

Working with Files in C# 10

Managing Files and Directories



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Version Check



This version was created by using:

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



Version Check



This course is 100% applicable to:

- C# 11
- .NET 7
- 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**



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



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

