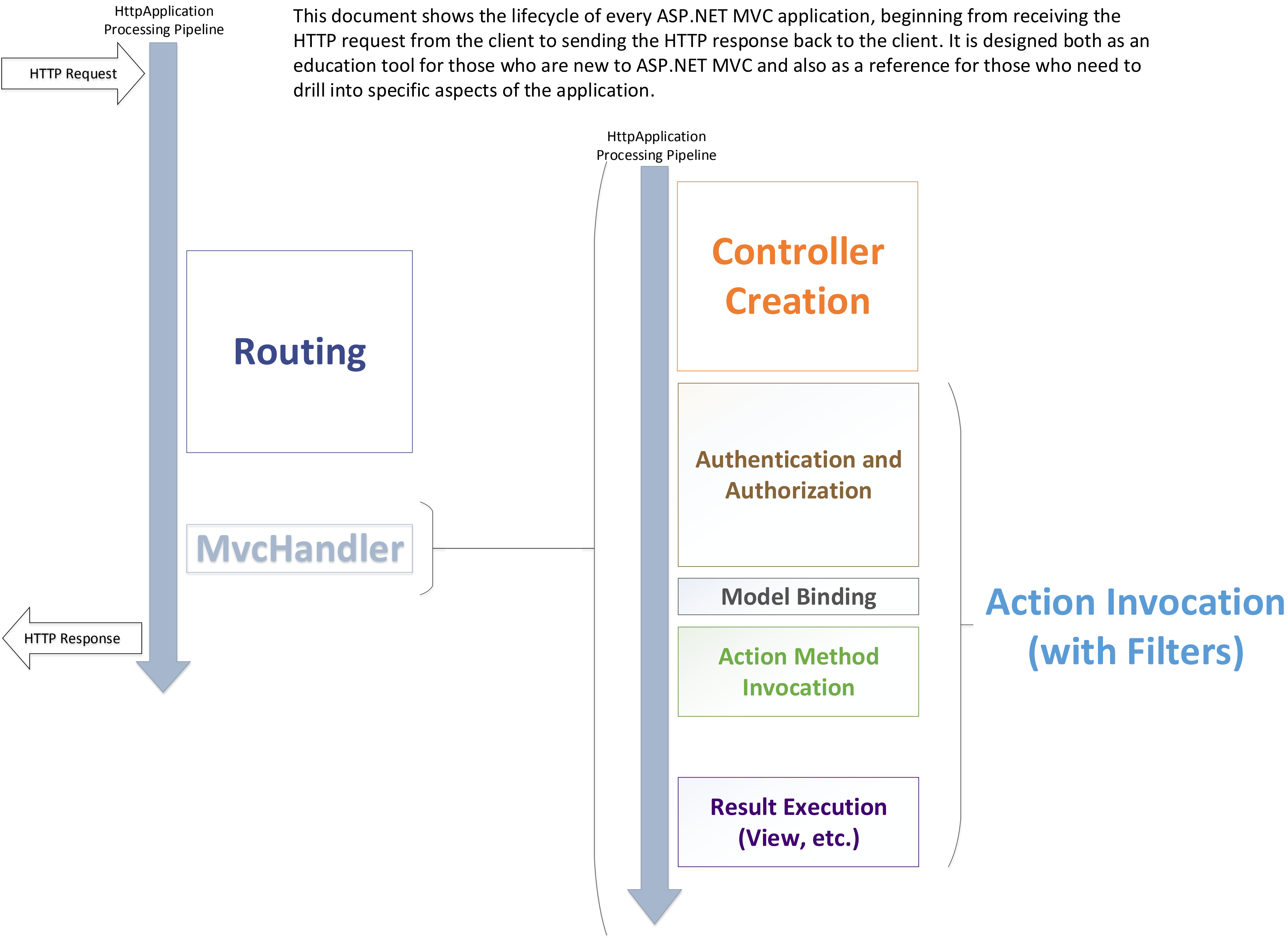
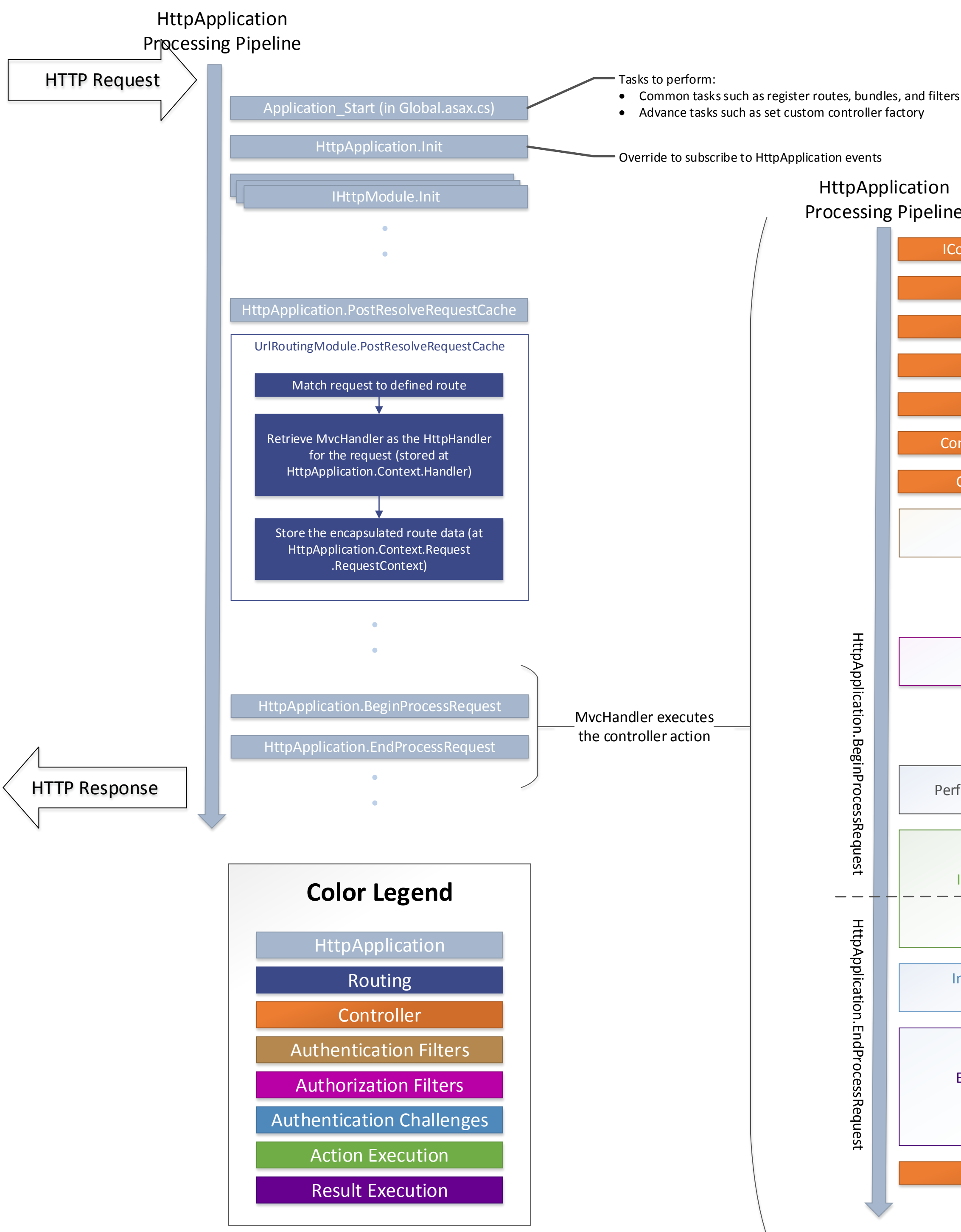


ASP.NET MVC 5 APPLICATION LIFECYCLE – HIGH-LEVEL VIEW

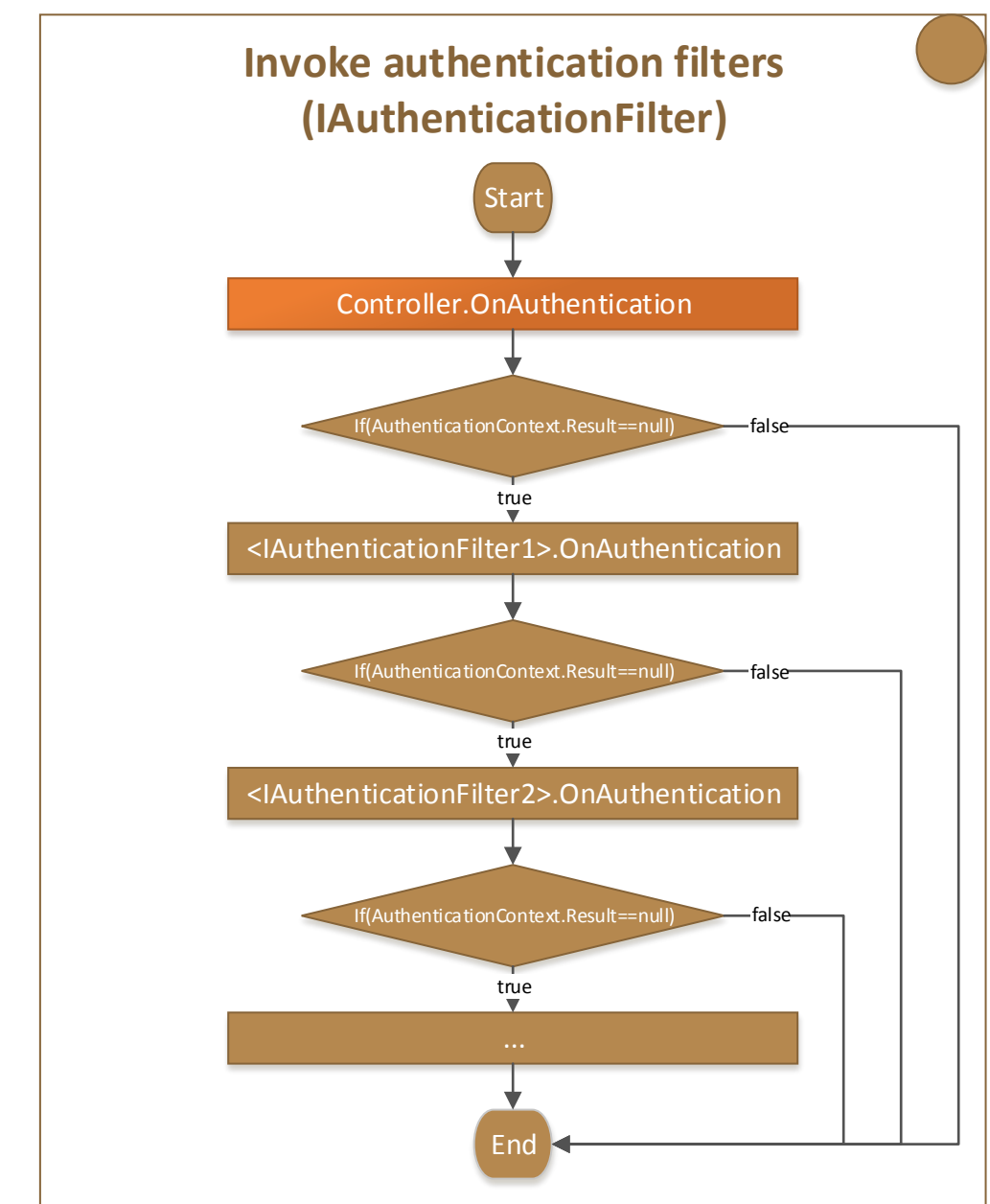
