# Command Line Arguments

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# Overview

- **Reading command line arguments**

- **Quotation marks and backslashes**

- **Setting command line arguments when debugging in Visual Studio**

- **The hidden complexities of argument parsing**

- **Command Line Parser Library**
  - Default values
  - Required arguments and strict parsing
  - Verb style arguments
  - Parsing error help screen for users

# The Hidden Complexities of Argument Parsing

- Ordering of parameters

- Optional parameters and default values if arg not supplied

- Mutually exclusive arguments

- Converting argument values to enum values (casing)

- Arguments that takes a list of values

- Verb style and sub-arguments

- Handling parsing errors

- User help text

# Summary

- **Reading command line arguments**

- **Quotation marks and backslashes**

- **Setting command line arguments when debugging in Visual Studio**

- **The hidden complexities of argument parsing**

- **Command Line Parser Library**
    - Short and long argument names
    - Default values
    - Required arguments and strict parsing
    - Verb style arguments
    - Parsing error help screens for users