

getChild()

Returns the first matching child element as a new p5.XML object.

The parameter, `name`, is optional. If a string is passed, as in `myXML.getChild('cat')`, then the first child element with the tag `<cat></cat>` will be returned. If a number is passed, as in `myXML.getChild(1)`, then the child element at that index will be returned.

Examples



```
let myXML;

// Load the XML and create a p5.XML object.
function preload() {
  myXML = loadXML('/assets/animals.xml');
}

function setup() {
  createCanvas(100, 100);

  background(200);

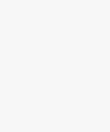
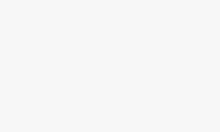
  // Get the first child element that is a mammal.
  let goat = myXML.getChild('mammal');

  // Style the text.
  textAlign(CENTER, CENTER);
  textFont('Courier New');
  textSize(14);

  // Get the child element's content.
  let content = goat.getContent();

  // Display the child element's content.
  text(content, 50, 50);

  describe('The word "Goat" written in black on a gray background.');
}
```



```
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// Load the XML and create a p5.XML object.
function preload() {
  myXML = loadXML('/assets/animals.xml');
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function setup() {
  createCanvas(100, 100);

  background(200);

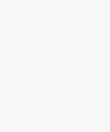
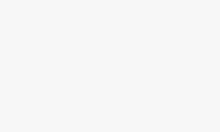
  // Get the child element at index 1.
  let leopard = myXML.getChild(1);

  // Style the text.
  textAlign(CENTER, CENTER);
  textFont('Courier New');
  textSize(14);

  // Get the child element's content.
  let content = leopard.getContent();

  // Display the child element's content.
  text(content, 50, 50);

  describe('The word "Leopard" written in black on a gray background.');
}
```



Syntax

```
getChild(name)
```



Parameters

`name` String|Integer: element name or index.

Returns

p5.XML: child element.

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

| addChild | getAttributeCount | getChild | getChildren |
|---|---|--|---|
| Adds a new child element and returns a reference to it. | Returns the number of attributes the element has. | Returns the first matching child element as a new p5.XML object. | Returns an array with the element's child elements as new p5.XML objects. |

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