

ReadCSV

May 16, 2024

```
[1]: import CSV
```

Lese Datei short_measurements.csv

```
[2]: file = CSV.File("short_measurements.csv")
```

```
[2]: 12-element CSV.File:
      CSV.Row: (sample_name = InlineStrings.String15("sample_6_7"), seconds = 300,
      voltage = 500, count = 20300)
      CSV.Row: (sample_name = InlineStrings.String15("sample_6_7"), seconds = 300,
      voltage = 550, count = 25509)
      CSV.Row: (sample_name = InlineStrings.String15("sample_6_7"), seconds = 300,
      voltage = 600, count = 28522)
      CSV.Row: (sample_name = InlineStrings.String15("sample_6"), seconds = 300,
      voltage = 500, count = 11044)
      CSV.Row: (sample_name = InlineStrings.String15("sample_6"), seconds = 300,
      voltage = 550, count = 12260)
      CSV.Row: (sample_name = InlineStrings.String15("sample_6"), seconds = 300,
      voltage = 600, count = 12917)
      CSV.Row: (sample_name = InlineStrings.String15("sample_7"), seconds = 300,
      voltage = 500, count = 15833)
      CSV.Row: (sample_name = InlineStrings.String15("sample_7"), seconds = 300,
      voltage = 550, count = 17914)
      CSV.Row: (sample_name = InlineStrings.String15("sample_7"), seconds = 300,
      voltage = 600, count = 19421)
      CSV.Row: (sample_name = InlineStrings.String15("no_sample"), seconds = 300,
      voltage = 500, count = 2396)
      CSV.Row: (sample_name = InlineStrings.String15("no_sample"), seconds = 300,
      voltage = 550, count = 2513)
      CSV.Row: (sample_name = InlineStrings.String15("no_sample"), seconds = 300,
      voltage = 600, count = 2550)
```

Spalte sample_name

```
[3]: file.sample_name
```

```
[3]: 12-element Vector{InlineStrings.String15}:
      "sample_6_7"
      "sample_6_7"
```

```
"sample_6_7"  
"sample_6"  
"sample_6"  
"sample_6"  
"sample_7"  
"sample_7"  
"sample_7"  
"no_sample"  
"no_sample"  
"no_sample"
```

Vektor mit Datei-Spalten als Zeilen

```
[4]: [  
      file.sample_name,  
      file.seconds,  
      file.voltage,  
      file.count  
    ]
```

```
[4]: 4-element Vector{Vector{String}}:  
      InlineStrings.String15["sample_6_7", "sample_6_7", "sample_6_7", "sample_6",  
      "sample_6", "sample_6", "sample_7", "sample_7", "sample_7", "no_sample",  
      "no_sample", "no_sample"]  
      [300, 300, 300, 300, 300, 300, 300, 300, 300, 300, 300, 300, 300]  
      [500, 550, 600, 500, 550, 600, 500, 550, 600, 500, 550, 600]  
      [20300, 25509, 28522, 11044, 12260, 12917, 15833, 17914, 19421, 2396, 2513,  
      2550]
```