

IPG521

List out and explain 8 different return types of a controller action method?:

Return View:

The view discovery process takes place when a method returns a view. This step determines which view file is used depending on the name of the method that it's called. This type returns an array of parameters. We can pass eight or more parameters depending on the context and the view name.

Return partial View:

A partial view is a pagelet that returns an HTML page with a certain layout. It is similar to the master page concept of Web Forms.

Partial view in ASP.NET MVC is a special view that allows us to modify the content of a web page. It works like a user control of the web form application.

Redirect:

This function takes the URL path to be redirected and then transfers it to another server. It uses the same function as `Response.redirect()` or `server.transfer()`.

Redirect To Action:

Sometimes it is necessary to call a second action after completion of a single action. This procedure calls another action after the completion of that action. It also Returns the action name and route values.

Return content:

This function returns a small amount of strings from an action. It takes three parameters. The content of the return type is used to return the content of an object. It can be used to return an XML string, a string or a set of values.

Return JSON:

When we do not want an entire page but only want a value, this function can be very useful. In most cases, when we do not want an entire page but only want a value, this function can be used.

Return JavaScript:

When we want to return a JavaScript string, we may use this function. It takes only one parameter, the string only.

Return File:

We are allowed to return a binary file if needed from a controller. It takes 6 parameters maximum.