



 Source > Component extensions

Component extensions

Simple extensions to standard HTML components, such as adding sensible defaults

```
from pprint import pprint
```

A

[source](#)

```
A (*c, hx_get=None, target_id=None, hx_swap=None, href='#', hx_vals=None,
   id=None, cls=None, title=None, style=None, accesskey=None,
   contenteditable=None, dir=None, draggable=None, enterkeyhint=None,
   hidden=None, inert=None, inputmode=None, lang=None, popover=None,
   spellcheck=None, tabindex=None, translate=None, hx_post=None,
   hx_put=None, hx_delete=None, hx_patch=None, hx_trigger=None,
   hx_target=None, hx_swap_oob=None, hx_include=None, hx_select=None,
   hx_select_oob=None, hx_indicator=None, hx_push_url=None,
   hx_confirm=None, hx_disable=None, hx_replace_url=None,
   hx_disabled_elt=None, hx_ext=None, hx_headers=None, hx_history=None,
   hx_history_elt=None, hx_inherit=None, hx_params=None,
   hx_preserve=None, hx_prompt=None, hx_request=None, hx_sync=None,
   hx_validate=None, **kwargs)
```

An A tag: *href* defaults to '#' for more concise use with HTMX

```
A('text', ht_get='/get', target_id='id')
```

```
<a href="#" ht-get="/get" hx-target="#id">text</a>
```

AX

[source](#)

```
AX (txt, hx_get=None, target_id=None, hx_swap=None, href='#',
    hx_vals=None, id=None, cls=None, title=None, style=None,
    accesskey=None, contenteditable=None, dir=None, draggable=None,
    enterkeyhint=None, hidden=None, inert=None, inputmode=None,
    lang=None, popover=None, spellcheck=None, tabindex=None,
    translate=None, hx_post=None, hx_put=None, hx_delete=None,
    hx_patch=None, hx_trigger=None, hx_target=None, hx_swap_oob=None,
    hx_include=None, hx_select=None, hx_select_oob=None,
    hx_indicator=None, hx_push_url=None, hx_confirm=None,
    hx_disable=None, hx_replace_url=None, hx_disabled_elt=None,
    hx_ext=None, hx_headers=None, hx_history=None, hx_history_elt=None,
```

```
hx_inherit=None, hx_params=None, hx_preserve=None, hx_prompt=None,
hx_request=None, hx_sync=None, hx_validate=None, **kwargs)
```

An A tag with just one text child, allowing `hx_get`, `target_id`, and `hx_swap` to be positional params

```
AX('text', '/get', 'id')
```

```
<a href="#" hx-get="/get" hx-target="#id">text</a>
```

Forms

Form

[source](#)

```
Form (*c, enctype='multipart/form-data', target_id=None, hx_vals=None,
      id=None, cls=None, title=None, style=None, accesskey=None,
      contenteditable=None, dir=None, draggable=None, enterkeyhint=None,
      hidden=None, inert=None, inputmode=None, lang=None, popover=None,
      spellcheck=None, tabindex=None, translate=None, hx_get=None,
      hx_post=None, hx_put=None, hx_delete=None, hx_patch=None,
      hx_trigger=None, hx_target=None, hx_swap=None, hx_swap_oob=None,
      hx_include=None, hx_select=None, hx_select_oob=None,
      hx_indicator=None, hx_push_url=None, hx_confirm=None,
      hx_disable=None, hx_replace_url=None, hx_disabled_elt=None,
      hx_ext=None, hx_headers=None, hx_history=None, hx_history_elt=None,
      hx_inherit=None, hx_params=None, hx_preserve=None, hx_prompt=None,
      hx_request=None, hx_sync=None, hx_validate=None, **kwargs)
```

A Form tag; identical to plain [ft_hx](#) version except default `enctype='multipart/form-data'`

Hidden

[source](#)

```
Hidden (value:Any='', id:Any=None, target_id=None, hx_vals=None,
        cls=None, title=None, style=None, accesskey=None,
        contenteditable=None, dir=None, draggable=None,
        enterkeyhint=None, hidden=None, inert=None, inputmode=None,
        lang=None, popover=None, spellcheck=None, tabindex=None,
        translate=None, hx_get=None, hx_post=None, hx_put=None,
        hx_delete=None, hx_patch=None, hx_trigger=None, hx_target=None,
        hx_swap=None, hx_swap_oob=None, hx_include=None, hx_select=None,
        hx_select_oob=None, hx_indicator=None, hx_push_url=None,
        hx_confirm=None, hx_disable=None, hx_replace_url=None,
        hx_disabled_elt=None, hx_ext=None, hx_headers=None,
        hx_history=None, hx_history_elt=None, hx_inherit=None,
        hx_params=None, hx_preserve=None, hx_prompt=None,
        hx_request=None, hx_sync=None, hx_validate=None, **kwargs)
```

An Input of type 'hidden'

