TCSS 558: Applied Distributed Computing [Winter 2020] School of Engineering and Technology, UW-Tacoma





















\$ sudo docker run -p 8080:8080 -drm tomcat1 56a8e9964feb938fc8e0bd9af0f3a3483e3ca42fb6a428855895c0018bab4d96
\$ sudo docker ps -a CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES 56a8e9964feb tomcat1 "/entrypoint_tomcat" 2 seconds ago Up 2 seconds 0.0.0.0:8080->8080/tcp zealous_kare
# USE THIS COMMAND TO SHELL INSIDE A DOCKER CONTAINER ON THE HOST \$ sudo docker exec -lt 56a8e9964feb bash
root@56a8e9964feb:/# apt update
Hit:1 http://archive.ubuntu.com/ubuntu bionic inRelease
Output truncated for brevity
root@56a8e9964feb:/# apt Install net-tools
The following NEW packages will be installed:
net-tools
Output truncated for brevity
# CHECK THE DUCKER CONTAINER S INTERNAL IF ADDRESS
eth0: flags=4163 <iip broadcast="" multicast="" running=""> mtu 1500</iip>
Inet 172.17.0.2 netmask 255.255.0.0 broadcast 172.17.255.255
ether 02:42:ac:11:00:02 txqueuelen 0 (Ethernet)
RX packets 95 bytes 202196 (202.1 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 92 bytes 7111 (7.1 KB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

















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REST-FUL OPERATIONS			
Operation	Description		
POST	Modify a resource by transferring a new state	(C)reate	
GET	Retrieve state of a resource in some format	(R)ead	
PUT	Create a new resource	(U)pdate	
DELETE	Delete a resource	(D)elete	
<ul> <li>Resources often implemented as objects in OO languages</li> <li>REST is weak for tracking state</li> <li>Generic REST interfaces enable ubiquitous "so many" clients</li> </ul>			









```
<code-block><text></code>
```





































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