Jinja

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# Jinja

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| **Definition:**   * Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax for Python. * Python template engine used to create HTML, XML or other markup formats that are returned to the user via an HTTP response. * Jinja is a general purpose template engine and not only used for HTML/XML generation. Jinja can generate LaTeX, emails, CSS, JavaScript, or configuration files. | **Templating engine**   * What are templating engines used for? * A template engine enables you to use static template files in your application. At runtime, the template engine replaces variables in a template file with actual values, and transforms the template into an HTML file sent to the client. * This approach makes it easier to design an HTML page. |
| * templating language essentially contain variables as well as some programming logic, which when evaluated (or rendered into HTML) are replaced with actual values. | * Flask comes packaged with the powerful Jinja templating language. |

# {% set %}

|  |  |
| --- | --- |
| Currently, {% set %} allows only for assigning Jinja expressions to variables:  {% set foo = 'bar' %} | <https://github.com/pallets/jinja/issues/232> |

# {% do %}

|  |  |
| --- | --- |
| The “do” aka expression-statement extension adds a simple do tag to the template engine that works like a variable expression but ignores the return value. | Import name: jinja2.ext.do |
| <https://svn.python.org/projects/external/Jinja-2.1.1/docs/_build/html/extensions.html> |  |

<https://jinja.palletsprojects.com/en/3.0.x/>

<https://jinja.palletsprojects.com/en/3.0.x/templates/>

[**https://github.com/pallets/jinja**](https://github.com/pallets/jinja)

# Reference

* [Primer on Jinja Templating](https://realpython.com/primer-on-jinja-templating/)
* [**Introduction to ApplicationHost.config**](https://docs.microsoft.com/en-us/iis/get-started/planning-your-iis-architecture/introduction-to-applicationhostconfig)
* [**https://jinja.palletsprojects.com/en/2.10.x/tricks/**](https://jinja.palletsprojects.com/en/2.10.x/tricks/)
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