

# 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();
```