

Cheatsheets / Learn Python 3

Files

Class `csv.DictWriter`

In Python, the `csv` module implements classes to read and write tabular data in *CSV* format. It has a class `DictWriter` which operates like a regular writer but maps a dictionary onto output rows. The keys of the dictionary are column names while values are actual data.

The `csv.DictWriter` constructor takes two arguments. The first is the open file handler that the CSV is being written to. The second named parameter, `fieldnames`, is a list of field names that the CSV is going to handle.

```
# An example of csv.DictWriter
```

```
import csv
```

```
with open('companies.csv', 'w') as csvfile:
```

```
    fieldnames = ['name', 'type']
```

```
    writer = csv.DictWriter(csvfile, fieldnames=fieldnames)
```

```
    writer.writeheader()
```

```
    writer.writerow({'name': 'Codecademy', 'type': 'Learning'})
```

```
    writer.writerow({'name': 'Google', 'type': 'Search'})
```

```
"""
```

After running the above code, `companies.csv` will contain the following information:

```
name,type
```

```
Codecademy,Learning
```

```
Google,Search
```

```
"""
```

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