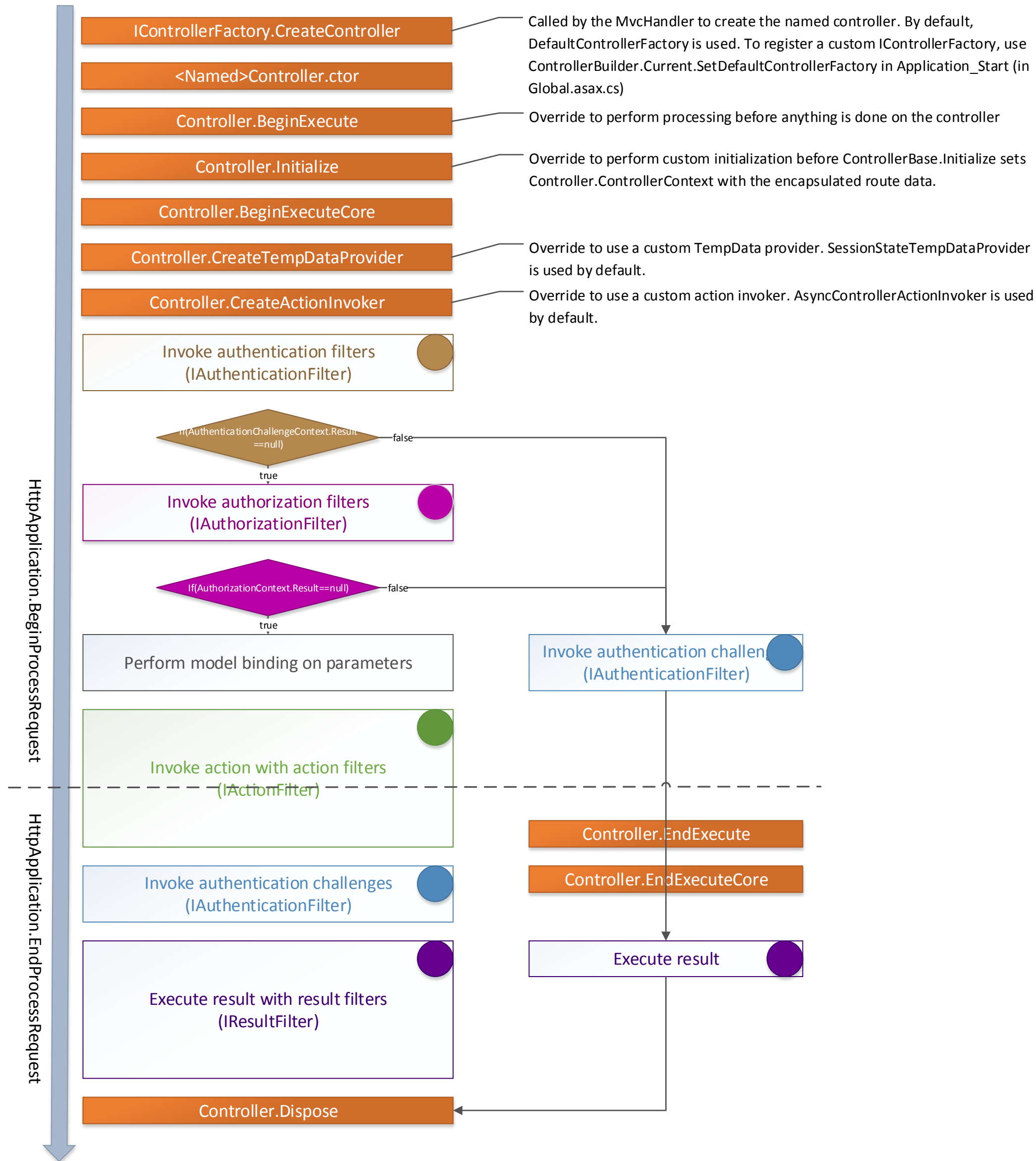


ASP.NET MVC 5 APPLICATION LIFECYCLE – DETAIL VIEW

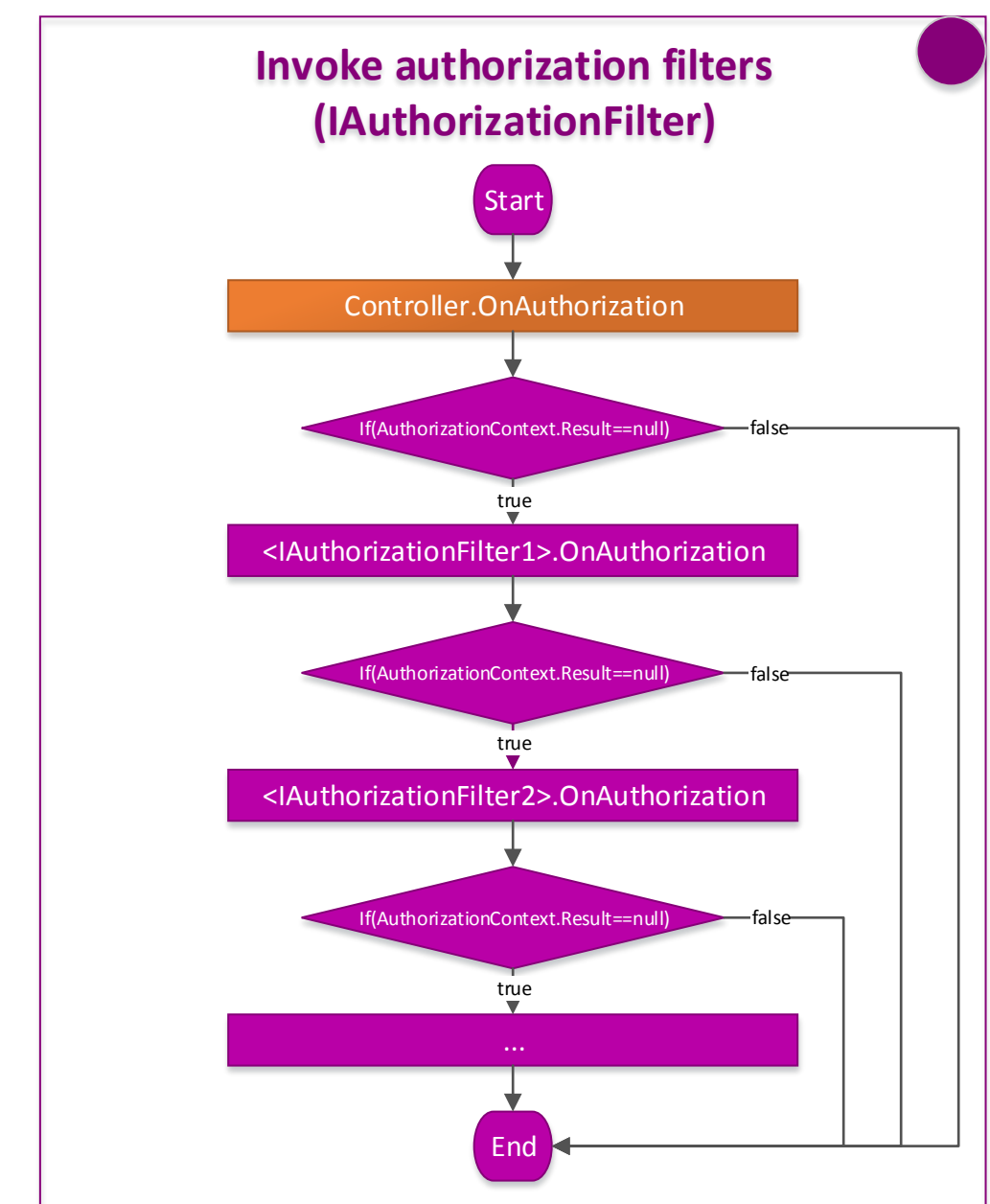
The diagram shows relevant `HttpApplication` stages to help you understand where MVC integrates into the ASP.NET application lifecycle. In addition, for the overridable methods on the Controller object that are part the MVC lifecycle, the diagram identifies when these methods are invoked in the processing pipeline and why you might want to override them. You may or may not have the need to override any one method, but It is important for you to understand their role in the application life cycle so that you can write code at the appropriate life cycle stage for the effect you intend.



