COM S 319

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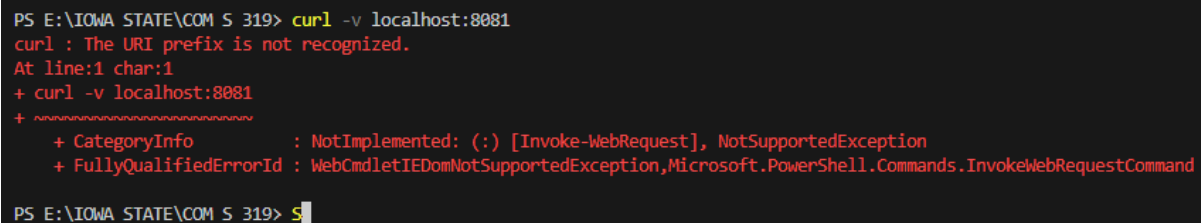
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REST How I understand REST is that it is a architectural style for designing networked applications. So that I relies on HTTP. It has its resources by communicating with other computer systems to exchange information over the internet.

API An API is a set of rules that allows for software apps to communicate with each other. They define the methods that other apps can use to request or exchange information

The command line did not display what it shoulve and I look everywhere for the fix to display it.

The screenshot attached is the error I kept getting


```
PS E:\IOWA STATE\COM S 319> curl -v localhost:8081
curl : The URI prefix is not recognized.
At line:1 char:1
+ curl -v localhost:8081
+ ~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : NotImplemented: (:) [Invoke-WebRequest], NotSupportedException
    + FullyQualifiedErrorId : WebCmdletIEDomNotSupportedException,Microsoft.PowerShell.Commands.InvokeWebRequestCommand

PS E:\IOWA STATE\COM S 319> S
```

curl -v localhost:8081/

But to explain why the connection could not be satisfied is because the host is returning a 404 error, which means that the request that is trying to be made, contains bad syntax for it could not make the request.

curl -v localhost:8081/listRobots

The GET request was successful and returns a 200 code, meaning it will display all the information requested and no error exist in the code. The response would be return in the json of the robots displaying all the information location in that file.

curl -v localhost:8081/listRobots (WITH A 404 error)

The GET request would fail because we made it a 404 error making it able to not get the requested info that we needed.

With the 404 error still in the code, the browser will return a 404 error saying it can not get the requested information
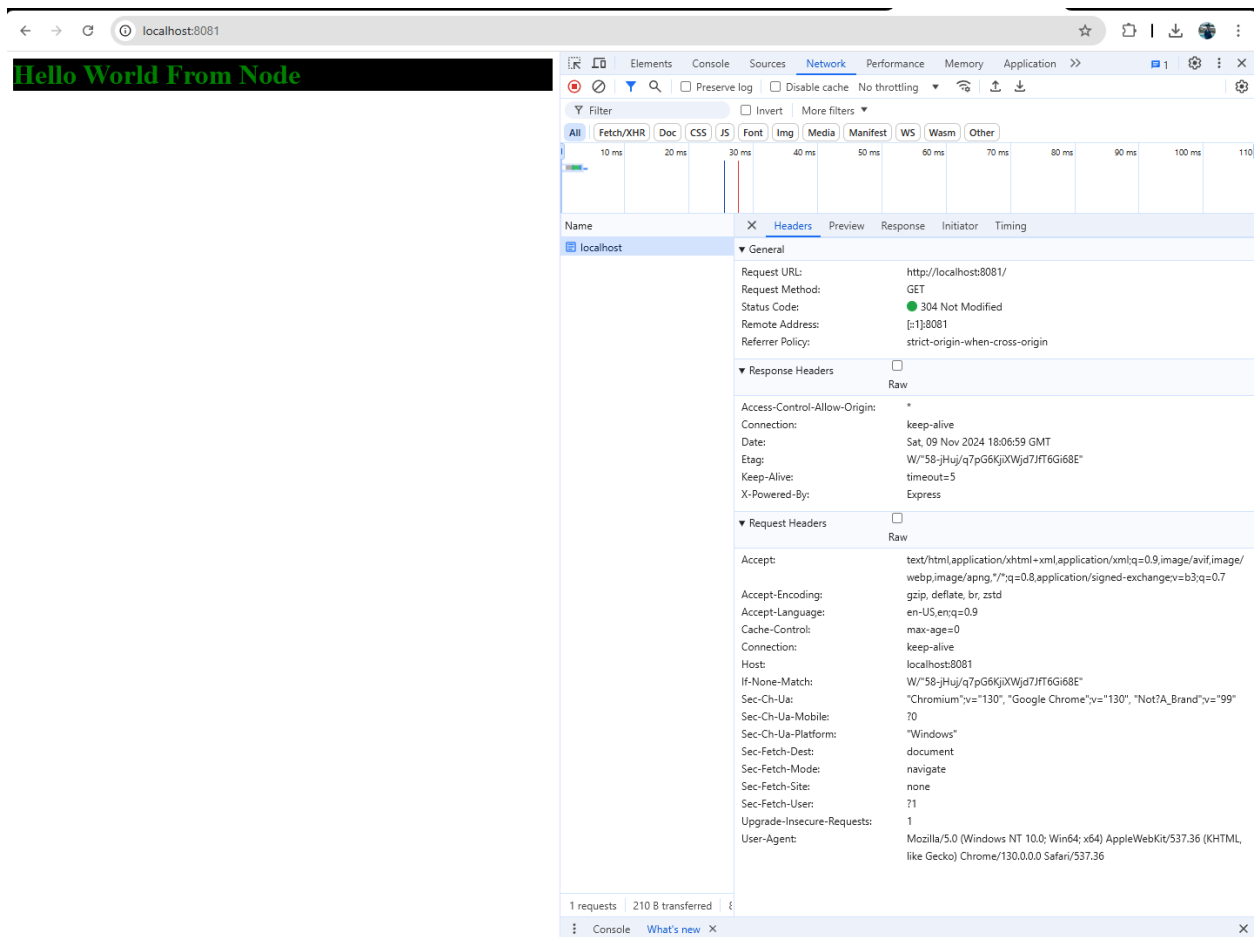
The added html code will update and return the browser with a 200 code which is successfully requested and changes the webpage adding in the html code.

