Docker-Compose Up (lafs-api)

```
PS C:\Users\wongc\lafs-api> docker-compose up
time="2024-05-15T01:50:49-07:00" level=warning msg="C:\\Users\\wongc\\lafs-api\\docker-compose.yml: `version` is obsolete"
time="2024-05-15T01:50:49-07:00" level=warning msg="networks.default: external.name is deprecated. Please set name and external: true"
[+] Running 2/1
 √ Container lafs-db   Created                                                                                                    0.1s
 √ Container lafs-api  Created                                                                                                    0.1s
Attaching to lafs-api, lafs-db
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.488+00:00"},"s":"I",  "c":"CONTROL",  "id":23285,   "ctx":"main","msg":"Automatically disabling TLS 1.0, to
force-enable TLS 1.0 specify --sslDisabledProtocols 'none'"}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.505+00:00"},"s":"I",  "c":"NETWORK",  "id":4648601, "ctx":"main","msg":"Implicit TCP FastOpen unavailable.
If TCP FastOpen is required, set tcpFastOpenServer, tcpFastOpenClient, and tcpFastOpenQueueSize."}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.507+00:00"},"s":"I",  "c":"STORAGE",  "id":4615611, "ctx":"initandlisten","msg":"MongoDB starting","attr":{
"pid":1,"port":27017,"dbPath":"/data/db","architecture":"64-bit","host":"23eebfaeddcb"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.507+00:00"},"s":"I",  "c":"CONTROL",  "id":23403,   "ctx":"initandlisten","msg":"Build Info","attr":{"build
Info":{"version":"4.4.29","gitVersion":"f4dda329a99811c707eb06d05ad023599f9be263","openSSLVersion":"OpenSSL 1.1.1f  31 Mar 2020","modules":[],"allocator":
"tcmalloc","environment":{"distmod":"ubuntu2004","distarch":"x86_64","target_arch":"x86_64"}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.508+00:00"},"s":"I",  "c":"CONTROL",  "id":51765,   "ctx":"initandlisten","msg":"Operating System","attr":{
"os":{"name":"Ubuntu","version":"20.04"}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.508+00:00"},"s":"I",  "c":"CONTROL",  "id":21951,   "ctx":"initandlisten","msg":"Options set by command lin
e","attr":{"options":{"net":{"bindIp":"*"}}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.511+00:00"},"s":"I",  "c":"STORAGE",  "id":22297,   "ctx":"initandlisten","msg":"Using the XFS filesystem i
s strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem","tags":["startupWarnings"]}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:50.512+00:00"},"s":"I",  "c":"STORAGE",  "id":22315,   "ctx":"initandlisten","msg":"Opening WiredTiger","attr"
:{"config":"create,cache_size=7462M,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_scan_interval=10,close_handle_minimum=250),statistics_log=(wait=0),verbos
e=[recovery_progress,checkpoint_progress,compact_progress],"}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.228+00:00"},"s":"I",  "c":"STORAGE",  "id":22430,   "ctx":"initandlisten","msg":"WiredTiger message","attr"
:{"message":"[1715763051:228382][1:0x7f192a777cc0], txn-recover: [WT_VERB_RECOVERY | WT_VERB_RECOVERY_PROGRESS] Set global recovery timestamp: (0, 0)"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.228+00:00"},"s":"I",  "c":"STORAGE",  "id":22430,   "ctx":"initandlisten","msg":"WiredTiger message","attr"
:{"message":"[1715763051:228487][1:0x7f192a777cc0], txn-recover: [WT_VERB_RECOVERY | WT_VERB_RECOVERY_PROGRESS] Set global oldest timestamp: (0, 0)"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.260+00:00"},"s":"I",  "c":"STORAGE",  "id":4795906, "ctx":"initandlisten","msg":"WiredTiger opened","attr":
{"durationMillis":748}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.260+00:00"},"s":"I",  "c":"RECOVERY", "id":23987,   "ctx":"initandlisten","msg":"WiredTiger recoveryTimesta
mp","attr":{"recoveryTimestamp":{"$timestamp":{"t":0,"i":0}}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.288+00:00"},"s":"I",  "c":"STORAGE",  "id":22262,   "ctx":"initandlisten","msg":"Timestamp monitor starting
"}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.301+00:00"},"s":"W",  "c":"CONTROL",  "id":22120,   "ctx":"initandlisten","msg":"Access control is not enab
led for the database. Read and write access to data and configuration is unrestricted","tags":["startupWarnings"]}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.301+00:00"},"s":"W",  "c":"CONTROL",  "id":22178,   "ctx":"initandlisten","msg":"/sys/kernel/mm/transparent
_hugepage/enabled is 'always'. We suggest setting it to 'never'","tags":["startupWarnings"]}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.304+00:00"},"s":"I",  "c":"STORAGE",  "id":20320,   "ctx":"initandlisten","msg":"createCollection","attr":{
