Partial types

 \oslash

Partial types allow classes, structs, and interfaces to be broken into multiple pieces stored in different source files for easier development and maintenance.

Type modifier *partial* is used when defining a type in multiple parts. To ensure compatibility with existing programs, this modifier is different than other modifiers: like get and set, it is not a keyword, and it must appear immediately before one of the keywords class, struct, or interface.

Each part of a partial type declaration must include a Type modifier partial and must be declared in the same namespace as the other parts.



Nested types can be declared in multiple parts by using the Type modifier *partial*. Typically, the containing type is declared using partial as well, and each part of the nested type is declared in a different part of the containing type.



(i) The type modifier partial is not permitted on delegate or enum declarations.

The Tag partial will have a blank tagged value for Partial Class Element:

PartialA Profile: C# Profile: C# Profile: Profile: C# Profile: Profile: C# Profile: Profile: C# Profile: Ports Ports Ports Signal Receptions Behaviors Partial = "" Partial = "" Profile: C# Profile: Profile: C# C#Class> Image: Profile: Image: Profile: Profile: C# C#Class Image: Profile: Image: Profile: Profile: C# C#Class Image: Profile: Image: Profile: Profile: C# C#Class Image: Profile: Image: Profile: Profile: Image: Profile: I
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Partial Class Element with blank Tag partial value

The Tag partial will have a value of the file name that the class belongs to for each child element in Partial Class Element:

Partial Class Element with Tag partial "PartialA.cs" value