
j2skaffold Documentation

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CHAPTER 1

j2skaffold

A simple `skaffold` wrapper with support for `jinja2` templating.

1.1 Status

build passing coverage 53%

1.2 Requirements

- Python 2.7 or Python 3.3+ or PyPy 2.4.0+

1.3 Setup

```
$ python -m pip install --user j2skaffold
or
(venv)$ python -m pip install j2skaffold
```

1.4 Usage

```
$ j2skaffold dev
```

will run `skaffold dev` after rendering the `skaffold.jinja2` file from the current directory.

```
$ j2skaffold dev --keep-yaml
```

will do the same, keeping the rendered `skaffold.yaml` file. (Useful for debugging.)

The following special variables are available:

- `skaffold_command` (`dev`, `build`, etc.)
- `current_profile` (value of the `-p` argument)

The following special yaml key can be used:

- `_set_profile: [name]` - sets the current profile using the `-p` argument. Should be always wrapped inside some `{% if not current_profile %}`, otherwise it will get passed through, and skaffold will fail with:

```
FATA[0000] creating runner: reading configuration: parsing skaffold config: parsing_
↳skaffold config: yaml: unmarshal errors:
line 2: field _set_profile not found in type v1alpha3.SkaffoldConfig
```

Example `skaffold.jinja2` demonstrating all the available features:

```
{% if skaffold_command == 'dev' and not current_profile %}
_set_profile: dev
{% endif %}
apiVersion: skaffold/v1alpha3
kind: Config
build:
  artifacts:
    - imageName: gcr.io/k8s-skaffold/skaffold-example-{{ current_profile }}
deploy:
  kubectl:
    manifests:
      - k8s-*
profiles:
{% for profile in ['dev', 'production'] %}
  - name: {{ profile }}
    # ... use any jinja2 syntax
{% endfor %}
```


CHAPTER 2

References

CHAPTER 3

ChangeLog

3.1 0.1.0 (2018-10-08)

- Initial release.

CHAPTER 4

Indices and tables

- `genindex`
- `modindex`
- `search`