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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])

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

httpGet(path, callback, [errorCallback])

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 httpGet() 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.
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