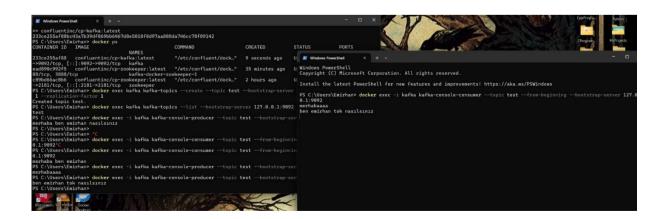


PS C:\Users\Emirhan> docker ps				
CONTAINER ID IMAGE	COMMAND	CREATED	STATUS	PORTS
NAMES				
233ce255af88 confluentinc/cp-kafka:latest	"/etc/confluent/dock"	9 seconds ago	Up 9 seconds	0.0.0.0:9092
->9092/tcp, [::]:9092->9092/tcp kafka				
ead890c992f5 confluentinc/cp-zookeeper:latest		35 minutes ago	Up 35 minutes	2181/tcp, 28
88/tcp, 3888/tcp kafka-docker-zo				
c89bd66ac0b6 confluentinc/cp-zookeeper:latest	"/etc/confluent/dock…"	2 hours ago	Up 2 hours	0.0.0.0:2181
->2181/tcp, [::]:2181->2181/tcp zookeeper				
PS C:\Users\Emirhan> docker exec kafka kafka-topicscreatetopic testbootstrap-server 127.0.0.1:9092partitions				
1replication-factor 1 Created topic test.				
createn topic test. PS C:\Users\Emirhan> docker exec kafka kafka-topicslistbootstrap-server 127.0.0.1:9092				
rs C. (Users \Emilinan/ ubuker exec катка катка-tupitstistbootstrap-server 127.0.6.1.9092 test				
CESI PS C:\Users\Emirhan> docker exec -i kafka kafka-console-producertopic testbootstrap-server 127.0.0.1:9092				
merhaba ben emirhan nasılsınız				
PS C:\Users\Emirhan>				
PS C:\Users\Emirhan> ^C				
PS C:\Users\Emirhan> docker exec -i kafka kafka-c	console-consumertopic t	estfrom-beging	ningbootstrap-	-server 127.0 .
0.1:9092°C				
PS C:\Users\Emirhan> docker exec -i kafka kafka-o	console-consumertopic t	estfrom-beginn	ningbootstrap-	-server 127.0 .
0.1:9092				
merhaba ben emirhan				CONTRACTOR OF THE STATE OF THE
PS C:\Users\Emirhan> docker exec -i kafka kafka-o	console-producertopic t	estbootstrap-9	server 127.0.0.1:	9092
merhabaaaa			127 0 0 1	0000
PS C:\Users\Emirhan> docker exec -i kafka kafka-d ben emirhan tok nasılsınız	console-producertopic t	estbootstrap-s	server 127.0.0.1:	9092
PS C:\Users\Emirhan>				
PS C: \USEIS\EMITHAN>				



```
PS C:\Users\Emirhan> docker run -d --name zookeeper -p 2181:2181 confluentinc/cp-
zookeeper:latest
a591e0169bd0efd9cccb30f123e4819dfe8453907d45e58a037fd703ab94e54b
PS C:\Users\Emirhan> [guid]::NewGuid().ToString()
5fde378f-a35d-431f-9e17-900a1cdbaf53
PS C:\Users\Emirhan> docker run -d --name kafka -p 9092:9092 `
>> -e CLUSTER ID=5fde378f-a35d-431f-9e17-900a1cdbaf53 `
>> -e KAFKA PROCESS ROLES=broker,controller `
>> -e KAFKA_NODE_ID=1 `
>> -e KAFKA LISTENERS=PLAINTEXT://0.0.0.0:9092,CONTROLLER://0.0.0.0:9093 `
>> -e KAFKA ADVERTISED LISTENERS=PLAINTEXT://127.0.0.1:9092 `
>> -e KAFKA CONTROLLER QUORUM VOTERS=1@127.0.0.1:9093 `
>> -e KAFKA_CONTROLLER_LISTENER_NAMES=CONTROLLER `
>> -e KAFKA_OFFSETS_TOPIC_REPLICATION_FACTOR=1 `
>> -e KAFKA_LISTENER_SECURITY_PROTOCOL_MAP=CONTROLLER:PLAINTEXT,PLAINTEXT:PLAINTEXT `
>> confluentinc/cp-kafka:latest
83f92dd257714c39e76add4bd68caee230a7be6db0c219c5878bc578cb55bd48
PS C:\Users\Emirhan> docker run -d --name zookeeper -p 2181:2181 -e
ZOOKEEPER_CLIENT_PORT=2181 confluentinc/cp-zookeeper:latest
d330e49c440facdb029ea42e925e2a43077ebee095fc2e3c9cb03d91f45d5298
PS C:\Users\Emirhan> docker ps
CONTAINER ID IMAGE
                                    COMMAND
                                                       CREATED
                                                                     STATUS
                                                                                PORTS
NAMES
d330e49c440f confluentinc/cp-zookeeper:latest "/etc/confluent/dock..." 15 seconds ago Up 14
seconds 0.0.0.0:2181->2181/tcp, [::]:2181->2181/tcp zookeeper
83f92dd25771 confluentinc/cp-kafka:latest
                                           "/etc/confluent/dock..." 3 minutes ago Up 3
minutes 0.0.0.0:9092->9092/tcp, [::]:9092->9092/tcp kafka
PS C:\Users\Emirhan> docker exec kafka kafka-topics --create --topic test --bootstrap-server
127.0.0.1:9092 --partitions 1 --replication-factor 1
Created topic test.
```

