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...RESTful API Designing guidelines — The best practices ...

Here are some of the main design principles of RESTful APIs using HTTP: REST APIs are designed around resources, which are any kind of object, data, or service that can be accessed by the client. A resource has an identifier, which is a URI that uniquely identifies that resource. For example, the URI for a particular customer order might be:

API design guidance - Best practices for cloud ...

In a previous blog post, I briefly discussed the importance of API design. The benefits of a well-designed API include: improved developer experience, faster documentation, and higher adoption for your API . But what exactly goes into good API design? In this blog post, I will detail a few best practices for designing RESTful APIs.

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Identify Object Model. The very first step in designing a REST API based application is - identifying the objects which will be presented as resources. For a network-based application, object modeling is pretty much more straightforward. There can be many things such as devices, managed entities, routers, modems, etc.

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Use Proper HTTP Methods (Verbs)

HTTP methods used by most RESTful web APIs are: The URL is a sentence, where resources are nouns and HTTP methods are verbs. GET - retrieves a

representation of the resource at the specified URI. The body of the response message contains the details of the requested resource.

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