

# Creating a REST API with Azure Functions

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# Default HTTP Triggered Function Routes



`http://localhost:7071/api/MyFunctionName`



`https://myfunctionapp.azurewebsites.net/api/MyFunctionName`



How can we customize the route?



# Demo Scenario

## REST API for a Todo List Application

Operation	Default Route	REST Route
Get all Todo items	api/GetAllTodos	GET api/todo
Get Todo item by id	api/GetTodoById	GET api/todo/{id}
Create new Todo item	api/CreateTodo	POST api/todo
Update a Todo item	api/UpdateTodo	PUT api/todo/{id}
Delete a Todo item	api/DeleteTodo	DELETE api/todo/{id}



# Demo



## Create a Todo item

- POST /api/todo



# Demo



## Get all Todo items

- GET /api/todo



# Demo



## Get a Todo item by id

- GET /api/todo/{id}



# Demo



## Update a Todo item

- PUT /api/todo/{id}



# Demo



## Delete a Todo item

- DELETE /api/todo/{id}





# Demo



## Test the API with Postman



# Demo



## Calling the API from a web page

- Configure CORS



# Overview



## Implement a REST API

- Customized function route
- Functions can share a route

## Route template syntax

- {id}
- Binds to the “id” parameter

## OkObjectResult

Up next:  
Working with Triggers  
and Bindings

