

Instructor example



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Explain partial views in asp.net core?

A partial view is a Razor markup file (.cshtml) that renders HTML output within another markup file's rendered output.

Partial views are an effective way to:

- Break up large views into smaller components.
- Reduce the duplication of common markup content across views.

You will invoke the partial view either by using the `<partial>` tag helper or an asynchronous html helper called `Html.PartialAsync()` or `Html.RenderPartialAsync()`.

Explain the difference between `PartialAsync()` and `RenderPartialAsync()`

1:

The `Html.PartialAsync()` method returns the content to the parent view.

The `Html.RenderPartialAsync()` method streams the content to the browser; so it offers faster performance if there is a large amount of content in the partial view.

2:

The return type of `PartialAsync()` method is `IHtmlContent`. Hence its output can be stored in a variable.

The return type of `RenderPartialAsync()` method is `void`. So you can't store its output into a variable. It will be directly streamed to the browser.

For faster performance in case of larger partial views, `RenderPartialAsync()` is recommended.