

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', '011'], '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.');
}

// Save the file when the user double-clicks.
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');
  }
}
```

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

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

// Save the file when the user double-clicks.
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 = ['(\u2f00/\u2f00)', "(=\u2f00=\u2f00)", '(\u2f00)\u2f00(\u2f00)\u2f00'];

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

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  createCanvas(100, 100);

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

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

// Save the file when the user double-clicks.
function doubleClicked() {
  if (mouseX > 0 && mouseX < 100 && mouseY > 0 && mouseY < 100) {
    // Create an array.
    // +---+
    // / / |
    // +---+ +
    // | | /
    // +---+
    let data = ['+---+', '/ / |', '+---+ +', '| | /', '+---+'];

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

Syntax

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

Parameters

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

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