

Creating a Simple Form



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Overview



Using tag helpers

Model binding and validation



Using Tag Helpers



Recap: Tag Helpers



Server-side

Trigger code execution

Built-in or custom



Built-in Form Tag Helpers

Form tag helper

Input tag helper

Label tag helper

Textarea tag helper

Select tag helper

Validation tag helpers



```
<form asp-action="Index" method="post"  
      class="form-horizontal" role="form">  
    ...  
</form>
```

Using the Form Tag Helper



```
<label asp-for="Name">  
</label>
```

```
<label for="Name">  
    Name  
</label>
```

Using a Tag Helper



Demo



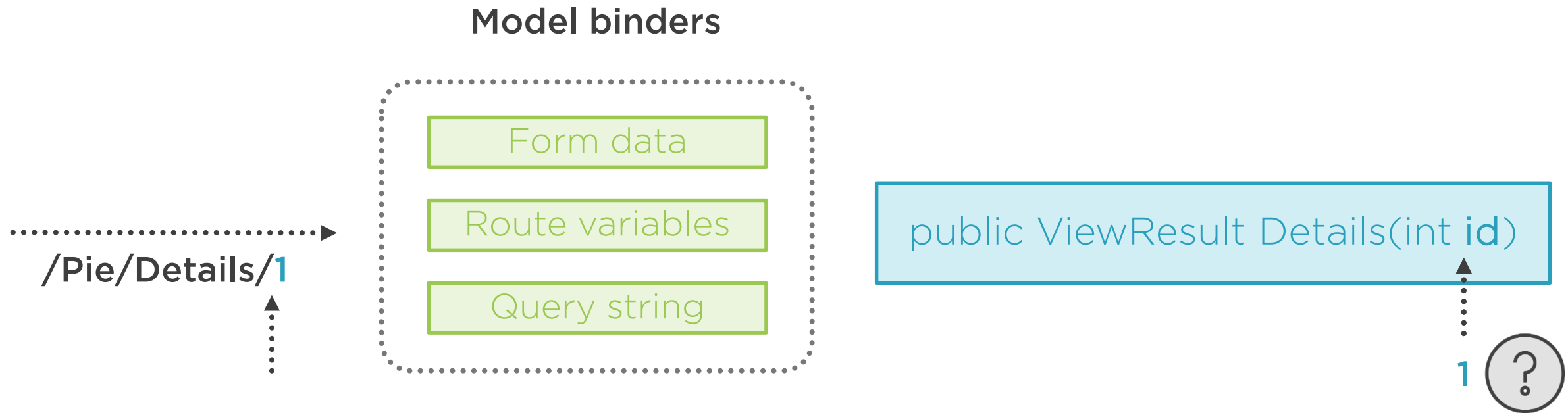
Creating the form using tag helpers



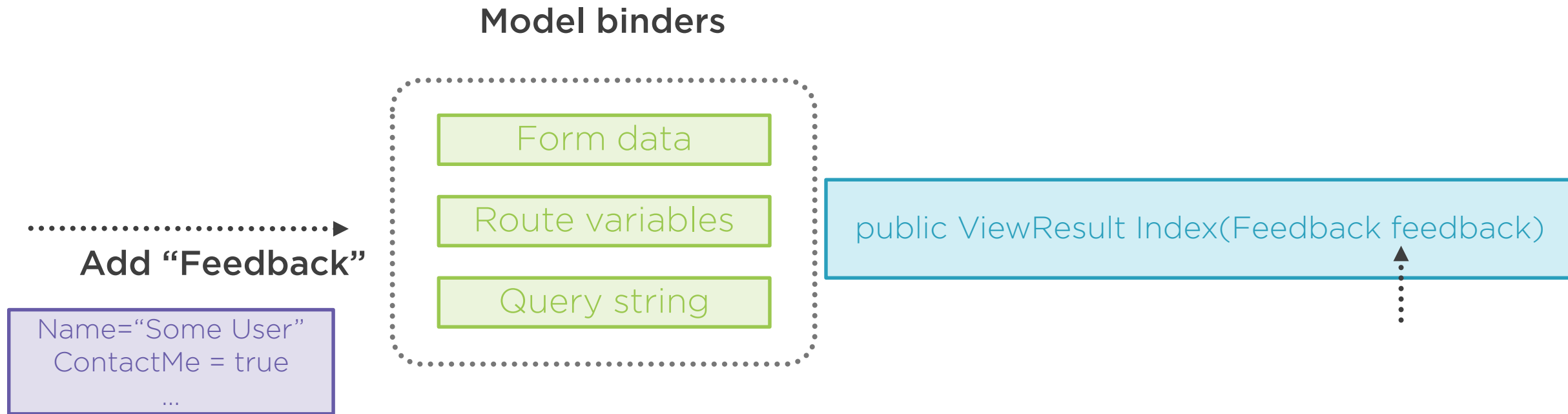
Model Binding and Validation



Model Binding