"namespace":"admin.system.version","uuidDisposition":"provided","uuid":{"uuid":{"$uuid":"eb0db972-448a-4330-9c69-14c19c2db07b"}},"options":{"uuid":{"$uuid
":"eb0db972-448a-4330-9c69-14c19c2db07b"}}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.333+00:00"},"s":"I",  "c":"INDEX",    "id":20345,   "ctx":"initandlisten","msg":"Index build: done building
","attr":{"buildUUID":null,"namespace":"admin.system.version","index":"_id_","commitTimestamp":{"$timestamp":{"t":0,"i":0}}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.334+00:00"},"s":"I",  "c":"COMMAND",  "id":20459,   "ctx":"initandlisten","msg":"Setting featureCompatibili
tyVersion","attr":{"newVersion":"4.4"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.335+00:00"},"s":"I",  "c":"STORAGE",  "id":20536,   "ctx":"initandlisten","msg":"Flow Control is enabled on
 this deployment"}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.338+00:00"},"s":"I",  "c":"STORAGE",  "id":20320,   "ctx":"initandlisten","msg":"createCollection","attr":{
"namespace":"local.startup_log","uuidDisposition":"generated","uuid":{"uuid":{"$uuid":"f3b4d246-7519-4f8d-92af-35ce36423e53"}},"options":{"capped":true,"s
ize":10485760}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.366+00:00"},"s":"I",  "c":"INDEX",    "id":20345,   "ctx":"initandlisten","msg":"Index build: done building
","attr":{"buildUUID":null,"namespace":"local.startup_log","index":"_id_","commitTimestamp":{"$timestamp":{"t":0,"i":0}}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.367+00:00"},"s":"I",  "c":"FTDC",     "id":20625,   "ctx":"initandlisten","msg":"Initializing full-time dia
gnostic data capture","attr":{"dataDirectory":"/data/db/diagnostic.data"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.367+00:00"},"s":"I",  "c":"REPL",     "id":6015317, "ctx":"initandlisten","msg":"Setting new configuration
state","attr":{"newState":"ConfigReplicationDisabled","oldState":"ConfigPreStart"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.373+00:00"},"s":"I",  "c":"NETWORK",  "id":23015,   "ctx":"listener","msg":"Listening on","attr":{"address"
:"/tmp/mongodb-27017.sock"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.373+00:00"},"s":"I",  "c":"NETWORK",  "id":23015,   "ctx":"listener","msg":"Listening on","attr":{"address"
:"0.0.0.0"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.373+00:00"},"s":"I",  "c":"NETWORK",  "id":23016,   "ctx":"listener","msg":"Waiting for connections","attr"
:{"port":27017,"ssl":"off"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.374+00:00"},"s":"I",  "c":"CONTROL",  "id":20712,   "ctx":"LogicalSessionCacheReap","msg":"Sessions collect
ion is not set up; waiting until next sessions reap interval","attr":{"error":"NamespaceNotFound: config.system.sessions does not exist"}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.375+00:00"},"s":"I",  "c":"STORAGE",  "id":20320,   "ctx":"LogicalSessionCacheRefresh","msg":"createCollect
ion","attr":{"namespace":"config.system.sessions","uuidDisposition":"generated","uuid":{"uuid":{"$uuid":"f50fed82-e708-4c8d-802e-7059f298da6c"}},"options"
:{}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.416+00:00"},"s":"I",  "c":"INDEX",    "id":20345,   "ctx":"LogicalSessionCacheRefresh","msg":"Index build:
done building","attr":{"buildUUID":null,"namespace":"config.system.sessions","index":"_id_","commitTimestamp":{"$timestamp":{"t":0,"i":0}}}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:51.416+00:00"},"s":"I",  "c":"INDEX",    "id":20345,   "ctx":"LogicalSessionCacheRefresh","msg":"Index build:
done building","attr":{"buildUUID":null,"namespace":"config.system.sessions","index":"lsidTTLIndex","commitTimestamp":{"$timestamp":{"t":0,"i":0}}}}
lafs-api  | Web server listening at: http://localhost:3000
lafs-api  | Browse your REST API at http://localhost:3000/explorer
lafs-db   | {"t":{"$date":"2024-05-15T08:50:53.670+00:00"},"s":"I",  "c":"NETWORK",  "id":22943,   "ctx":"listener","msg":"Connection accepted","attr":{"r
emote":"172.18.0.3:60148","connectionId":1,"connectionCount":1}}
lafs-db   | {"t":{"$date":"2024-05-15T08:50:53.676+00:00"},"s":"I",  "c":"NETWORK",  "id":51800,   "ctx":"conn1","msg":"client metadata","attr":{"remote":
"172.18.0.3:60148","client":"conn1","doc":{"driver":{"name":"nodejs","version":"3.2.3"},"os":{"type":"Linux","name":"linux","architecture":"x64","version
":"5.15.146.1-microsoft-standard-WSL2"},"platform":"Node.js v10.24.1, LE, mongodb-core: 3.2.3"}}}
```

