# Group 12 - Reference type documentation (so far)

GitHub link: <https://github.com/norwen3/Silhouette>

## Packages

|  |  |
| --- | --- |
| Package | Description |
| Silhouette.Element | Provides the classes for making HTML elements. |
| Silhouette.Component | Provides the classes necessary to generate HTML and CSS. |

## Classes

### Silhouette.Element

|  |  |
| --- | --- |
| Class | Description |
| Anchor | Represents an Anchor tag in HTML. |
| Closed | Generic for any HTML tag without closing </>. |
| Container | Any semantic tag that usually contains more than one element. |
| Element | Generic type for all HTML elements in framework (abstract class). |
| Fieldset | Container representation of fields for forms. |
| Form | Represents a form HTML tag (takes fieldset as argument). |
| ListElement | List representation both unordered and ordered (not descriptive list). |
| OpenClosed | Generic for all open and closing tags. |

### Silhouette.Component

|  |  |
| --- | --- |
| Class | Description |
| Page | Representation of a webpage, this is where all Elements and Components will be gathered and stored. |

## Methods

### Anchor

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| void | setLinkText()  Sets the link text of the anchor. |
| void | stringToLink(String textMatch)  Makes a specific text (within a parapgraph or without) into an anchor. |

### Closed

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| N/A | N/A |

### Container

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| N/A | N/A |

### Element

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| void | setAttribute(String attribute, String value)  Sets a specified attribute with value on an html element (e.g. width). |

### Fieldset

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| void | addField(Element element).  Adds a field element to the Field Set |
| void | addLabel(String label)  Adds a label element to a field. |

### Form

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| void | addFieldSet(FieldSet field)  Adds a Field Set to the Form. |
| void | setMethod(String type)  Sets the sending method type (GET or POST). |
| void | setAction(String url)  Sets the php-page to use for sending information. |

### ListElement

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| void | addListItem(String item)  Adds a List Item to the List Element. |

### OpenClosed

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| void | addText(String text)  Adds text to the open-and-close element. |
| void | addParagraph(String text)  Adds a paragraph to the open-and-close element. |
| void | addElement(Element item)  Adds an element to the open-and-close element. |
| void | addHeading(String level, String text)  Adds a heading with specified level (h1 – h6) to the open-and-close element. |

### Page

|  |  |
| --- | --- |
| Modifier and Type | Method and Description |
| public void | setTitle(String title)  Sets the title of the Page. |
| public void | append(Element element)  Appends (Adds) a specified element to the Page. |
| public void | initialize()  Starts the html generation. |
| public void | setMetaName(String name, String content)  Sets meta tag with name and content attributes. |
| public void | setMetaProperty(String property, String content)  Sets meta tag with property and content attributes. |
| public void | setMetaHttpEquiv(String http\_equiv, String content)  Sets meta tag with http-equiv and content attributes. |
| public void | setMetaCharset(String charset)  Sets meta tag with charset attribute. |
| public void | setMetaDataAsHTML(String html)  Sets meta tag with user-made HTML. |
| public void | setLink(String rel, String href)  Sets link tag with rel and href attributes. |
| public void | setLink(String rel, String href, String title)  Sets link tag with rel, href and title attributes. |
| public void | setLinkSize(String rel, String href, String sizes)  Sets link tag with rel, href and sizes attributes. |
| public void | setLinkSize(String rel, String href, String sizes, String title)  Sets link tag with rel, href, sizes and title attributes. |
| public void | setLinkType(String rel, String href, String type)  Sets link tag with rel, href, type attributes. |
| public void | setLinkType(String rel, String href, String type, String title)  Sets link tag with rel, href, type and title attributes. |
| public void | setLinkMedia(String rel, String href, String type, String media)  Sets link tag with rel, href, type and media attributes. |
| public void | setLinkMedia(String rel, String href, String type, String media, String title)  Sets link tag with rel, href, type, media and title attributes. |