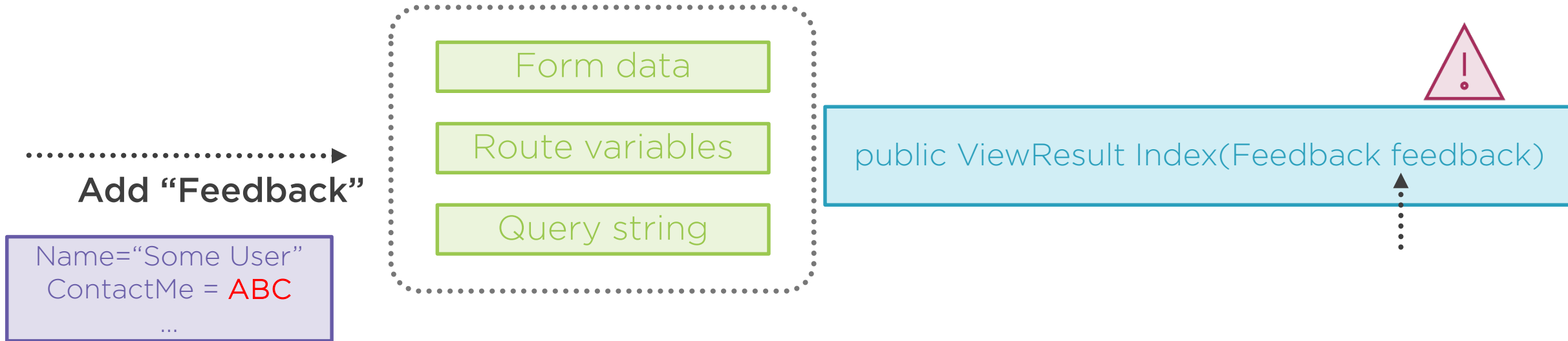


Binding to Complex Types



Binding to Complex Types

Model binders



```
if (ModelState.IsValid)
{
    _appDbContext.Feedbacks.Add(feedback);
    _appDbContext.SaveChanges();
}
else
{
    return View();
}
```

Using ModelState



Adding Validation Attributes

```
public class Feedback
{
    [Required]
    [StringLength(100)]
    public string Name { get; set; }

    [Required]
    [StringLength(5000)]
    public string Message { get; set; }
}
```



Validation Attributes

Required

StringLength

Range

RegularExpression

DataType

- Phone
- Email
- Url



Demo



Validating the model



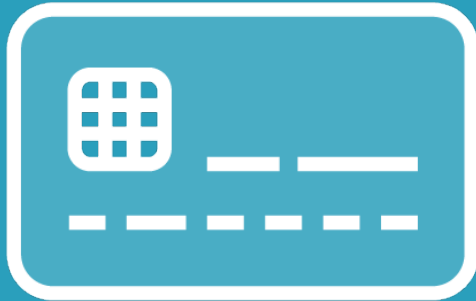
Summary



Model binding helps to convert incoming data

Validation can be added through attributes





Up next:
Adding ASP.NET Identity

