

Working with Files in C#

Managing Files and Directories



Jason Roberts

.NET Developer

@robertsjason | dontcodetired.com

Version Check



This version was created by using:

- C# 10
- .NET 6
- Visual Studio 2022



Version Check



This course is 100% applicable to:

- C# 12
- .NET 8
- Visual Studio 2022



Course Outline

Managing files and directories

Monitoring the file system for changes

Reading and writing entire files into memory

Reading and writing data with streams

Reading and writing CSV data

Creating automated tests for file access code



Demo Data Files

Download from course home page at
Pluralsight.com

module 2\demos\before\psdata

Copy psdata directory to the root of your C:
drive



Module Overview

Process input files and write output files

Check if a file exists

Check if a directory exists

Create a new directory

Copy a file

Get the file extension from a file name

Move a file

Delete a directory

Enumerating all the files in a directory

- Optional search filter



Module Summary

File.Exists()
Directory.Exists()
Directory.CreateDirectory()
File.Copy() File.Move()
Directory.Delete()
Directory.GetFiles()
Path.Combine()
Path.GetExtension()
Path.ChangeExtension()



Up Next:

Monitoring the File System for Changes