Docker-Compose Up (lafs-web)

```
PS C:\Users\wongc\lafs-web> docker-compose up
time="2024-05-15T01:52:11-07:00" level=warning msg="C:\\Users\\wongc\\lafs-web\\docker-compose.yml: `version` is obsolete"
time="2024-05-15T01:52:11-07:00" level=warning msg="networks.default: external.name is deprecated. Please set name and external: true"
[+] Building 0.0s (0/0)  docker:default
[+] Building 1.4s (12/12) FINISHED                                                                                          docker:default
 => [app internal] load build definition from Dockerfile                                                                             0.0s
 => => transferring dockerfile: 576B                                                                                                 0.0s
 => [app internal] load metadata for docker.io/library/node:10                                                                       0.9s
 => [app auth] library/node:pull token for registry-1.docker.io                                                                      0.0s
 => [app internal] load .dockerignore                                                                                                0.0s
 => => transferring context: 78B                                                                                                     0.0s
 => [app 1/6] FROM docker.io/library/node:10@sha256:59531d2835edd5161c8f9512f9e095b1836f7a1fcb0ab73e005ec46047384911                 0.0s
 => [app internal] load build context                                                                                                0.0s
 => => transferring context: 547.38kB                                                                                                0.0s
 => CACHED [app 2/6] WORKDIR /usr/src/lafs                                                                                            0.0s
 => CACHED [app 3/6] COPY package*.json ./                                                                                            0.0s
 => CACHED [app 4/6] RUN npm install -g @angular/cli@v6-lts                                                                           0.0s
 => CACHED [app 5/6] RUN npm install                                                                                                  0.0s
 => [app 6/6] COPY . .                                                                                                                0.1s
 => [app] exporting to image                                                                                                          0.1s
 => => exporting layers                                                                                                               0.1s
 => => writing image sha256:b0173b6a8630fbc35c9bd3461578d0db473c6c03dcc790e9381cda9207be252b                                          0.0s
 => => naming to docker.io/library/lafs-web-app                                                                                       0.0s
[+] Running 1/1
 ✓ Container lafs-web  Created                                                                                                        0.1s
Attaching to lafs-web
lafs-web  | npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.8 (node_modules/fsevents):
lafs-web  | npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.8: wanted {"os":"darwin","arch":"any"} (current: {"os":"li
nux","arch":"x64"})
lafs-web  |
lafs-web  | audited 1164 packages in 5.292s
lafs-web  | found 413 vulnerabilities (21 low, 132 moderate, 179 high, 81 critical)
lafs-web  |   run `npm audit fix` to fix them, or `npm audit` for details
lafs-web  | WARNING: This is a simple server for use in testing or debugging Angular applications
lafs-web  | locally. It hasn't been reviewed for security issues.
lafs-web  |
lafs-web  | Binding this server to an open connection can result in compromising your application or
lafs-web  | computer. Using a different host than the one passed to the "--host" flag might result in
lafs-web  | websocket connection issues. You might need to use "--disableHostCheck" if that's the
lafs-web  | case.
lafs-web  | ** Angular Live Development Server is listening on 0.0.0.0:4200, open your browser on http://localhost:4200/ **
lafs-web  | Browserslist: caniuse-lite is outdated. Please run next command `npm update`
lafs-web  |
lafs-web  | Date: 2024-05-15T08:52:35.541Z
lafs-web  | Hash: 8b60ea2474b1db475f64
lafs-web  | Time: 13178ms
lafs-web  | chunk {es2015-polyfills} es2015-polyfills.js, es2015-polyfills.js.map (es2015-polyfills) 284 kB [initial] [rendered]
lafs-web  | chunk {main} main.js, main.js.map (main) 225 kB [initial] [rendered]
lafs-web  | chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 236 kB [initial] [rendered]
lafs-web  | chunk {runtime} runtime.js, runtime.js.map (runtime) 6.08 kB [entry] [rendered]
lafs-web  | chunk {styles} styles.js, styles.js.map (styles) 1020 kB [initial] [rendered]
lafs-web  | chunk {vendor} vendor.js, vendor.js.map (vendor) 7.2 MB [initial] [rendered]
lafs-web  | ℹ ｢wdm｣: Compiled successfully.
```
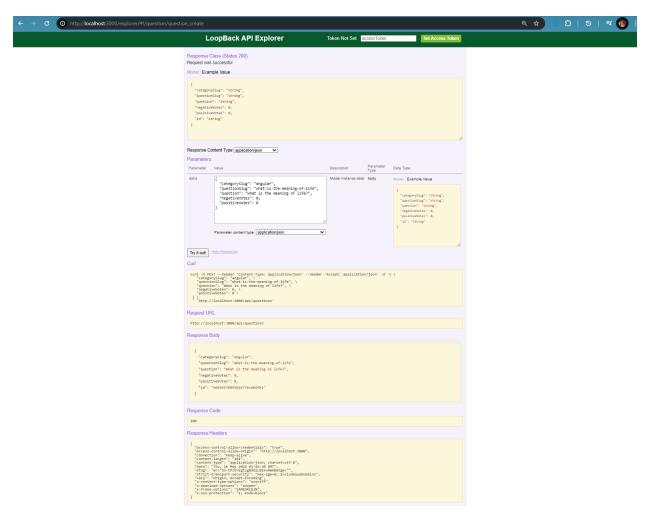
LoopBack Explorer

