

Reading and Writing CSV Data



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Overview



An overview of the CsvHelper library

Reading CSV data dynamically

Trimming spaces

Allowing CSV comments

Ignoring blank lines

Configuring a custom delimiter

Configuring CSV file headers

Reading data into entity classes

Configuring custom class mapping

Creating custom type converters

Writing CSV files



An Overview of the CsvHelper Library

<https://github.com/JoshClose/CsvHelper>

<https://www.nuget.org/packages/CsvHelper>

80 million downloads

Read & write CSV data

Design goals:

- Fast
- Flexible
- Easy to use

Defaults:

- Conservative writing
- Liberal reading

Highly configurable



Summary



An overview of the CsvHelper library

csvReader.GetRecords<dynamic>();

CsvReader configuration:

- CsvConfiguration.TrimOptions
- CsvConfiguration.AllowComments
- CsvConfiguration.IgnoreBlankLines
- CsvConfiguration.Delimiter
- CsvConfiguration.HasHeaderRecord

csvReader.GetRecords<Order>()

ClassMap<ProcessedOrder>

ITypeConverter

csvWriter.WriteRecords(records)



Up Next:

Creating Automated Tests for File Access Code

