Instructions

This application can be run from command prompt as:

mvnw.cmd spring-boot:run

Replace the {nodeName} in the API with name of the node

The following are the REST API

1. Get a node : (HTTP GET Method )

[http://localhost:8080/treenode/{nodeName}](http://localhost:8080/treenode/%7BnodeName%7D)

1. Add child to a node : HTTP POST method

[http://localhost:8080/treenode/{nodeName}](http://localhost:8080/treenode/%7BnodeName%7D)

JSON Pay load  ->

{

"name": "testchild",

"description": "This is the test"

 }

1. Delete a node : (HTTP DELETE Method )

[http://localhost:8080/treenode/{nodeName}](http://localhost:8080/treenode/%7BnodeName%7D)

1. Path to the node:  (GET Method )

[http://localhost:8080/treenode/{nodeName}/calculatepath](http://localhost:8080/treenode/%7bnodeName%7d/calculatepath)

1. Get Children : (GET Method )

[http://localhost:8080/treenode/{nodeName}/children](http://localhost:8080/treenode/%7bnodeName%7d/children)

1. Get descendants:  (GET Method )

[http://localhost:8080/treenode/{nodeName}/descendants](http://localhost:8080/treenode/%7BnodeName%7D/descendants)