Example Solutions – Index

(For D8S.E0013)

# Introduction

I like my solutions to be a particular way. This includes their project, folder, and file structures, and their file naming conventions.

This repository contains solutions providing examples of how I like my solutions for each type of solution.

When these examples are updated (for example, for .NET8.0 from .NET6.0), do **\*not\*** update the relevant solution; instead create a new one with a new number. This allows old solution examples to be kept around.

# Naming

The projects are numbered in the form P####, instead of descriptively named, since there are so many different options (implicit usings, .NET versions, etc.) that the resulting names would be gross, confusing, and difficult to find.

Instead, the simple project numbering allows looking up the projects by criteria in the lists below, and outright listed in the project list below.

# Features.md

Each solution’s main project contains a Features.md file listing the noteworthy features of the solution.

# Lists

## PXXXX

Here are the projects listed in order:

* P0001 – Console application. (.NET8.0, basic, with no default dependencies)
* P0002 – Library solution/project with associated P0002.Construction construction console solution/project.
* P0002.Construction – Construction console solution/project for the P0002 library solution/project.
* P0003 – A basic static HTML output web application using Razor components solution.
* P0004 – A non-WebAssembly Razor components Razor class library with associated P0004.Construction construction console solution/project.
* P0004.Construction – Static-HTML construction console solution project for the P0004 Razor components Razor class library.
* P0005 – A basic Windows Forms library, for the associated P0005.Construction Windows Forms application.
* P0005.Construction – A basic Windows Forms application, with the associated Windows Forms library P0005.
* P0006 – WebAssembly Blazor components-based web application, client and server (without TailwindCSS).
* P0007 – WebAssembly Blazor components-based web application, client and server, with TailwindCSS.
* P0008 – WebAssembly Blazor components library, with associated WebAssembly Blazor components-based client hosted by an ASP.NET Core server, client-server construction project set, with TailwindCSS.
* P0009 – A blog static HTML output web application (using Tailwind CSS typography).
* P0010 – A broken (non-compiling) project for use in testing build infrastructure.

## PXXXX – End

## .NET 8

* P0001 – Console application. (.NET8.0, basic, with no default dependencies)
* P0002 – Library solution/project with associated P0002.Construction construction console solution/project.
* P0002.Construction – Construction console solution/project for P0002 library solution/project.
* P0003 – A basic static HTML output web application using Razor components solution.
* P0004 – A non-WebAssembly Razor components Razor class library with associated P0004.Construction construction console solution/project.
* P0004.Construction – Static-HTML construction console solution project for the P0004 Razor components Razor class library.
* P0010 – A broken (non-compiling) project for use in testing build infrastructure.

## .NET 8 – End

## .NET 7

## .NET 7 – End

## .NET Standard 2.1

* P0002 – Library solution/project with P0002.Construction construction console solution/project.

## .NET Standard 2.1 – End

## ASP.NET Core

* P0003 – A basic static HTML output web application using Razor components solution.
* P0004.Construction – Static-HTML construction console solution project for the P0004 Razor components Razor class library.

## ASP.NET Core – End

## Blazor Web App

## Blazor Web App – End

## Console App

* P0001 – Console application. (.NET8.0, basic, with no default dependencies)
* P0002.Construction – Construction console solution/project for P0002 library solution/project.

## Console App – End

## Class Library

* P0002 – Library solution/project with P0002.Construction construction console solution/project.

## Class Library – End

## Razor Class Library

* P0004 – A non-WebAssembly Razor components Razor class library with associated P0004.Construction construction console solution/project.

## Razor Class Library – End

## Test

## Test – End

## Web

* P0003 – A basic static HTML output web application using Razor components solution.
* P0004 – A non-WebAssembly Razor components Razor class library with associated P0004.Construction construction console solution/project.
* P0004.Construction – Static-HTML construction console solution project for the P0004 Razor components Razor class library.

## Web – End

## Windows Forms App

* P0005.Construction – A basic Windows Forms application, with the associated Windows Forms library P0005.

## Windows Forms App – End

## Windows Forms Class Library

* P0005 – A basic Windows Forms library, for the associated P0005.Construction Windows Forms application.

## Windows Forms Class Library – End