

Element

Parent Class of all APIModel Elements. It provides the necessary properties and methods to manipulate the model.

- **Properties**
 - id
 - type
 - index
 - parent
 - nextSibling
 - previousSibling
 - firstChild
 - lastChild
 - children
 - siblings
 - nextSiblings
 - previousSiblings
 - options
 - skipUndoRedo
 - skipRendering
- **Methods**
 - closest(condition)
 - setId(id)
 - setStyle(cssText)
 - empty()

Properties

id

- <String>

Element ID

type

- <String>

Element Type

index

- <Number>

Current index

parent

- <Element>

Parent APIModel

nextSibling

- <Element>

Next Sibling APIModel

previousSibling

- <Element>

Previous Sibling APIModel

firstChild

- <Element>

First child APIModel

lastChild

- <Element>

Last child APIModel

children

- <Element[]>

Child APIModels (array)

siblings

- <Element[]>

Sibling APIModels (array)

nextSiblings

- <Element[]>

Next sibling APIModels (array)

previousSiblings

- <Element[]>

Previous sibling APIModels (array)

options

- <Object>
 - skipUndoRedo<Boolean>
 - skipRendering<Boolean>

Options object

skipUndoRedo

- <Boolean>

undo, redo

skipRendering

- <Boolean>

Whether to omit undo and redo when editing

Methods

closest(condition)

- condition <Function> function to test each element
 - The first argument of the condition function: Current API model Element
 - return of condition function: <Boolean>
- Returns: <Element> API model Element

Returns the API model that meets the criteria among the parent API models.

```
var run = editor.getAPIModelById('id');
var body = run.closest(function(apiModel){
    return apiModel.type === 'Body';
});
```

setId(id)

- id <String> ID value to set in the model

Set ID.

```
var element = editor.getAPIModelById('id');
element.setId('test_setId');
```

setStyle(cssText)

- cssText <String> A string in the style attribute in the HTML DOM

Set style.

```
var element = editor.getAPIModelById('id');
element.setStyle('background-color: red;');
```

empty()

Remove all child elements.

IF ALL CHILD ELEMENTS ARE REMOVED, AN ERROR MAY OCCUR IN SUBSEQUENT OPERATIONS.

```
var element = editor.getAPIModelById('id');
element.empty();
```