CheckboxX

```
CheckboxX (checked:bool=False, label=None, value='1', id=None, name=None,
          target_id=None, hx_vals=None, cls=None, title=None,
          style=None, accesskey=None, contenteditable=None, dir=None,
          draggable=None, enterkeyhint=None, hidden=None, inert=None,
          inputmode=None, lang=None, popover=None, spellcheck=None,
          tabindex=None, translate=None, hx_get=None, hx_post=None,
          hx_put=None, hx_delete=None, hx_patch=None, hx_trigger=None,
          hx_target=None, hx_swap=None, hx_swap_oob=None,
          hx_include=None, hx_select=None, hx_select_oob=None,
          hx_indicator=None, hx_push_url=None, hx_confirm=None,
          hx_disable=None, hx_replace_url=None, hx_disabled_elt=None,
          hx_ext=None, hx_headers=None, hx_history=None,
          hx_history_elt=None, hx_inherit=None, hx_params=None,
          hx_preserve=None, hx_prompt=None, hx_request=None,
          hx_sync=None, hx_validate=None, **kwargs)
```

A Checkbox optionally inside a Label, preceded by a [Hidden](#) with matching name

```
show(CheckboxX(True, 'Check me out!'))
```

☒ Check me out!

Script

[source](#)

```
Script (code:str='', id=None, cls=None, title=None, style=None,
        attrmap=None, valmap=None, ft_cls=None, auto_id=None, **kwargs)
```

A Script tag that doesn't escape its code

Style

[source](#)

```
Style (*c, id=None, cls=None, title=None, style=None, attrmap=None,
       valmap=None, ft_cls=None, auto_id=None, **kwargs)
```

A Style tag that doesn't escape its code

Style and script templates

double_braces

[source](#)

```
double_braces (s)
```

Convert single braces to double braces if next to special chars or newline

undouble_braces

[source](#)

```
undouble_braces (s)
```

Convert double braces to single braces if next to special chars or newline

loose_format

[source](#)

```
loose_format (s, **kw)
```

String format *s* using *kw*, without being strict about braces outside of template params

ScriptX

[source](#)

```
ScriptX (fname, src=None, nomodule=None, type=None, _async=None,
         defer=None, charset=None, crossorigin=None, integrity=None,
         **kw)
```

A *script* element with contents read from *fname*

replace_css_vars

[source](#)

```
replace_css_vars (css, pre='tpl', **kwargs)
```

Replace *var(--)* CSS variables with *kwargs* if name prefix matches *pre*

StyleX

[source](#)

```
StyleX (fname, **kw)
```

A *style* element with contents read from *fname* and variables replaced from *kw*

Nbsp

[source](#)

```
Nbsp ()
```

A non-breaking space

Surreal and JS

Surreal

[source](#)

```
Surreal (code:str)
```

Wrap *code* in *domReadyExecute* and set *m=me()* and *p=me('-')*

On

[source](#)

```
On (code:str, event:str='click', sel:str='', me=True)
```

An async *surreal.js* script block event handler for *event* on selector *sel,p*, making available parent *p*, event *ev*, and target *e*

Prev

[source](#)

```
Prev (code:str, event:str='click')
```

An async *surreal.js* script block event handler for *event* on previous sibling, with same vars as [On](#)

Now

[source](#)

```
Now (code:str, sel:str='')
```

An async *surreal.js* script block on selector *me(sel)*

AnyNow

[source](#)

```
AnyNow (sel:str, code:str)
```

An async *surreal.js* script block on selector *any(sel)*

run_js

[source](#)

```
run_js (js, id=None, **kw)
```

Run *js* script, auto-generating *id* based on name of caller if needed, and js-escaping any *kw* params

HtmxOn

[source](#)

```
HtmxOn (eventname:str, code:str)
```

jsd

[source](#)

```
jsd (org, repo, root, path, prov='gh', typ='script', ver=None, esm=False,
    **kwargs)
```

jsdelivr [Script](#) or CSS [Link](#) tag, or URL

Other helpers

Titled

[source](#)

```
Titled (title:str='FastHTML app', *args, cls='container', target_id=None,
    hx_vals=None, id=None, style=None, accesskey=None,
    contenteditable=None, dir=None, draggable=None,
    enterkeyhint=None, hidden=None, inert=None, inputmode=None,
    lang=None, popover=None, spellcheck=None, tabindex=None,
    translate=None, hx_get=None, hx_post=None, hx_put=None,
    hx_delete=None, hx_patch=None, hx_trigger=None, hx_target=None,
    hx_swap=None, hx_swap_oob=None, hx_include=None, hx_select=None,
    hx_select_oob=None, hx_indicator=None, hx_push_url=None,
    hx_confirm=None, hx_disable=None, hx_replace_url=None,
    hx_disabled_elt=None, hx_ext=None, hx_headers=None,
    hx_history=None, hx_history_elt=None, hx_inherit=None,
    hx_params=None, hx_preserve=None, hx_prompt=None,
    hx_request=None, hx_sync=None, hx_validate=None, **kwargs)
```

An HTML partial containing a [Title](#), and [H1](#), and any provided children

Socials

[source](#)

```
Socials (title, site_name, description, image, url=None, w=1200, h=630,
    twitter_site=None, creator=None, card='summary')
```

OG and Twitter social card headers

Favicon

[source](#)

```
Favicon (light_icon, dark_icon)
```

Light and dark favicon headers

clear


[source](#)

```
clear (id)
```

with_sid

[source](#)

```
with_sid (app, dest, path='/')
```

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