Asp net web api 2 recipes a problem solution approach

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Which action result supports ASP.NET Web API 2?

What is the difference between Web API and Web API 2? WebAPI-2 supports you to configure routes in the controller level or the webAPI method level. Unlike in WebAPI-1 you could only configure routes in the global. asax. The ability configure routes in the controller will come handy when you have complex routes in your service.

Which service method will enable API versioning in ASP.NET Core Web API? To implement API versioning in ASP.NET Core you need to do the following: Install the ASP.NET Core MVC Versioning package. Configure API versioning in the Startup class. Annotate the controllers and actions with appropriate attributes.

What are the action methods in ASP.NET Core Web API? An action (or action method) is a method on a controller which handles requests. Controllers logically group similar actions together. This aggregation of actions allows common sets of rules, such as routing, caching, and authorization, to be applied collectively. Requests are mapped to actions through routing.

What is the difference between IActionResult and ActionResult in Web API? IActionResult is more suitable for scenarios where a method may return various response types depending on different conditions. ActionResult is preferred when you want to clearly specify both the data type and the HTTP status code to be returned.

Which of the following types are valid response types of Web API 2 action method?

What are the 4 main types of Web APIs?

What is the difference between web 2 and web 3? Web2, also known as the current version of the internet, is dominated by companies that offer services in exchange for personal data. In contrast, Web3 refers to decentralized applications (DApps) running on the blockchain, where users can participate without compromising their privacy and ownership of data.

Which is better Web API or REST API? REST APIs often perform better due to their stateless nature and reliance on standard HTTP methods. They typically use JSON, which is generally more lightweight than XML in SOAP and leads to faster data transmission and processing. They also leverage HTTP caching mechanisms to improve response times.

How many ways can we do web API versioning? Different Types of API Versioning The most common ways to implement API versioning are: URL versioning: https://localhost:5001/api/v1/workouts. Header versioning: https://localhost:5001/api/workouts -H 'X-Api-Version: 1' Query parameter versioning: https://localhost:5001/api/workouts?api-version=1.

How to use authorization filter in ASP.NET Core web api? Implementing Custom Authorization Filters To implement a custom authorization filter, you need to create a class that implements the IAuthorizationFilter interface or derives from the AuthorizeAttribute base class. This allows you to override the necessary methods to perform custom authorization logic.

How do I manage REST API versioning?

Can we overload action method in Web API? If so, what changes need to be made to the Route table. As a workaround you could define one method that accepts the string argument and from there delegate to helper methods based on what the argument can be parsed as.

How routing works in ASP.NET Core web api?

How many types of API are there in ASP.NET Core? ASP.NET Core supports two approaches to creating APIs: a controller-based approach and minimal APIs. Controllers in an API project are classes that derive from ControllerBase. Minimal APIs define endpoints with logical handlers in lambdas or methods. This article points out differences between the two approaches.

Should I return IActionResult or ActionResult? The IActionResult return type is appropriate when multiple ActionResult return types are possible in an action. The ActionResult types represent various HTTP status codes. Any non-abstract class deriving from ActionResult qualifies as a valid return type.

What is the difference between postback and callback in asp net? "A callback is generally a call for execution of a function after another function has completed." But if we try to differentiate it from a postback, then we can say: It's a call made to the server to receive specific data instead of whole page refresh like a postback.

What is the difference between Httppost and Httpget in Web API? In general, POST should be used for requests that potentially modify state on the server, and GET should be used for read-only operations. The HTTP specification differentiates POST and GET in terms of their intent: GET is idempotent: it is for obtaining a resource, without changing anything on the server.

What is the difference between IActionResult and ActionResult in ASP.NET Core? ActionResult is an abstract class in ASP.NET Core MVC, serving as a base for built-in result types. IActionResult is an interface defining a contract for action results, allowing for custom result types and greater code flexibility.

How to handle error in Web API?

Which types of routing is supported in Web API 2? Web API 2 supports a new type of routing, called attribute routing. As the name implies, attribute routing uses attributes to define routes. Attribute routing gives you more control over the URIs in your web API. For example, you can easily create URIs that describe hierarchies of resources.

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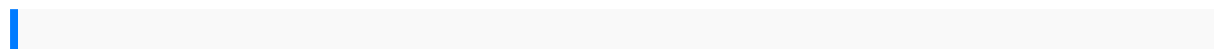
attributes to define routes. Attribute routing gives you more control over the URIs in your web API. For example, you can easily create URIs that describe hierarchies of resources.

Which .NET framework supports Web API 2? Web API is supported in the . NET Framework 4.5 and later versions. It is also supported in . NET Core, which is a cross-platform, open-source framework.

Which HTTP verbs are supported by asp net core Web API?

What are the main return types supported in asp net Web API?

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