LoopBack API Explorer

Token Not Set   accessToken   **Set Access Token**

Response Class (Status 200)
Request was successful

Model | Example Value

```
{
  "categorySlug": "string",
  "questionSlug": "string",
  "question": "string",
  "negativeVotes": 0,
  "positiveVotes": 0,
  "id": "string"
}
```

Response Content Type application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
data	```{ "categorySlug": "angular", "questionSlug": "what-is-the-meaning-of-life", "question": "what is the meaning of life?", "negativeVotes": 0, "positiveVotes": 0 }```	Model instance data	body	Model | Example Value ```{ "categorySlug": "string", "questionSlug": "string", "question": "string", "negativeVotes": 0, "positiveVotes": 0, "id": "string" }```

Parameter content type: application/json

Try it out!   Hide Response

Curl

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{ \
  "categorySlug": "angular", \
  "questionSlug": "what-is-the-meaning-of-life", \
  "question": "what is the meaning of life?", \
  "negativeVotes": 0, \
  "positiveVotes": 0 \
} \
' 'http://localhost:3000/api/questions'
```

Request URL

```
http://localhost:3000/api/questions
```

Response Body

```
{
  "categorySlug": "angular",
  "questionSlug": "what-is-the-meaning-of-life",
  "question": "what is the meaning of life?",
  "negativeVotes": 0,
  "positiveVotes": 0,
  "id": "664565760556147eceb6fb1"
}
```

Response Code

