

## CS-470 Full Stack Development II – Docker Compose

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# MODULE TWO ASSIGNMENT TWO SINU



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## **Docker Compose**

### Docker-Compose Up lafs-api

```
~/Code/SNHU-Code/CS-470/Module 2 Assignment 1/lafs-api
  -/Code/SNHU-Code/CS-4/0/Module 2 Assignment 1/lars-api

[+] Running 2/0

/ Container lafs-db Created 0.0s

/ Container lafs-api Created 0.0s

/ Container lafs-api Created 0.0s

Attaching to lafs-api, lafs-db lafs-abi lafs-db lafs-abi lafs-db ["t":("Sdates":7023-08-30T10:21:42.205+00:00"),"s":"I", "c":"CONTROL", "id":23285, "ctx":"main","msg":"Automatical ly disabling TLS 1.0, to force-enable TLS 1.0, specify --sslDisabledProtocols 'none")

| Afs-db | ("t":("Sdates":7023-08-30T10:21:42.207+00:00"),"s":"I", "c":"WTWORK", "id":4648601, "ctx":"main","msg":"Implicit TC P FastOpen unavailable. If TCP FastOpen is required, set tcpFastOpenServer, tcpFastOpenClient, and tcpFastOpenQueueSize.") lafs-db ("t":("Sdate":7023-08-30T10:21:42.207+00:00"), "s":"I", "c":"CONTROL", "id":23280, "ctx":"initandlisten", "msg":"MongoDB starting", "attr":("pid":1, "port":27017, "dbPath":"/data/db", "architecture":"64-bit", "host":"8d92e0d1791b")} lafs-db | ("t":("Sdate":7023-08-30T10:21:42.207+00:00"), "s":"I", "c":"CONTROL", "id":23403, "ctx":"initandlisten", "msg":"Bu Id Info", "attr":("bulldinfo":("version:"14.224, 24*, "gitVersion":"0b86b9b7b42ad9970c5f818c527dd86c6654243a", "open5SLVersion":"0pen5SL 1.1.1f 31 Mar 2020", "modules":[], "allocator":"tcmalloc", "environment":("distmod":"ubuntu2004", "distarch":"aarch64", "target_arch":"aarch64")})}
1.1.1f 31 Mar 2020", "modules":[], "allocator": "tcmalloc", "environment": {"distmod": "ubuntu2004", "distarch": "aarcne4", target_arcne"; "aarch64"}}}}

Jafs-db | ("t":("$date":"2023-08-30T10:21:42.207+00:00"), "s":"I", "c":"CONTROL", "id":51765, "ctx":"initandlisten", "msg":"Operating System", "attr":("osi":("name":"Ubuntu", "version":"20.04")}}

Jafs-db | ("t":("$date":"2023-08-30T10:21:42.207+00:00"), "s":"I", "c":"CONTROL", "id":21951, "ctx":"initandlisten", "msg":"Options set by command line", "attr":("options":("net":("bindIp":"*")}}}

Jafs-db | ("t":("$date":"2023-08-30T10:21:42.208+00:00"), "s":"I", "c":"STORAGE", "id":22297, "ctx":"initandlisten", "msg":"Us ing the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem", "tags":("startupWarnings")}

Jafs-db | ("t":("$date":"2023-08-30T10:21:42.208+00:00"), "s":"I", "c":"STORAGE", "id":22215, "ctx:"initandlisten", "msg":"Opening WiredTiger", "attr":("config::"create,cache_size=3413M,session_max=33000,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=100000,close_5 can_interval=10,close_handle_minimum=250),statistics_log=(wait=0),verbose=[recovery_progress,checkpoint_progress,compact_progress],")}
                                                                                                                                 > learn-angular-from-scratch-step-by-step-api@1.0.0 start /usr/src/lafs
                    ifs-api |
ifs-ap
