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Suyog Rao

Director of Engineering at Elastic Cloud

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How to call an API which is based on XML-RPC specification in C#?

Asked 4 years, 4 months ago Active 3 years, 3 months ago Viewed 8k times



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</methodCall>

Here is my sample successful response for the request:

```
<struct>
  <member>
    <name>id</name>
    <value><string>12345</string></value>
  </member>
  <member>
    <name>api_status</name>
    <value><int>200</int></value>
  </member>
</struct>
```

Question:

I was trying to call an **API** endpoint from a **.NET console application**. But, it didn't get connected to the server. Can anyone tell me how can I call this **API** endpoint using **C#**?



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edited Jan 10 '18 at 11:51

asked Nov 17 '16 at 6:07



Arun Raj R

1,777 ● 2 ● 10 ● 20

Amit Kumar Ghosh Nov 17 '16 at 7:38 ✎

Arun Raj R Nov 18 '16 at 10:20

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Step 3: Created a sample **request** model class like this,



```
public class request
{
    public string username { get; set; }
    public string password { get; set; }
}
```

Step 4 : Created a sample **response** model class like this,

```
public class response
{
    public int id { get; set; }
    public int status { get; set; }
}
```

`FlRpcProxy` base class with the help of the **namespace** `using CookComputing.XmlRpc;` and should decorate with the **filter** `XmlRpcUrl` having the **API** resource.

necessary to use an instance of a **proxy** class.

```
FlRPC proxy = XmlRpcProxyGen.Create<FlRPC>();
```

```
request.password = "xxxxxxx";  
request.username = "xxxx@xxxx.org";  
response = proxy.login(request);  
}  
}
```

Note: The above **request**, **response** model class must contain all the properties and the property name should be similar to the payload of the endpoint's request, response.

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answered Nov 18 '16 at 6:24



Arun Raj R

1,777 ● 2 ● 10 ● 20

This is great, however what if I don't know the response I am getting back and just want to view the entire response instead? – Si8 Jul 5 '18 at 20:09

I am getting this error: response contains struct value with missing non-optional members: Result Status [response : struct mapped to type response] – Si8 Jul 5 '18 at 20:17



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