```
200
```

Response Headers

```
{
  "access-control-allow-credentials": "true",
  "access-control-allow-origin": "http://localhost:3000",
  "connection": "keep-alive",
  "content-length": "181",
  "content-type": "application/json; charset=utf-8",
  "date": "Thu, 16 May 2024 01:46:30 GMT",
  "etag": "W/\"b5-tPcbYzgtuQ89DzLBEkvAWmBwtgw\"",
  "strict-transport-security": "max-age=0; includeSubDomains",
  "vary": "Origin, Accept-Encoding",
  "x-content-type-options": "nosniff",
  "x-download-options": "noopen",
  "x-frame-options": "SAMEORIGIN",
  "x-xss-protection": "1; mode=block"
}
```

Angular Question View

http://localhost:4200/questions/about/angular

Categories / Angular

Learn about: Angular

New Question

What is the meaning of life?

👍0 👎0 🗑 0 Answers

MongoDB Query

```
# mongo
MongoDB shell version v4.4.29
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("27596ebb-0103-4a02-a160-0f61d6eea1b0") }
MongoDB server version: 4.4.29
---
The server generated these startup warnings when booting:
        2024-05-16T01:14:47.392+00:00: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesyst
em
        2024-05-16T01:14:48.162+00:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
        2024-05-16T01:14:48.163+00:00: /sys/kernel/mm/transparent_hugepage/enabled is 'always'. We suggest setting it to 'never'
---
> show dbs
admin   0.000GB
config  0.000GB
lafs-db  0.000GB
local   0.000GB
> use lafs-db
switched to db lafs-db
> show collections
question
> db.getCollection('question').find({})
{ "_id" : ObjectId("6645657605561477eceb6fb1"), "categorySlug" : "angular", "questionSlug" : "what-is-the-meaning-of-life", "question" : "What is the meaning of life?", "negativ
eVotes" : 0, "positiveVotes" : 0 }
```

Docker ps –a

```
PS C:\Users\wongc> docker ps -a
CONTAINER ID    IMAGE         COMMAND              CREATED       STATUS               PORTS
       NAMES
2d55df6e3380   lafs-web-app   "docker-entrypoint.s…"   2 hours ago   Up 2 hours           0.0.0.0:4200->4200/tcp
       lafs-web
04736eeb32c1   lafs-api-app   "docker-entrypoint.s…"   2 hours ago   Up 2 hours           0.0.0.0:3000->3000/tcp, 4200
/tcp   lafs-api
8a47866fe909   mongo:4        "docker-entrypoint.s…"   2 hours ago   Up 2 hours           0.0.0.0:27017->27017/tcp
       lafs-db
5fe1cf513d2a   node-lafs-api  "docker-entrypoint.s…"   40 hours ago  Exited (1) 37 hours ago
       suspicious_aryabhata
8a2a10562aef   node-lafs-web  "docker-entrypoint.s…"   40 hours ago  Exited (137) 3 hours ago
       stoic_vaughan
d8f24684964f   mongo          "docker-entrypoint.s…"   10 days ago   Exited (128) 33 hours ago
       mongodb
```

Docker App Container List

Containers

Containers Give feedback

Container CPU usage ⓘ	Container memory usage ⓘ	Show charts
0.33% / 2400% (24 CPUs available)	766.93MB / 15.21GB	

Search ||| ⬤ Only show running containers

		Name	Image	Status	Port(s)	CPU (%)	Last started	Actions
☐	📦	suspicious_aryabhata 5fe1cf513d2a 📋	node-lafs-api	Exited (1)	3000:3000	0%	2 days ago	▶ ⋮ 🗑
☐	📦	stoic_vaughan 8a2a10562aef	node-lafs-web	Exited (137)	4200:4200	0%	3 hours ago	▶ ⋮ 🗑
☐	📦	mongodb d8f24684964f 📋	mongo	Exited (128)	27017:27017 Show all ports (3)	0%	2 days ago	▶ ⋮ 🗑
☐ ⌄	🥞	lafs-api		Running (2/2)		0.53%	2 hours ago	◼ ⋮ 🗑
☐	📦	lafs-db 8a47866fe909 📋	mongo:4	Running	27017:27017 ⬈	0.53%	2 hours ago	◼ ⋮ 🗑
☐	📦	lafs-api 04736eeb32c1 📋	lafs-api-app	Running	3000:3000 ⬈	0%	2 hours ago	◼ ⋮ 🗑
☐ ⌄	🥞	lafs-web		Running (1/1)		0%	2 hours ago	◼ ⋮ 🗑
☐	📦	lafs-web 2d55df6e3380 📋	lafs-web-app	Running	4200:4200 ⬈	0%	2 hours ago	◼ ⋮ 🗑

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