                         ss control is not enabled for the database. Read and write access to data and configuration is unrestricted, "tags": "startupkar rgs"] fs-db | {"t": "$date": "2023-08-30T10: 21:42.899+00:00"}, "s": "I", "c": "STORAGE", "id": 20320, "ctx": "initandlisten", "msg": "crecollection", "attr": ("namespace": "admin. system.version", "uuidDisposition": "provided", "uuid": ("suuid": "890716b-a63e-468 9630-bd124e6fa6c4"))} "c": "f": ("stade": "2023-08-30T10: 1242.903+00:009"), "s": "I", "c": "INSEX", "id": 20345, "ctx": "initandlisten", "msg": "In x build: done building", "attr": ("buildUVID": null, "namespace": "admin. system.version", "index": "id_", "commitTimestamp": ("$timestam ("t":0, "i":0)})) "fs-db | {"t": ("$date": "2023-08-30T10: 121:42.903+00:009"), "s": "I", "c": "COMMAND", "id": 20459, "ctx": "initandlisten", "msg": "Se ing featureCompatibilityVersion", "attr": ("newVersion: "d.4")} "fs-db | {"t": ("$date": "2023-08-30T10: 121:42.904+00:009"), "s": "I", "c": "STORAGE", "id": 20536, "ctx": "initandlisten", "msg": "Fl Control is enabled on this deployment"} "fs-db | {"t": ("stade: "2023-08-30T10: 121:42.904+00:009"), "s": "I", "c": "STORAGE", "id": 20320, "ctx": "initandlisten", "msg": "cr teCollection", "attr": ("namespace": "local.startup.log", "uuidDisposition": "generated", "uuid": ("uuid": ("suuid": "la673da-2d40-4585-ea-6380277cdb0")), "poitions": "("capped': true, "stze: "id48857609)), "s": "I", "c": "INDEX", "id": 20345, "ctx": "initandlisten", "msg": "In x build: done building", "attr": ("buildUVID": null, "namespace": "local.startup.log", "index": "id": "did": "did": "g", "commitTimestamp": ("stimestamp": "to," "loon!)))}
                 | ("t":("sdate": '2023-08-30110:21:42.908+00:00"), "s":"I", "c":"INDEX", "id":20345, "ctx":"initandlisten", "msg":"In x buld: done building", "attr":("buildUUID":null, "namespace":"local.startup_log, "index":"_id_", "commitTimestamp":("$timestamp": ("$t":", "id":0})])
| Afs-db | ("t":("$date": '2023-08-30110:21:42.908+00:00"), "s":"I", "c":"FTDC", "id":20625, "ctx":"initandlisten", "msg":"In italizing full-time diagnostic data capture", "attr":("dataDirectory":"/data/db/diagnostic.data")}
| Afs-db | ("t":("$date": '2023-08-30110:21:42.908+00:00"), "s":"I", "c":"REPL", "id":6015317, "ctx":"initandlisten", "msg":"Se ing new configuration state", "attr":("adressiae", "tomogode-72017.sock")|
| Afs-db | ("t":("$date": '2023-08-30110:21:42.909+00:00"), "s":"I", "c":"NETWORK", "id":23015, "ctx":"listener", "msg":"Listeni ("", "mattr":("address": "0.90.09-3010:21:42.909+00:00"), "s":"I", "c":"NETWORK", "id":23015, "ctx":"listener", "msg":"Listeni ("", "address": "0.90.09-3010:21:42.909+00:00"), "s":"I", "c":"NETWORK", "id":23016, "ctx":"listener", "msg":"Listeni ("", "address": "0.90.09-3010:21:42.909+00:00"), "s":"I", "c":"NETWORK", "id":23016, "ctx":"listener", "msg":"Waiting for connections", "attr":("address": "0.90.09-3010:21:42.909+00:00"), "s":"I", "c":"CONTROL", "id":23016, "ctx":"logicalSessionCacheReap" "msg":"Sessions collection is not set up; waiting until next sessions reap interval", "attr":("error*: NamespaceNotFound: config.s stem.sessions does not exist"),

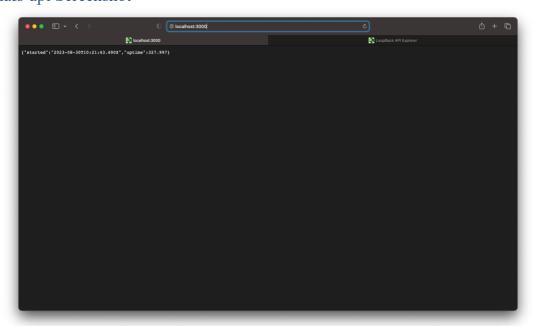
Afs-db | ("t":"Sdate": '2023-08-30110:21:42.910+00:00"), "s":"I", "c":"SDRAGE", "id":20340, "ctx":"LogicalSessionCacheReap" "msg":"Sessions collection is not set up; waiting until next sessions reap interval", "attr":("error*: NamespaceNotFound: config.s stem.sessions does not exist"),

Afs-db | ("t":"Sdate": '2023-08-30110:21:42.910+00:00"), "s":"I", "c":"SDRAGE", "id":20340, "ctx":"LogicalSessionCacheRefre ("","msg":"CreateCollection", "attr":("adate":"config.system.sessions", "id":20345, "ctx":"LogicalSessionCacheRefre ("","msg":"Index build: don
```



