

What is the easiest way to convert an Excel spreadsheet with tabular data to JSON? [closed]

Asked 11 years, 2 months ago Modified 3 years, 7 months ago

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145



Closed. This question needs to be more [focused](#). It is not currently accepting answers.



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Closed 11 years ago.

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I want to convert spreadsheet data from Excel or Open Office saved as *.xls to *.json

- Data is not sensitive
- File is not very large

json

spreadsheet

xls

file-conversion

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edited May 18, 2021 at 18:24

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JJ Thunderhead

25 ● 9

asked Oct 4, 2013 at 17:13



B. Clay Shannon-B.
Crow Raven

10.1k ● 156 ● 496 ● 893

-
- 3 Found this macro, not yet tested:
gist.github.com/aaronhoogstraten/49b9c0f5e4ac705ebe51
– Lee Goddard Feb 19, 2015 at 12:54
-
- 3 There's also this: thdoan.github.io/mr-data-converter
– thdoan Sep 19, 2016 at 9:51
-
- 3 Mr. Data Converter. shancarter.github.io/mr-data-converter
– mg1075 Aug 29, 2020 at 2:49
-
- 10 There's a simple way which involves no tools other than Excel. Use a formula to output JSON objects like so: `=("{
""thingA"":"" & A2 & """, ""thingB"":" & B2 &
"" } , " .` This will output your JSON object rows which you can copy and paste inside `[]` to get your JSON array. e.g. if the A2 value is `cat` and the B2 value is `dog` you would get: `{ "thingA":"dog", "thingB":cat } ,` for this row. Drag the row down to fill out the spreadsheet. Double `""` will escape the single `"` character. Because it's a formula you can be selective about what you include and name properties as well. – Aaron Newton Mar 3, 2022 at 3:15
-
- 5 Why is this question closed? – Sylvain Rodrigue Apr 10, 2023 at 7:12
-

1 Answer

Sorted by:

Highest score (default)





198

Assuming you really mean *easiest* and are not necessarily looking for a way to do this programmatically, you can do this:



1. Add, if not already there, a row of "column Musicians" to the spreadsheet. That is, if you have data in columns such as:



Rory Gallagher	Guitar
Gerry McAvoy	Bass
Rod de'Ath	Drums
Lou Martin	Keyboards
Donkey Kong Sioux	Self-Appointed Semi-official S

Note: you might want to add "Musician" and "Instrument" in row 0 (you might have to insert a row there)

2. Save the file as a CSV file.
3. Copy the contents of the CSV file to the clipboard
4. Go to <http://www.convertcsv.com/csv-to-json.htm>
5. Verify that the "First row is column names" checkbox is checked
6. Paste the CSV data into the content area
7. Mash the "Convert CSV to JSON" button

With the data shown above, you will now have:

```
[
  {
    "MUSICIAN": "Rory Gallagher",
    "INSTRUMENT": "Guitar"
  },
  ...
]
```

```
{
  "MUSICIAN": "Gerry McAvoy",
  "INSTRUMENT": "Bass"
},
{
  "MUSICIAN": "Rod D'Ath",
  "INSTRUMENT": "Drums"
},
{
  "MUSICIAN": "Lou Martin",
  "INSTRUMENT": "Keyboards"
}
{
  "MUSICIAN": "Donkey Kong Sioux",
  "INSTRUMENT": "Self-Appointed Semi-Official Sto"
}
]
```

With this simple/minimalistic data, it's probably not required, but with large sets of data, it can save you time and headache in the proverbial long run by checking this data for aberrations and abnormalcy.

8. Go here: <http://jsonlint.com/>
9. Paste the JSON into the content area
10. Pres the "Validate" button.

If the JSON is good, you will see a "Valid JSON" remark in the Results section below; if not, it will tell you where the problem[s] lie so that you can fix it/them.

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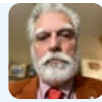
edited Jul 21, 2020 at 19:02



KyleMit ♦

29.2k ● 72 ● 501 ● 696

answered Oct 4, 2013 at 17:14



B. Clay Shannon-B.
Crow Raven

10.1k ● 156 ● 496 ● 893

22 Converting with a web page is not useful for excessive data
– [ErTR](#) Dec 25, 2014 at 21:24

1 Doesn't really work if you want to create a property with an array of items. such as having multiple instruments.
– [Coded Container](#) Oct 2, 2015 at 17:25

8 I found the answer to converting large amounts of data online, for free: Upload your files to your Google Drive, to make it a Google Sheets document. Then follow this blog post from Pamela Fox blog.pamelafox.org/2013/06/...
– [conor909](#) Dec 14, 2015 at 15:36 ✎

3 I use csvjson.com/csv2json. Easy to convert from CSV to JSON – [jprism](#) Jul 5, 2017 at 18:41

1 If you have UTF-8 encoded data, exporting to CSV from Excel will mess them up. I prefer to just copy the data from Excel, paste them in a decent editor (vscode, sublime text, notepad++) and use regular expressions to convert them to JSON. – [AsGoodAsItGets](#) Mar 29, 2019 at 10:37
