

httpGet()

Method for executing an HTTP GET request. If data type is not specified, p5 will try to guess based on the URL, defaulting to text. This is equivalent to calling `httpDo(path, 'GET')`. The 'binary' datatype will return a Blob object, and the 'arrayBuffer' datatype will return an ArrayBuffer which can be used to initialize typed arrays (such as Uint8Array).

Examples

```
// Examples use USGS Earthquake API:  
// https://earthquake.usgs.gov/fdsnws/event/1/#methods  
let earthquakes;  
function preload() {  
    // Get the most recent earthquake in the database  
    let url =  
        'https://earthquake.usgs.gov/fdsnws/event/1/query?' +  
        'format=geojson&limit=1&orderby=time';  
    httpGet(url, 'json', false, function(response) {  
        // when the HTTP request completes, populate the variable that holds the  
        // earthquake data used in the visualization.  
        earthquakes = response;  
    });  
}  
  
function draw() {  
    if (!earthquakes) {  
        // Wait until the earthquake data has loaded before drawing.  
        return;  
    }  
    background(200);  
    // Get the magnitude and name of the earthquake out of the loaded JSON  
    let earthquakeMag = earthquakes.features[0].properties.mag;
```

Syntax

```
httpGet(path, [datatype], [data], [callback], [errorCallback])
```

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Parameters

path	String: name of the file or url to load
datatype	String: "json", "jsonp", "binary", "arrayBuffer", "xml", or "text"
data	Object Boolean: param data passed sent with request
callback	Function: function to be executed after <code>httpGet()</code> completes, data is passed in as first argument
errorCallback	Function: function to be executed if there is an error, response is passed in as first argument

Returns

Promise: A promise that resolves with the data when the operation completes successfully or rejects with the error after one occurs.

This page is generated from the comments in [src/io/files.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.

