

Does the Jinja2 templating language have the concept of 'here' (current directory)?

Asked 9 years, 6 months ago Active 12 months ago Viewed 21k times



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Does Jinja2 support template-relative paths e.g. `%(here)s/other/template.html` , to include other templates relative to the current template's place in the filesystem?

python

jinja2

asked Feb 1 '10 at 21:34



joeforker

24.7k

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4 Answers



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I do not believe so. Typically you include or extend other templates by specifying their paths relative to the root of whatever template loader and environment you're using.

So let's say your templates are all in `/path/to/templates` and you've set up Jinja like so:

```
import jinja2
template_dir = '/path/to/templates'
loader = jinja2.FileSystemLoader(template_dir)
environment = jinja2.Environment(loader=loader)
```

Now, if you'd like to include `/path/to/templates/includes/sidebar.html` in the `/path/to/templates/index.html` template, you'd write the following in your `index.html` :

```
{% include 'includes/sidebar.html' %}
```

and Jinja would figure out how to find it.

answered Feb 1 '10 at 22:38



Will McCutchen

11.6k

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Just to add to Will McCutchen's answer,

You can have multiple directories in your loader. It then searches in each of the directories (in order) until it finds the template.

for example, if you wanted to have "sidebar.html" instead of "/includes/sidebar.html" then have:

```
loader=jinja2.FileSystemLoader(
    [os.path.join(os.path.dirname(__file__),"templates/includes"),
     os.path.join(os.path.dirname(__file__),"templates")])
```

instead of

```
loader=jinja2.FileSystemLoader(os.path.join(os.path.dirname(__file__),"templates"))
```

answered Mar 19 '12 at 0:42



[robert king](#)

10.2k 6 55 92

According to the documentation for [jinja2.Environment.join_path\(\)](#), support for relative template paths is possible by overriding join_path() to implement "template path joining".

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```
class RelEnvironment(jinja2.Environment):
    """Override join_path() to enable relative template paths."""
    def join_path(self, template, parent):
        return os.path.join(os.path.dirname(parent), template)
```

answered Sep 7 '10 at 5:02



[Garrett](#)

24.8k 4 46 45

The cleanest way to overcome this limitation, would be with a jinja2 extension that will allow to [import relative template names](#)

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Something in the likes of:

```
from jinja2.ext import Extension
import re

class RelativeInclude(Extension):
    """Allows to import relative template names"""
    tags = set(['include2'])

    def __init__(self, environment):
        super(RelativeInclude, self).__init__(environment)
        self.matcher = re.compile("\\.+")

    def parse(self, parser):
        node = parser.parse_include()
        template = node.template.as_const()
        if template.startswith("."):
            # determine the number of go ups
            up = len(self.matcher.match(template).group())
            # split the current template name into path elements
            # take elements minus the number of go ups
```

```
seq = parser.name.split("/")[:-up]
# extend elements with the relative path elements
seq.extend(template.split("/") [1:])
template = "/".join(seq)
node.template.value = template
return node
```

answered Jul 6 '14 at 20:48

**Janusz Skonieczny****9,042** 7 41 53