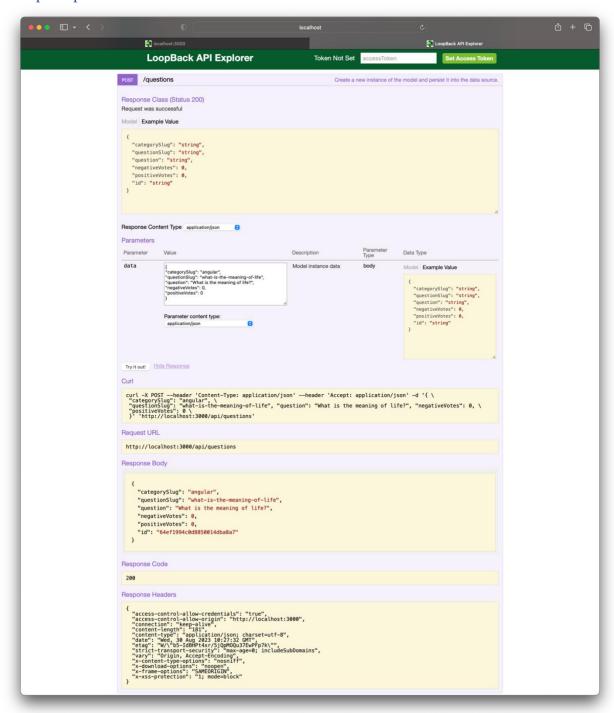
## Docker-Compose Up lafs-web

### lafs-api Screenshot





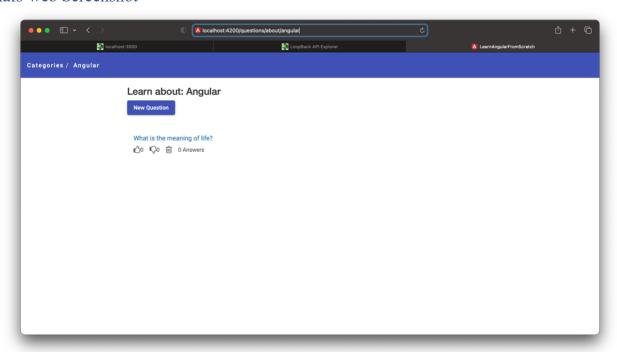
## lafs-api Explorer Screenshot



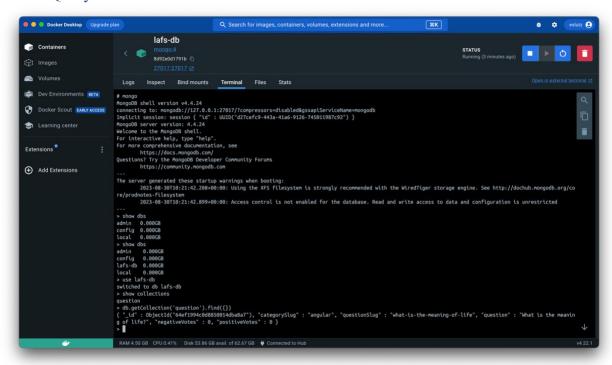
### MODULE TWO ASSIGNMENT TWO



### lafs-web Screenshot



## lafs-db Query



#### MODULE TWO ASSIGNMENT TWO



## Docker ps -a

```
| Code/SNHU-Code/CS-470/Module 2 Assignment 1/lafs-web | Contains | Code/SNHU-Code/CS-470/Module 2 Assignment 1/lafs-web | Contains | Code/SNHU-Code/CS-470/Module 2 Assignment 1/lafs-web | Code/SNHU-Code/CS-470/Module 2 Assignment
```

#### Docker Desktop Dashboard

