

Examples

Turtle: Caretta caretta

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```
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 reptile child element.
  let reptile = myXML.getChild('reptile');

  // Get the reptile's content.
  let content = reptile.getContent();

  // Get the reptile's species.
  let species = reptile.getString('species');

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

  // Display the species attribute.
  text(`${content}: ${species}`, 5, 50, 90);

  describe(`The text "${content}: ${species}" written in black on a gray background.`);
}
```

▶

■

```
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 reptile child element.
  let reptile = myXML.getChild('reptile');

  // Get the reptile's content.
  let content = reptile.getContent();

  // Get the reptile's color.
  let attribute = reptile.getString('color', 'green');

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

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

  describe(`The text "${content}" written in green on a gray background.`);
}
```

Syntax

```
getString(name, [defaultValue])
```

Parameters

- name

String: name of the attribute to be checked.
- defaultValue

Number: value to return if the attribute doesn't exist.

Returns

String: attribute value as a string.

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

Related References

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