

Working With Files and Streams in C#

MANAGING FILES AND DIRECTORIES



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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



Overview



Creating a new console app

Process input files and write output files

Check if a file exists

Check if a directory exists

Creating 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



Created a new DataProcessor console app

`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

