

## Chapter 1 : calendrierdelascience.com MVC Interview Questions - tutorialspoint

*The "default" view engine for calendrierdelascience.com MVC uses the calendrierdelascience.com file templates as calendrierdelascience.com Web Forms. In this article I go through the Razor View Engine to create a view of an application. "Razor" was in development beginning in June and was released for Microsoft Visual Studio in January*

GAC will be used in the below scenarios – If the multiple application wanted to use the same assembly. If the assembly has security requirements. For example, if only administrators have the permission to remove the assembly. Following are the Server Control Events: Postback events - These events sends the web page to the server for processing. Once processing is finished, web page will send data back to the same page on the server. Cached events - These events are processed when a postback event occurs. Strong names are unique names for assemblies. When we want to deploy the assembly in GAC, then we need to give the strong name for the assemblies. Strong name helps GAC to differentiate between two versions. Go to project properties and browse the SNK file generated and build the project. View State - Each page and control on the page has View State property. Query string - Query strings can maintain limited state information. Server-side state management - This mechanism retains state in the server. Below are the options to achieve it - Application State - The data stored in the application object can be shared by all the sessions of the application. Session State - Session State stores session-specific information and the information is visible within the session only. Garbage collection is a CLR feature which automatically manages memory. CLR automatically releases objects when they are no longer used and referenced. Following methods are used for garbage collection – GC. Collect Finalize 13 What is Reflection in. Reflection is a mechanism through which types defined in the metadata of each module can be accessed. Reflection namespace will have the classes required for reflection. Resource files contains non-executable data like strings, images etc. You can change these data without recompiling the whole application. We can use two types of output caching to cache information that is to be transmitted to and displayed in a Web browser – Page Output Caching Page Fragment Caching 16 How can you cache different version of same page using cache in ASP. VaryByHeader - Caches different version depending on the contents of the page header. Page 1 of

## Chapter 2 : MVC Interview Questions and Answers - Tech Contents

*Reading these MVC interview questions does not mean you will go and clear MVC interviews. The purpose of this article is to quickly brush up your MVC knowledge before you go for MVC interviews. This article does not teach calendrierdelascience.com MVC step by step, it's a last minute revision sheet before going for.*

Yes, It is possible to share a view across multiple controllers by putting a view into the shared folder. By doing like this, you can automatically make the view available across multiple controllers. A controller will decide what to do and what to display in the view. It works as follows: Some of the return types of a controller action method are: It is used to return a webpage from an action method ii PartialViewResult: It is used to send a section of a view to be rendered inside another view. Based on a URL, It is used to redirect to another controller and action method. It is used to return a custom content type as a result of the action method. It is used to return a message which is formatted as JSON. It is used to send binary output as the response. It returns nothing as the result. The page lifecycle of an ASP. In this method, you can add Route objects to the static RouteTable. It is already known that all the public methods of a controller class are basically treated as action methods. If you dont want this default behaviour, then you can change the public method with NonActionAttribute. Then, the default behaviour changes. The Router Table is formed by following the below procedure: In the begining stage, when the ASP. This RegisterRoutes method will create the Router table. There are 3 segments of the default route in an MVC application. The 1st segment is the Controller Name. NET routing has to be enabled. The Route table is created in the application Start event handler, of the Global. This is because it does the HTML encoding. Explain the advantages of using routing in ASP. Without using Routing in an ASP. The thing is that if the file is not there, then you will get a page not found error. By using Routing, it will make use of URLs where there is no need of mapping to specific files in a web site. What are the things that are required to specify a route? There are 3 things that are required to specify a route. You can pass the variable data to the request handler without using a query string. This is done by including placeholders in a URL pattern. This handler can be a physical file of 2 types such as a. This name is an optional thing.

## Chapter 3 : Prepare for interview - learn calendrierdelascience.com Core Interview Questions

*Top calendrierdelascience.com MVC Interview questions and answers for freshers and experienced dot net developers.*

*1) What is MVC? MVC is a pattern which is used to split the application's implementation logic into three components: models, views, and controllers.*

MVC Model-View-Controller is an architectural software pattern that basically decouples various components of a web application. By using MVC pattern, we can develop applications that are more flexible to changes without affecting the other components of our application. Back to top 2. Back to top 3. In case of Page controller approach, every page has its own controller i. On the other hand, in ASP. Follow the link for the difference between the ASP. Back to top 4. What are the Core features of ASP. Core features of ASP. Clear separation of application concerns Presentation and Business Logic. It reduces complexity that makes it ideal for large scale applications where multiple teams are working. We can plug components and further customize them easily. Support for existing ASP. NET features like membership and roles, authentication and authorization, provider model and caching etc. Follow for detailed understanding of above mentioned core features. Back to top 5. Can you please explain the request flow in ASP. Request flow for ASP. Request hits the controller coming from client. Controller plays its role and decides which model to use in order to serve the request. Further passing that model to view which then transforms the model and generate an appropriate response that is rendered to client. Back to top 6. What is Routing in ASP. In case of a typical ASP. NET application, incoming requests are mapped to physical files such as. On the other hand, ASP.

