

API Documentation

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1 Module module_Web

Module with classes definitions and methods for creating the Web Page

1.1 Variables

Name	Description
QM	Value: ''
--package--	Value: None

1.2 Class Image

Model for an *image tag* in HTML language

1.2.1 Methods

```
_init_(self, fileName, directory='http://127.0.0.1/html5/images/', classtype='',
extraparams='')
```

Image class initializer.

Parameters

fileName: : Line from the file output.txt (*string*).
directory: : absolute path to image's directory (*string*).
classtype: : (*string*).
extraparams: : (*string*).

```
write(self)
```

Return Value

string with the HTML code for the **Image structure** for being used in other structures.

1.3 Class Input

Model for an *input tag* <input/> in HTML language

1.3.1 Methods

```
__init__(self, _type, _id='', name='', value='', classtype='', event='')
```

Input class initializer.

Parameters

_type: : Type of input: “file”, “submit” or “button” (*string*).
_id: : Identifier (*string*).
name: : (*string*).
value: : (*string*).
classtype: : (*string*).
event: : Describes what to do when a specif event take place: “onclick” (*string*).

Raises

ArgumentError : Raised when *_type* is not on its list values.

```
write(self)
```

Return Value

string with the HTML code for the **Input structure** for being used in other structures.

1.4 Class Form

Model for a *form tag* `<form></form>` in HTML language

1.4.1 Methods

```
__init__(self, content, action, enctype='multipart/form-data', method='post', _id='', classtype='')
```

Form class initializer.

Parameters

content: : Content of the form. Usually with text and input elements inside. (*string*).

action: : Indicates the URL which processes the form data. (*string*).

enctype: : Type of codification: “multipart/form-data” or “application/x-www-form-urlencoded”. (*string*).

method: : HTTP method for sending the form: “post” or “get”. (*string*).

_id: : Identifier (*string*).

classtype: : (*string*).

Raises

ArgumentError : Raised when *enctype* or *method* is not on their list values.

```
write(self)
```

Return Value

string with the HTML code for the **Form structure** for being used in other structures.

1.5 Class DIV

Model for a *div tag* <div></div> in HTML language

1.5.1 Methods

```
__init__(self, content, _id='', classtype='')
```

Form class initializer.

Parameters

content: : Content of the form. Usually with text and tags elements inside. (*string*).

_id: : Identifier (*string*).

classtype: : (*string*).

```
write(self)
```

Return Value

string with the HTML code for the **DIV structure** for being used in other structures.

1.6 Class HTML

Model for a *htmltag* `<html></html>` in HTML language

1.6.1 Methods

```
__init__(self, title_TAB='', style_Files=[], script_Files=[], header='', html_Body='', footer='')
```

Form class initializer.

Parameters

title_TAB: : This text will be displayed in the tab browser. (*string*).
style_Files: : Stores the names of the .css files (*string*).
script_Files: : Stores the names of the .js (javascript) files (*string*).
header: : The main and bigger text of the website. (*string*).
html_Body: : (*string*).
footer: : (*string*).

```
addTitle(self, title_TAB)
```

```
add_styleFiles(self, fileName)
```

```
add_scriptFiles(self, fileName)
```

```
addHeader(self, header)
```

```
addBody(self, content)
```

```
addFooter(self, footer)
```

```
__str__(self)
```

Return Value

string with the HTML code for the **HTML structure**.

WriteHTMLfile(*self*, *fileName*)

Prints the html code in an output file.

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