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Call ASP.NET Web API from jQuery

Suggested Videos
Part 10 - Custom method names in ASP.NET Web API
Part 11 - ASP.NET Web API query string parameters
Part 12 - FromBody and FromUri in Web API

In this video we will discuss **how to call ASP.NET Web API Service using jQuery**.

When **"Get All Employees"** button is clicked we want to retrieve all the employees and display their fullname in unordered list. When **"Clear"** button is clicked we want to clear the employees from the list.

Get All Employees	Clear

- Mark Hastings
- Steve Pound
- Ben Hoskins
- Philip Hastings
- Mary Lambeth
- Valarie Vikings
- John Stanmore

```html
<!DOCTYPE html>
<html>
<head>
    <title></title>
    <meta charset="utf-8" />
    <script src="Scripts/jquery-1.10.2.js"></script>
    <script type="text/javascript">
        $(document).ready(function () {
            var ulEmployees = $('#ulEmployees');
            $('#btn').click(function () {
                $.ajax({
                    type: 'GET',
                    url: "api/employees/",
                    dataType: 'json',
                    success: function (data) {
                        ulEmployees.empty();
                        $.each(data, function (index, val) {
```
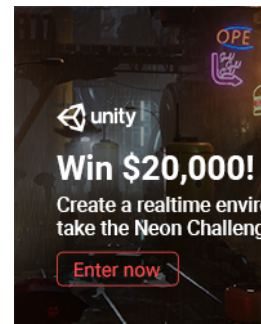
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Angular base href | Text | Slides

SOLID Principles

SOLID Introduction | Text | Slides

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```
                var fullName = val.FirstName + ' ' + val.LastName;
                ulEmployees.append('<li>' + fullName + '</li>');
            });
        }
    });
});
$('#btnClear').click(function () {
    ulEmployees.empty();
});
});
    </script>
</head>
<body>
    <div>
        <input id="btn" type="button" value="Get All Employees" />
        <input id="btnClear" type="button" value="Clear" />
        <ul id="ulEmployees" />
    </div>
</body>
</html>
```

In our case both the client (i.e the HTML page that contains the ajax code) and the
asp.net web api service are in the same project so it worked without any problem. If
they are present in different projects then this wouldn't work.

In our next video we will discuss

- Why the AJAX call wouldn't work if the client and service are in different
  projects
- How to make it work

7 comments:

sanjeev mishra October 12, 2016 at 6:01 AM

Hii Sir You are not using any method while calling webapi how its mapping which
method call. ???

Reply

>   Replies
>
>   **Venkateshkumar Kanniyappan** March 8, 2017 at 7:24 PM
>
>   He is calling Web Api method api/Employee using GET. That means It will
>   invoke HTTPGet Employee Action method.
>
>   **Reply**

Anonymous December 16, 2016 at 12:27 PM

jQuery get method is being used to to call the webapi

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Reply

Anonymous February 14, 2017 at 9:11 AM

In web api http verb get is mapped to a method in specified controller that has the name get and in this way you need not to specify the function in ajax calling

Reply

Krishna Sh March 20, 2017 at 9:09 AM

Hi sir, when i use same method in jquery am getting undefined value instead of employees detais.
what's problem for this please let me know sir.

Reply

> **Replies**
>
> **Rajanikanth Reddy** May 14, 2017 at 12:55 PM
>
> if you have added new CamelCasePropertyNamesContractResolver() as ContractResolver use firstName and lastName

Reply

Hamed Nawaz Anonymous November 30, 2017 at 3:50 AM

Am not getting the required data when i click the GetallEmployee button is there any ajax is not working???

Reply

```
Enter your comment...
```

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