retty-print ☐

"name":"alex","email":"alex@mail.com","job":"software dev"}
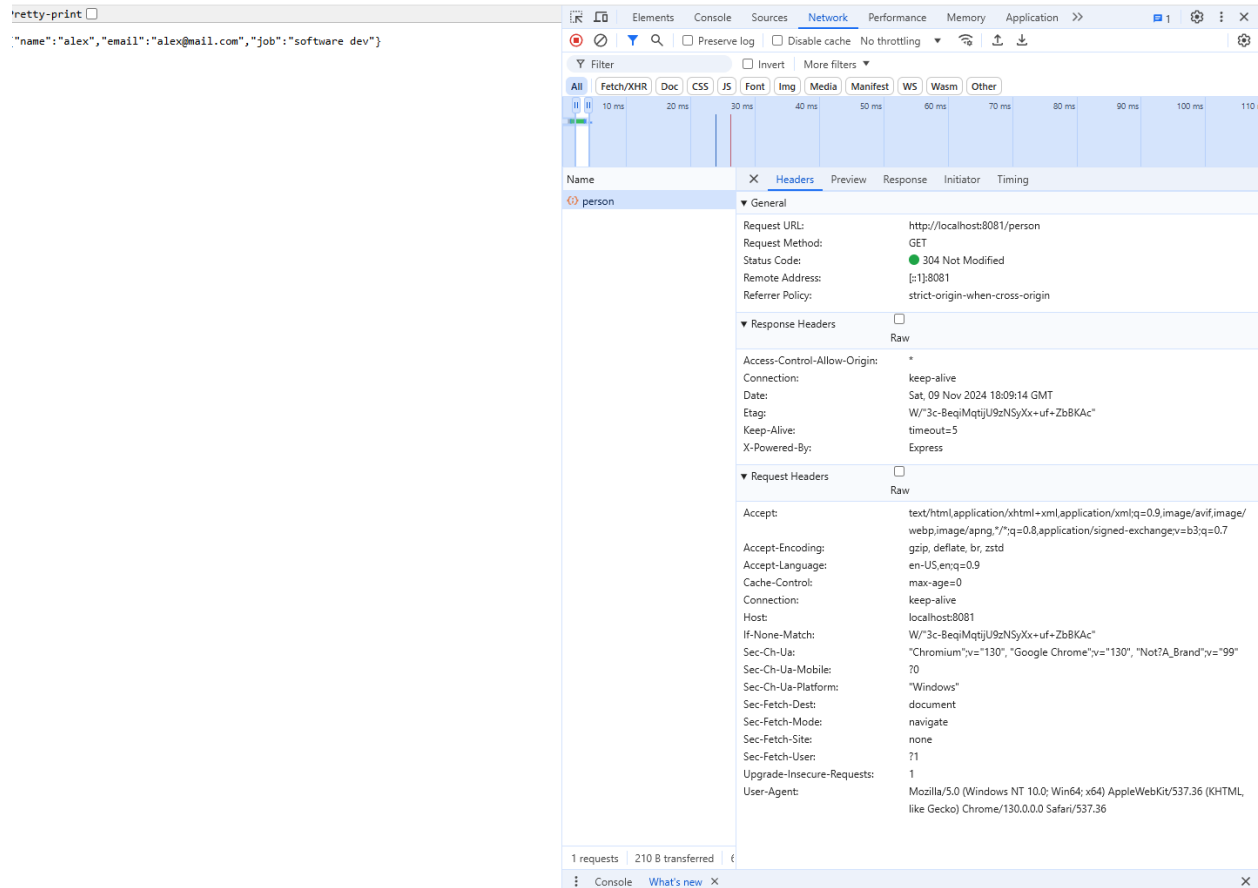
The request in local host will return the information about the person.