## Chapter 4 : MVC 5 interview questions and answers | MVC 5 new features | One Identity

*calendrierdelascience.com MVC is a web application Framework. It is light weight and highly testable Framework. MVC separates application into three components " Model, View and Controller. Controller " Request.*

Can we have a web application running without web. Is it possible to create web application with both webforms and mvc? We have to include below mvc assembly references in the web forms application to create hybrid application. What is Protected Configuration? It is a feature used to secure connection string information. Write code to send e-mail from an ASP. You need JavaScript enabled to view it. How can we prevent browser from caching an ASPX page? What is the good practice to implement validations in aspx page? Client-side validation is the best way to validate data of a web page. It reduces the network traffic and saves server resources. What are the event handlers that we can have in Global. Which protocol is used to call a Web service? Can we have multiple web config files for an asp. What is the difference between web config and machine config? Web config file is specific to a web application where as machine config is specific to a machine or server. There can be multiple web config files into an application where as we can have only one machine config file on a server. Explain role based security? Role Based Security used to implement security based on roles assigned to user groups in the organization. Then we can allow or deny users based on their role in the organization. Windows defines several built-in groups, including Administrators, Users, and Guests. What is Cross Page Posting? When we click submit button on a web page, the page post the data to the same page. The technique in which we post the data to different pages is called Cross Page posting. Findcontrol method of PreviousPage can be used to get the posted values on the page to which the page has been posted. How can we apply Themes to an asp. We can specify the theme in web. Below is the code example to apply theme: Once the redirection is done, it also returns Moved Permanently responses. MVC is a framework used to create web applications. The web application base builds on Model-View-Controller pattern which separates the application logic from UI, and the input and events from the user will be controlled by the Controller. Explain the working of passport authentication. First of all it checks passport authentication cookie. If the cookie is not available then the application redirects the user to Passport Sign on page. Passport service authenticates the user details on sign on page and if valid then stores the authenticated cookie on client machine and then redirect the user to requested page What are the advantages of Passport authentication? All the websites can be accessed using single login credentials. So no need to remember login credentials for each web site. What are the asp. How do you register JavaScript for webcontrols? In which event are the controls fully loaded? Boxing is assigning a value type to reference type variable. Unboxing is reverse of boxing ie. Assigning reference type variable to value type variable. Differentiate strong typing and weak typing In strong typing, the data types of variable are checked at compile time. On the other hand, in case of weak typing the variable data types are checked at runtime. In case of strong typing, there is no chance of compilation error. Scripts use weak typing and hence issues arises at runtime. How we can force all the validation controls to run? Validate method is used to force all the validation controls to run and to perform validation. List all templates of the Repeater control.

## Chapter 5 : Top 10 calendrierdelascience.com MVC Interview Questions - Web Development Tutorial

*calendrierdelascience.com MVC Interview Questions with Answers S.A Gillani December 20, 2 Comments I tried my level best to write many of the calendrierdelascience.com MVC Interview questions to be asked in a software house.*

What is mvc design pattern? MVC design pattern divides an application into three aspects: The model in the MVC framework is not related to the presentation of the application. The model component focus on keeping track of the state of the application. It also defines business rules for data, means how the data can be changed and manipulated. The main work function of the view is represent the information in user understandable format. The controller layer is helpful to selects the most appropriate view and delivers it to the user. There are some features of model in mvc framework as given below: This component model is not exposed to the information about the view and the manner way in which data is to be displayed. A model does not know about view actions used to manipulate the data. Every data is accessed and manipulated through the methods that are completely independent of the view. A model is contains the business logic and data access code. A model defines what the application exactly does. The model layer is self contained and function independent of the view and the controller layers. There are some features of View in mvc framework as given below: With the help of view user can perform input output operations. Requesting the updates from the model: So any changes in database or values in model layer to update the changes if any. Sending the user inputs to the controller: Here user first interact with view which further communicates with controller about the user input,after that controller makes changes in model layer according to user requirements and then after it inform the changes to view layer. Allowing the controller to select the view: Views allows the controller to determine which view is suitable for which user and provide them accordingly. Mapping the user action into model updates: It is independent the view and the controller components. Which two components can communicate directly with each other in MVC Framework? The view and the controller communicates with each other directly because these two components are specially designed to work together. The Model component is the important component in mvc framework because it contains business logic and data access codes. Subscribe through email and get Free updates in inbox Please like and share this post with your friends You May Also Like

## Chapter 6 : Top 20 Entity Framework Interview Questions - MUST HAVE - Web Development Tutorial

*Here in this article I will explain top 40 most asked calendrierdelascience.com MVC interview questions and answers  
What is MVC (Model View Controller) MVC is a software architecture pattern for developing web application.*

