

parent()

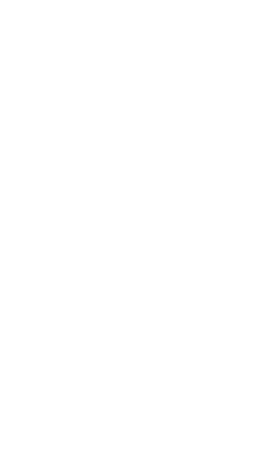
Attaches the element to a parent element.

For example, a `div` element may be used as a box to hold two pieces of text, a header and a paragraph. The `<div></div>` is the parent element of both the header and paragraph.

The parameter `parent` can have one of three types. `parent` can be a string with the parent element's ID, as in `myElement.parent('container')`. It can also be another `p5.Element` object, as in `myElement.parent(myDiv)`. Finally, `parent` can be an `HTMLElement` object, as in `myElement.parent(anotherElement)`.

Calling `myElement.parent()` without an argument returns the element's parent.

Examples



```
function setup() {
  background(200);

  // Create a div element.
  let div = createDiv();

  // Place the div in the top-left corner.
  div.position(10, 20);

  // Set its width and height.
  div.size(80, 60);

  // Set its background color to white
  div.style('background-color', 'white');

  // Align any text to the center.
  div.style('text-align', 'center');

  // Set its ID to "container".
  div.id('container');

  // Create a paragraph element.
  let p = createP('p5*js');

  // Make the div its parent
  // using its ID "container".
  p.parent('container');

  describe('The text "p5*js" written in black
at the center of a white rectangle. The
rectangle is inside a gray square.');
}
```

```
function setup() {
  background(200);

  // Create rectangular div element.
  let div = createDiv();

  // Place the div in the top-left corner.
  div.position(10, 20);

  // Set its width and height.
  div.size(80, 60);

  // Set its background color and align
  // any text to the center.
  div.style('background-color', 'white');
  div.style('text-align', 'center');

  // Create a paragraph element.
  let p = createP('p5*js');

  // Make the div its parent.
  p.parent(div);

  describe('The text "p5*js" written in black
at the center of a white rectangle. The
rectangle is inside a gray square.');
}
```

```
function setup() {
  background(200);

  // Create rectangular div element.
  let div = createDiv();

  // Place the div in the top-left corner.
  div.position(10, 20);

  // Set its width and height.
  div.size(80, 60);

  // Set its background color and align
  // any text to the center.
  div.style('background-color', 'white');
  div.style('text-align', 'center');

  // Create a paragraph element.
  let p = createP('p5*js');

  // Make the div its parent
  // using the underlying
  // HTMLElement.
  p.parent(div.elt);

  describe('The text "p5*js" written in black
at the center of a white rectangle. The
rectangle is inside a gray square.');
}
```

Syntax

`parent(parent)`

`parent()`

Parameters

`parent` String|`p5.Element`|Object: ID, `p5.Element`, or `HTMLElement` of desired parent element.

This page is generated from the comments in `src/core/p5.Element.js`. Please feel free to edit it and submit a pull request!

Related References

`addClass`

Adds a class to the element.

`attribute`

Adds an attribute to the element.

`center`

Centers the element either vertically, horizontally, or both.

`child`

Attaches the element as a child of another element.

`p5.js`

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