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Thread: [Read CSV line by line JS](#)

Raitz - November 3, 2017, 8:10 pm

I need to read data separated by commas line by line. The csv files are in /data/name.js. Each line has 6 columns, ideally I would like to take the data straight from the file and calculate the maximum and minimum of the 4th and 5th columns which are numbers.

ZeratulTheWizard - November 3, 2017, 8:50 pm

Do you want to read this in Java or JavaScript since the file is in JS?

_wind - November 3, 2017, 9:16 pm

Basically, you would read the file like any other .txt file and then split each line by commas to create a string array.

Here's a quick demo I wrote that should work:

```
Code import java.io.File;
import java.io.IOException;
import java.nio.charset.StandardCharsets;
import java.nio.file.Files;
import java.util.List;
```

```
public class test {
    public static void main(String[] args){
        File file = new File("data.csv");
        List<String> lines;
        try {
            lines = Files.readAllLines(file.toPath(), StandardCharsets.UTF_8);

            for (String line : lines) {
                String[] array = line.split(",");
                int num1 = Integer.parseInt(array[3]);
                int num2 = Integer.parseInt(array[4]);
                if(num1 > num2){
                    //do something
                }
            }

        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

Code taken from

<https://stackoverflow.com/questions/45101192/how-to-read-specific-columns-in-csv-file-java>

Raitz - November 3, 2017, 9:18 pm

I need to read the file in JS. I think using D3 will work but I have over 50 csv files in the data folder and need to read data from each of them.

_wind - November 3, 2017, 9:23 pm

I'm not sure I'm getting what you're trying to accomplish. Do you have your 50 comma-separated values compiled into a file with a .js extension or do you want to use JavaScript to read 50 different .csv files?

Raitz - November 4, 2017, 10:36 am

(Nov 3, 2017 09:23 PM)Polunom Wrote: [\[CITE\]](#) I'm not sure I'm getting what you're trying to accomplish. Do you have your 50 comma-separated values compiled into a file with a .js extension or do you want to use JavaScript to read 50 different .csv files?

I have 55 different .csv files, all with 6 columns. Im trying to read those using javascript.

_wind - November 4, 2017, 1:41 pm

I don't think it's possible with JavaScript for security purposes. [Or maybe you can](#); I don't know. I would, however, use Node.js or PHP.

Why would you ever need to read 50 .csv files in JavaScript though? Couldn't you parse it in Java and output whatever you need?

ZeratulTheWizard - November 4, 2017, 2:04 pm

I agree with Polunom. Unless you're working with a framework for a server, there isn't really a good way to access a local file with JS. If the file can be downloaded via an XHR request, that seems more reasonable.