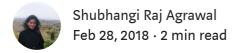# The 7 RESTful routes!

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Feb 28, 2018 · 2 min read

What is REST?

REST (i.e. Representation State Transfer) is an architectural style for defining our routes. It is a way of mapping HTTP routes and the CRUD functionalities.

What are routes?

Routes are the code that are responsible for listening and receiving requests and then deciding what to send back.

What is CRUD?

When building APIs, we want to provide the four basic types of functionality. There must be a way to Create, Read, Update, and Delete resources.

In a REST environment, CRUD often corresponds to the HTTP methods POST, GET, PUT, and DELETE, respectively.

The 7 RESTful routes

Route name	URL	HTTP Verb	Description
Index	/blogs	GET	Display a list of all blogs
New	/blog/new	GET	Show form to make new blogs

New	/blog/new	GET	Show form to make new blogs
Create	/blogs	POST	Add new blog to database, then redirect
Show	/blogs/:id	GET	Show info about one blogs
Edit	/blogs/:id/edit	GET	Show edit form of one blog
Update	/blogs/:id	PUT	Update a particular blog, then redirect
Destroy	/blogs/:id	DELETE	Delete a particular blog, then redirect

How this helps?

By following this pattern, you don't have to reinvent the wheel every time you build a new CRUD app. The routes and method names have already been decided, so you can just focus on the app itself.

Since all CRUD apps are capable of doing the same four basic actions, these routes can be used for all your projects.

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Checkout my RESTfulBlogApp repo on github page. It is a fully functional CRUD app, built using Node.js.

ShubhangiRaj/RESTfulBlogApp

RESTfulBlogApp - A Node.js blog app with CRUD operations and the seven RESTful routes.

github.com

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Also, for more information on CRUD and REST API browse through the following articles.