

What Is Ajax.BeginForm

Ajax.BeginForm is the extension method of the ASP.NET MVC Ajax helper class, which is used to submit form data to the server without whole page postback.

To work *Ajax.BeginForm* functionality properly, we need to add the reference of *jquery.unobtrusive-ajax* library; there are many ways to add the reference of jQuery library into our project. To learn how to use and install *jquery.unobtrusive-ajax* please refer to my following article:

The *Ajax.BeginForm* takes the following parameters

- `actionName`
- `controllerName`
- `routeValues`
- `ajaxOptions`
- `htmlAttributes`

actionName

This parameter is used to define the action name for which action will be executed.

controllerName

This is parameter used to define the controller name.

routeValues

This parameter is used to pass the object which contains the route parameters.

ajaxOptions

This parameter is used to pass the properties for Ajax requests which makes the request to the server asynchronously . `ajaxOptions` has the following properties.

- **Url:** This property is used to get and set the url.
- **HttpMethod:** This property is used to define the form submit method such as POST, GET , PUT , Delete etc.
- **Confirm:** This property is used to display the confirmation box before sending request to the server.
- **UpdateTargetId:** This property is used to specify the DOM element id for which part to be updated; such as, if we specify the DIV tag id then only that particular DIV portion will get updated.

- **OnSuccess:** This property is used to define the JavaScript file which will fire after the successful Ajax request.
- **OnFailure:** This property is used to define the JavaScript file which will fire after the failed Ajax request.
- **OnComplete:** This property is used to define the JavaScript file which will fire after the complete Ajax request.
- **OnBegin:** This property is used to define the JavaScript file which will fire after the completing the Ajax request.
- **InsertionMode:** This property is used to specify the how the response will be inserted into the DOM element. It has InsertAfter, InsertBefore and Replace modes.
- **AllowCache:** This is the boolean property which decides whether to allow cache or not.
- **LoadingElementId:** This property is used to display the loading symbol for long running requests.
- **LoadingElementDuration:** This property is used to define the duration in milliseconds for loading symbol.

htmlAttributes

This parameter is used to define the html attributes such as css class , id etc for html element.