**()
Entry point for console_scripts

sc_jsonnet.cli.**setup_logging**(*loglevel*)
Setup basic logging

Parameters **loglevel** (*int*) – minimum loglevel for emitting messages

sc_jsonnet.cli.**try_path**(*dir*, *rel*)

Module contents

CHAPTER 5

Indices and tables

- genindex
- modindex
- search

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