

# msaJustPyUI Module

## .jpcore.webpage

Created on 2022-09-02 modified version, original from JustPy @author: wf (modification swelcker)

## Classes

### WebPage

a web page

#### Attributes

allowed\_events class-attribute

```
allowed_events = [  
    "click",  
    "visibilitychange",  
    "page_ready",  
    "result_ready",  
    "keydown",  
    "keyup",  
    "keypress",  
]
```

body\_classes instance-attribute

```
body_classes = ''
```

body\_html instance-attribute

```
body_html = ''
```

body\_style instance-attribute

```
body_style = ''
```

cache instance-attribute

```
cache = None
```

components instance-attribute

```
components = []
```

cookies instance-attribute

```
cookies = {}
```

CSS instance-attribute

```
css = ''
```

dark instance-attribute

```
dark = False
```

data instance-attribute

```
data = {}
```

debug class-attribute

```
debug: bool = False
```

delete\_flag class-attribute

```
delete_flag: bool = True
```

display\_url instance-attribute

```
display_url = None
```

events instance-attribute

```
events = []
```

favicon instance-attribute

```
favicon = None
```

head\_html instance-attribute

```
head_html = ''
```

highcharts\_theme class-attribute

```
highcharts_theme: bool = None
```

html instance-attribute

```
html = ''
```

instances class-attribute

```
instances: Dict = {}
```

next\_page\_id class-attribute

```
next_page_id: int = 0
```

open instance-attribute

```
open = None
```

page\_id instance-attribute

```
page_id = WebPage.next_page_id
```

redirect instance-attribute

```
redirect = None
```

reload\_interval instance-attribute

```
reload_interval = None
```

sockets class-attribute

```
sockets: Dict = {}
```

tailwind class-attribute

```
tailwind: bool = True
```

template\_file instance-attribute

```
template_file = 'tailwind.html'
```

title instance-attribute

```
title = 'JustPy'
```

use\_cache instance-attribute

```
use_cache = False
```

use\_websockets class-attribute

```
use_websockets: bool = True
```

## Functions

**`__add__`**

```
__add__(other)
```

**`__iadd__`**

```
__iadd__(other)
```

**`__init__`**

```
__init__(**kwargs)
```

**`__len__`**

```
__len__()
```

## **\_\_repr\_\_**

```
__repr__()
```

## **add**

```
add(*args)
```

## **add\_component**

```
add_component(child, position = None)
```

## **add\_event**

```
add_event(event)
```

## **build\_list**

```
build_list()
```

## **delayed\_update** async

```
delayed_update(delay)
```

## **delete\_components**

```
delete_components()
```

## **delete\_cookie**

```
delete_cookie(k)
```

## **get\_components**

```
get_components()
```

## **last**

```
last()
```

## on

```
on(event_type: str, func: typing.Callable)
```

add an event of the given event\_type with the given function

PARAMETER	DESCRIPTION
<code>event_type</code>	the type of the event without on_prefix <b>TYPE:</b> <code>str</code>
<code>func</code>	the function to call (Callable) <b>TYPE:</b> <code>typing.Callable</code>

## on\_disconnect `async`

```
on_disconnect(websocket = None)
```

## react

```
react()
```

## reload `async`

```
reload()
```

## remove

```
remove(component)
```

## remove\_component

```
remove_component(component)
```

## remove\_page

```
remove_page()
```

### run\_event\_function async

```
run_event_function(  
    event_type, event_data, create_namespace_flag=True  
)
```

### run\_javascript async

```
run_javascript(  
    javascript_string, *, request_id=None, send=True  
)
```

### set\_cookie

```
set_cookie(k, v)
```

### to\_html

```
to_html(indent = 0, indent_step = 0, format = True)
```

### update async

```
update(websocket = None)
```

update the Webpage

PARAMETER	DESCRIPTION
<code>websocket</code>	The websocket to use (if any) <b>DEFAULT:</b> <code>None</code>

### update\_old async

```
update_old(*, built_list = None)
```

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