
PyMarkup Documentation

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Bluepython508

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CHAPTER 1

Quickstart

A basic example:

```
from pymarkup import MarkupBuilder

t = MarkupBuilder()

with t: # <html> tag
    with t.h1(id='HelloWorld'): # Attribute access creates new element, and call_
        ↪ adds attributes to tag
        t + 'Hello World!' # Add child text to tag

    with t.a(href="github.com"):
        t + t.img(src="i_am_an_image.png") # Self-closing tags are added with +

    with t.ul:
        for x in range(2):
            with t.li:
                t + x
```

`repr(t)` gives:

```
<html>
<h1 id="HelloWorld">
Hello World!
</h1>
<a href="github.com">
</a>
<ul>
<li>
0
</li>
<li>
1
</li>
</ul>
</html>
```


class pymarkup.**MarkupBuilder** (*element: str = 'html', text: `_io.StringIO` = `<factory>`, attrs: Dict = `<factory>`)*

Build basic XML-style markup from context managers.

Instances of this class are individual tags with their own attributes. They can be used in context managers multiple times.

element

The element name to use this tag as (default 'html')

Type `str`

text

The cumulative text generated by this instance. It is automatically passed down to children, and is created by default, so it is not necessary to pass it in most of the time.

Type File-like object

attrs

The attributes to put in the opening tag

Type `dict`

__add__ (*other*)

Add `other` to current text.

If `other` is a `MarkupBuilder` just run `MarkupBuilder.self_closing()` on it, otherwise add `str(other)` to `self.text`.

Parameters `other` (`Union[str, MarkupBuilder]`) – The other object to add.

__call__ (***kwargs*)

Change this instance's `attrs` to `kwargs`.

__enter__ ()

Add opening tag, e.g. `<html>`

__exit__ (*exc_type, exc_val, exc_tb*)

Add closing tag, e.g. `</html>`

__getattr__ (*item*)

Return a child of this MarkupBuilder with `item` as the MarkupBuilder.element

__repr__ ()

Get the final XML for this MarkupBuilder

__weakref__

list of weak references to the object (if defined)

self_closing ()

Add self-closing tag, e.g. ``

CHAPTER 3

Indices and tables

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

Symbols

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