Locate and invoke controller action Instantiate and render view. Improved reusability of model and views. We can have multiple views which can point to the same model and vice versa. Improved structuring of the code. MVC pattern concerns on separating the content from presentation and data-processing from content. Razor was designed specifically for view engine syntax. Main focus of this would be to simplify and code-focused templating for HTML generation. Below is the sample of using Razor: Instead of using events like onclick and onsubmit, the unobtrusive JavaScript attaches to elements by their ID or class based on the HTML5 data-attributes. ViewModel is a plain class with properties, which is used to bind it to strongly typed view. ViewModel can have the validation rules defined for its properties using data annotations. Routing is a pattern matching mechanism of incoming requests to the URL patterns which are registered in route table. Actions are the methods in Controller class which is responsible for returning the view or json data. This is introduced in MVC5. In this type of routing, attributes are being used to define the routes. This type of routing gives more control over classic URI Routing. This is useful in Ajax scenarios like client templates and data binding that need to post data back to the server. Dependency Resolver again has been introduced in MVC3 and it is greatly simplified the use of dependency injection in your applications. This turn to be easier and useful for decoupling the application components and making them easier to test and more configurable. Many bundles are added by default including jQuery libraries like - jquery. Below are the important namespaces used in MVC - System. Async 19 What is ViewData? In action method we are setting the value for viewdata and in view the value will be fetched by typecasting. ViewBag is a wrapper around ViewData, which allows to create dynamic properties. Advantage of viewbag over viewdata will be â€œ” In ViewBag no need to typecast the objects as in ViewData. ViewBag will take advantage of dynamic keyword which is introduced in version 4. Page 1 of 4.



## Chapter 8 : Top 31 MVC Interview Questions & Answers

*Dear readers, these calendrierdelascience.com MVC Interview Questions have been designed specially to get you acquainted with the nature of questions you may encounter during your interview for the subject of calendrierdelascience.com MVC. As per my experience good interviewers hardly plan to ask any particular question during your.*

What are these 2 places? NET routing has to be enabled here. The Route table is created in the application Start event handler, of the Global. What is the advantage of using ASP. NET web application that does not make use of routing, an incoming browser request should map to a physical file. If the file does not exist, we get page not found error. NET web application that does make use of routing, makes use of URLs that do not have to map to specific files in a Web site. What are the 3 things that are needed to specify a route? Is the following route definition a valid route definition? Therefore, routing cannot determine where to separate the value for the controller placeholder from the value for the action placeholder. What is the use of the following default route? What is the difference between adding routes, to a webforms application and to an mvc application? How do you handle variable number of segments in a route definition? An example is shown below. Use regular expressions 2. Use an object that implements IRouteConstraint interface Give 2 examples for scenarios when routing is not applied? Ignore method to prevent routing from handling certain requests. What is the use of action filters in an MVC application? Action Filters allow us to add pre-action and post-action behavior to controller action methods. If I have multiple filters implemented, what is the order in which these filters get executed?

## Chapter 9 : Top 10 calendrierdelascience.com MVC Interview Questions - CodeProject

*MVC is a software architecture pattern for developing web application. It is handled by three objects Model-View-Controller. Top 31 MVC Interview Questions & Answers.*

As per my experience good interviewers hardly plan to ask any particular question during your interview, normally questions start with some basic concept of the subject and later they continue based on further discussion and what you answer: Briefly explain us what is ASP. Tell us something about Model, view and Controllers in Asp. It is basically a business entity which is used to represent the application data. Do you know about the new features in ASP. Following are features added newly: Mobile templates Added ASP. Asynchronous controller task support. Bundling of the java scripts. Segregating the configs for ASP. Explain the advantages of ASP. Improved reusability of model and views. We can have multiple views which can point to the same model and vice versa. Improved structuring of the code. It is the process of breaking the program into various distinct features which overlaps in functionality as little as possible. Net MVC pattern concerns on separating the content from presentation and data-processing from content. What is Razor View Engine? Razor was designed specifically for view engine syntax. Main focus of this would be to simplify and code-focused templating for HTML generation. Below is the sample of using Razor: Explain us by any practical example. Instead of using events like onclick and onsubmit, the unobtrusive JavaScript attaches to elements by their ID or class based on the HTML5 data- attributes. View Model is a plain class with properties, which is used to bind it to strongly typed view. View Model can have the validation rules defined for its properties using data annotations. What you mean by Routing in ASP. Routing is a pattern matching mechanism of incoming requests to the URL patterns which are registered in route table. What are Actions in ASP. Actions are the methods in Controller class which is responsible for returning the view or json data. Action will mainly have return type: This is introduced in ASP. In this type of routing, attributes are being used to define the routes. This type of routing gives more control over classic URI Routing. Attribute Routing can be defined at controller level or at Action level like: This is useful in Ajax scenarios like client templates and data binding that need to post data back to the server. Dependency Resolver again has been introduced in ASP. Net MVC3 and it is greatly simplified the use of dependency injection in your applications. This turn to be easier and useful for decoupling the application components and making them easier to test and more configurable. Net MVC4 is used to register the bundles by the bundling and minification system. Many bundles are added by default including jQuery libraries like - jquery. How route table has been created in ASP. Which are the important namespaces used in ASP. Below are the important namespaces used in ASP. Net MVC - System.