

# Ruby CSV Introduction

2016/9/29



What is CSV?

Comma Separated Values

When?

# How to read csv with ruby?

- `require csv`
- `once, the whole file`
- `line by line`

# options

- col\_sep
- row\_sep
- headers
- converters

manipulation

headers make it special

# gems

- faster\_csv
- render\_csv
- comma
- smarter\_csv
- csv\_shaper