

Ques 1: Explain asp .net life and page life cycle ?

Sol 1:

1. Application Life Cycle

Events associated with the application are:

- a. Application_Start
- b. Session_Start
- c. Application_Beginrequest
- d. Application_endrequest
- e. Session_End
- f. Application_End

Application life cycle starts only once in the execution of the application and stops when the application is closed.

When an application starts 4 steps take place:-

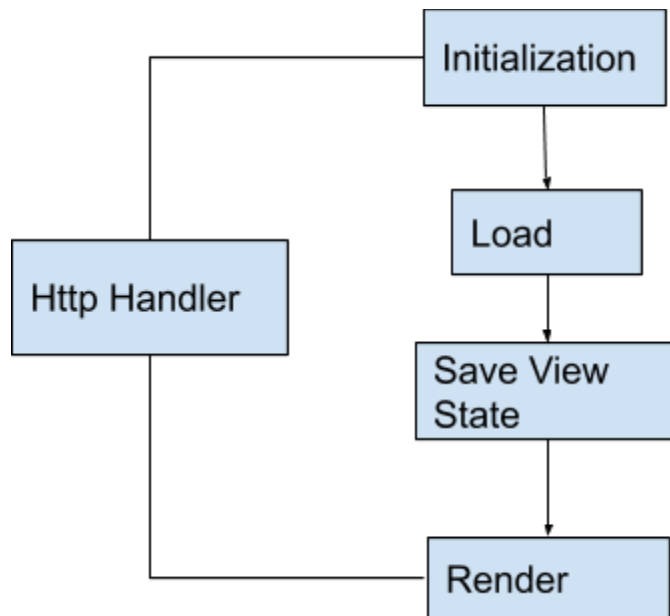
1. Object of application manager will be created.
2. The object of class hosting will start for execution.
3. Response object are created: httpContextObject, httpResponse, httpRequest
4. Instance of httpApplication object is created and assigned to the request.

After these steps execution will start.

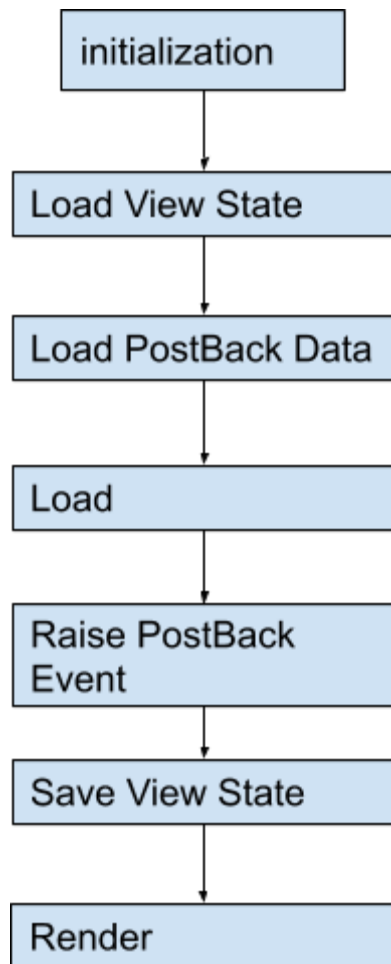
2. Page Life Cycle

This life cycle starts for every page load. Thus, it is page specific.

For first request:-



For Second Request:



Ques 2: What are the different types of objects created in asp and explain all those.

Sol 2:

Different types of objects created in ASP are:

1.Application

It describes all the methods, properties and collections that are present everywhere in the web application. It also contains variables and objects that can be used anywhere in the web application.

2.Request

It describes the data related to HttpRequest like cookies, sessions, etc. The methods, properties and collections that are stored in an object that store the request sent by the client to the server.

3.Response

It describes the data related to `HttpResponse`.The methods,properties and collections that are stored in an object to store the response sent by the server.

4.Session

Describes the information related to user session that exist throughout the session of a particular user.

5.Server

It describes the methods,properties and collections that provide information of various server tasks.