

saveStrings()

Saves an `Array of Strings` to a file, one per line.

The first parameter, `list`, is an array with the strings to save.

The second parameter, `filename`, is a string that sets the file's name. For example, calling `saveStrings(['0', '01', '011'], 'data.txt')` saves the array `['0', '01', '011']` to a file called `data.txt` on the user's computer.

The third parameter, `extension`, is optional. If a string is passed, as in `saveStrings(['0', '01', '01'], 'data', 'txt')`, the second parameter will be interpreted as the file name and the third parameter as the extension.

The fourth parameter, `isCRLF`, is also optional. If `true` is passed, as in `saveStrings(['0', '01', '011'], 'data', 'txt', true)`, then two characters, `\r\n`, will be added to the end of each string to create new lines in the saved file. `\r` is a carriage return (CR) and `\n` is a line feed (LF). By default, only `\n` (line feed) is added to each string in order to create new lines.

Note: The browser will either save the file immediately or prompt the user with a dialogue window.

Examples

Double-click to save

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

  background(200);

  // Style the text.
  textAlign(LEFT, CENTER);
  textFont('Courier New');
  textSize(12);

  // Display instructions.
  text('Double-click to save', 5, 50, 90);

  describe('The text "Double-click to save" written in black on a gray background.');
```

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```

```
function doubleClicked() {
  if (mouseX > 0 && mouseX < 100 && mouseY > 0 && mouseY < 100) {
    // Create an array.
    let data = ['0', '01', '011'];

    // Save the text file.
    saveStrings(data, 'data.txt');
  }
}
```

```
function doubleClicked() {
  if (mouseX > 0 && mouseX < 100 && mouseY > 0 && mouseY < 100) {
    // Create an array.
    // ASCII art courtesy Wikipedia:
    // https://en.wikipedia.org/wiki/ASCII_art
    let data = [' (\\_/_)' , "(='.'=)", '(")_(")'];

    // Save the text file.
    saveStrings(data, 'cat', 'txt');
  }
}
```

```
function doubleClicked() {
  if (mouseX > 0 && mouseX < 100 && mouseY > 0 && mouseY < 100) {
    // Create an array.
    //   +--+
    //  /  /|
    // +--+ +
    // |  | /
    // +--+
    let data = [' +--+ ', ' /  /| ', '+--+ + ', '|  | / ', '+--+ '];

    // Save the text file.
  }
}
```

Syntax

```
saveStrings(list, filename, [extension], [isCRLF])
```

Parameters

list	String[]: data to save.
filename	String: name of file to be saved.
extension	String: format to use for the file.
isCRLF	Boolean: whether to add <code>\r\n</code> to the end of each string. Defaults to <code>false</code> .

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

clear Clears all data from the print stream.	close Saves the file and closes the print stream.	print Writes data to the print stream with new lines added.	write Writes data to the print stream without adding new lines.
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