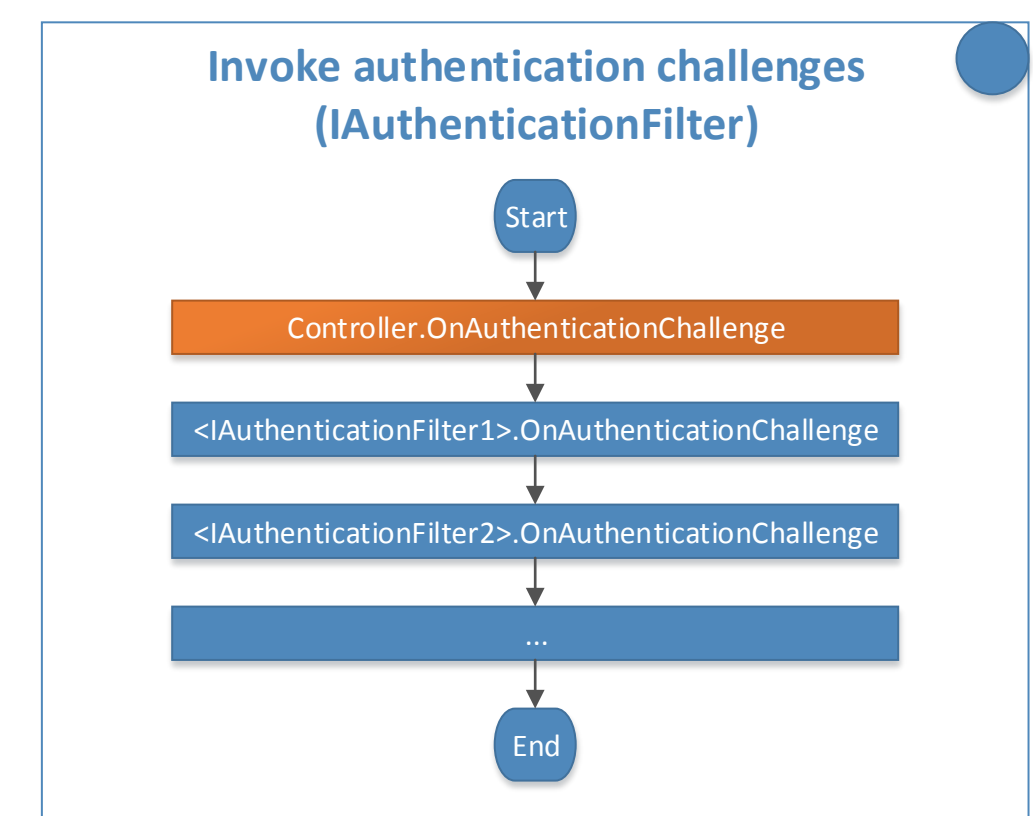
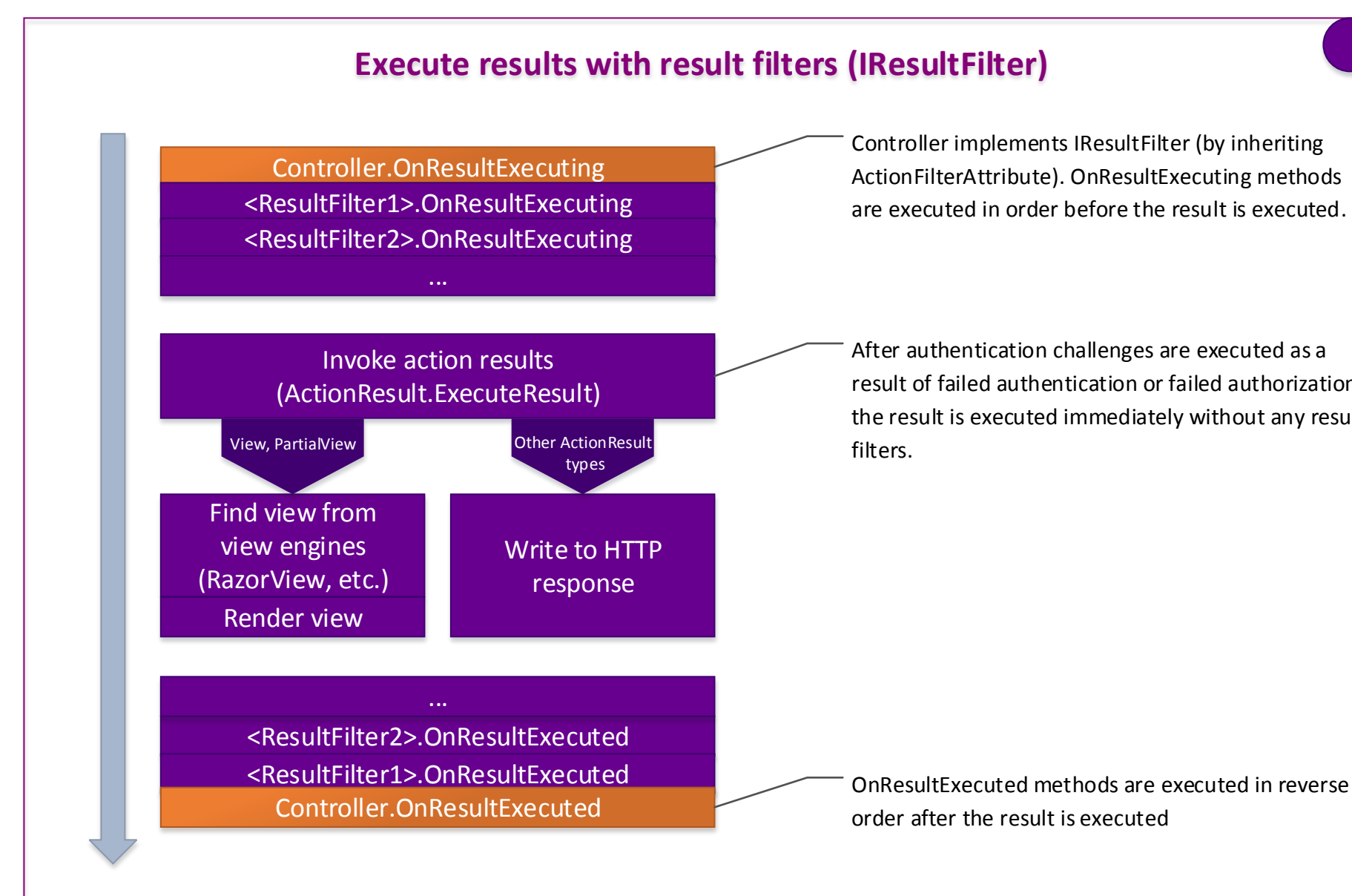
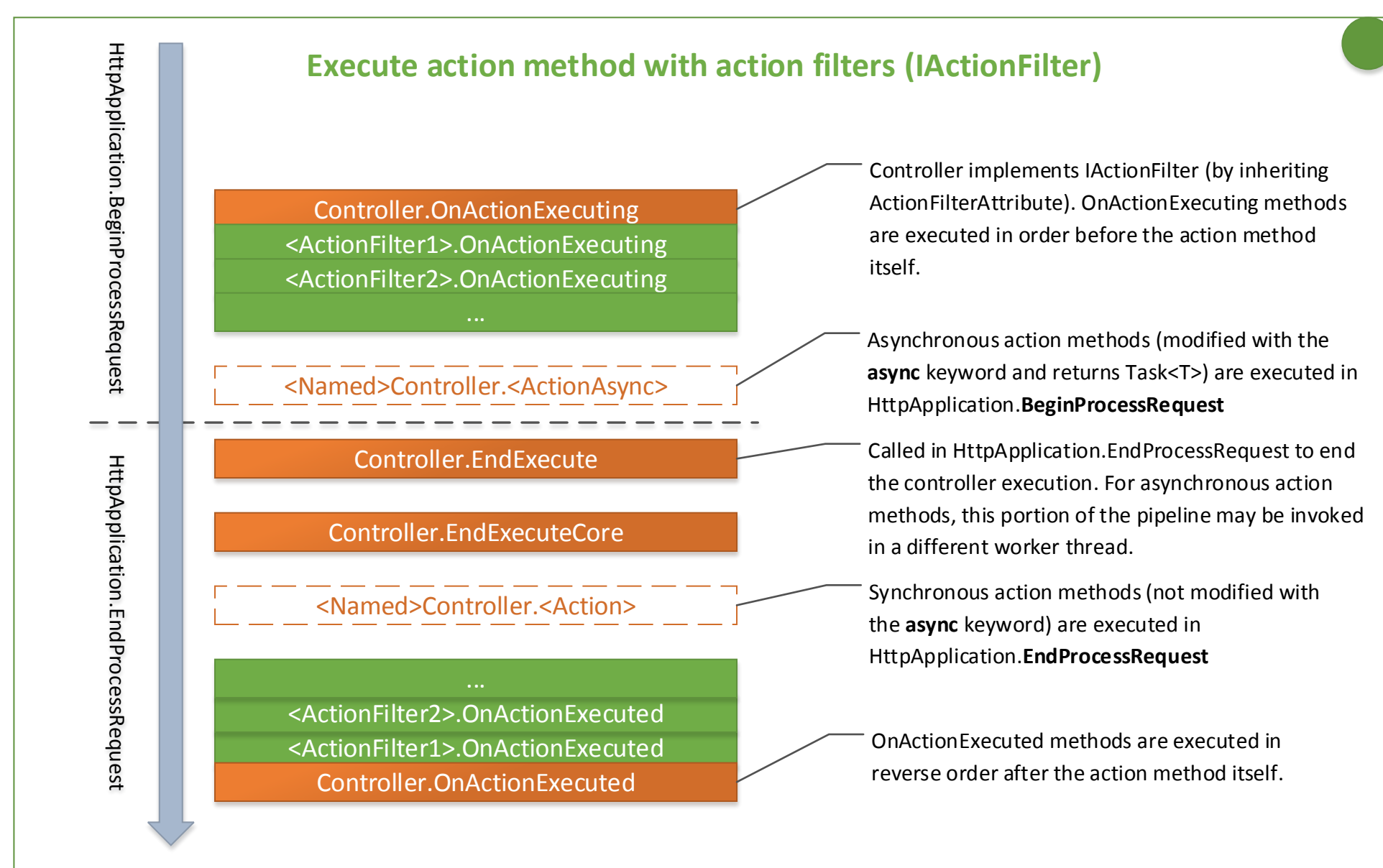
HttpApplication Processing Pipeline



Use `IAuthorizationFilter` to authenticate a user action toward the intended resources. Authentication filters execute in order until one of the filters returns a non-null result.



Use `IAuthorizationFilters` to authorize a user action toward the intended resources. Authorization filters execute in order until one of the filters returns a non-null result.



Authentication challenges are invoked whenever authentication or authorization filters return a result to indicate failure. They are also invoked after the action method executes in case the authentication scheme requires it, such as for server authentication to the client. Use `OnAuthenticationChallenge` to create the `ActionResult` you intend to send to the client when authentication challenges are invoked. When authentication challenges are invoked, all registered `IAuthorizationFilter` contribute to the result.