C#

WebAPI Cheatsheet

Get started with WebAPI including authentication calls, basic commands, and more.

HTTP Verbs

GET   Read
POST   Create
PUT   Replace
PATCH   Modify
DELETE   Delete

IHttpActionResult

200 **Ok**

302 **Redirect**

400 **BadRequest**

401 **Unauthorized**

404 **NotFound**

409 **Conflict**

500 **Exception**

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Sign Up For An Account

To create a new account through the API, you will need to do the following:

Default API Path: /api/account/register

Call Type: POST

Body (*raw application/json*):

```
{
    "Email": "youremail@test.com",
    "Password": "TestPwd123?",
    "ConfirmPassword": "TestPwd123?"
}
```

Get Token (Log In)

To log into your account and get the token to be used on all future calls, perform the following call:

Default API Path: /token

Call Type: GET

Body (*x-www-form-urlencoded*):

```
{
    grant_type: password
    username: youremail@test.com
    password: TestPwd123?
}
```

Making an Authorized Call

Once you have your token, to call an API endpoint that requires authorization, make the following additions to whatever call you make:

Headers

```
{
    Authorization: "Bearer <token>"
}
```

Endpoint Attributes

To modify an endpoint in some way, you can include one or more of the following attributes:

[Authorize]
Everyone who calls this endpoint must include the bearer token. You can also limit authorization like so: **[Authorize (Roles = "Employees")]**

[HttpGet]
Specifies the type of HTTP verb required to connect to this endpoint. Other verb can be used as well (HttpPost, HttpPut, etc.)

[Route("api/Test/MyRoute")]
Specifies route used to connect to this endpoint. This overrides the default. Especially useful for deeper paths or method overloading.