PS C:\Users\Emirhan> docker exec kafka kafka-topics --list --bootstrap-server 127.0.0.1:9092

test

PS C:\Users\Emirhan> docker exec kafka kafka-topics --create --topic deneme --bootstrap-server 127.0.0.1:9092 --partitions 1 --replication-factor 1

Created topic deneme.

PS C:\Users\Emirhan> docker exec kafka kafka-topics --list --bootstrap-server 127.0.0.1:9092

deneme

test

PS C:\Users\Emirhan> docker exec -i kafka kafka-console-producer --topic deneme --bootstrap-server 127.0.0.1:9092

Merhaba ben Toko Bugun staja baslayacagız

PS C:\Users\Emirhan> docker exec -i kafka kafka-console-producer --topic deneme --bootstrap-server 127.0.0.1:9092

hello world

PS C:\Users\Emirhan> docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

d330e49c440f confluentinc/cp-zookeeper:latest "/etc/confluent/dock..." 22 minutes ago Up 22 minutes 0.0.0.0:2181->2181/tcp, [::]:2181->2181/tcp zookeeper

83f92dd25771 confluentinc/cp-kafka:latest "/etc/confluent/dock..." 25 minutes ago Up 25 minutes 0.0.0.0:9092->9092/tcp, [::]:9092->9092/tcp kafka

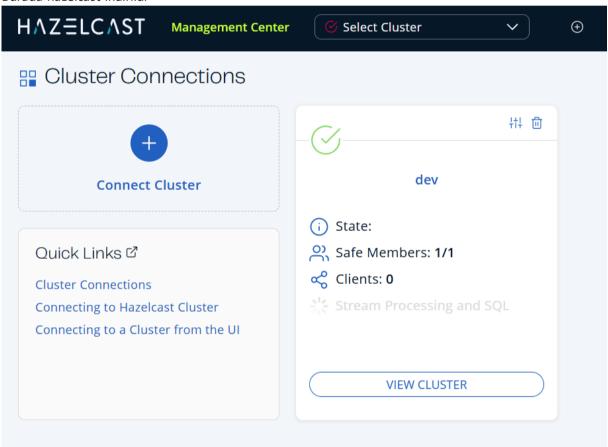
PS C:\Users\Emirhan>

hazelcast

- docker pull hazelcast/hazelcast:latest komutu ile Hazelcast imajı indirildi.
- docker run -d --name hazelcast --net hazelnet -p 5701:5701 hazelcast/hazelcast:latest komutu ile Hazelcast container'ı başlatıldı.
- docker pull hazelcast/management-center:latest ile Management Center imaji indirildi.
- docker run -d --name hazelcast-mancenter --net hazelnet -p 8080:8080 hazelcast/management-center:latest komutu ile Management Center container'ı başlatıldı.
- http://localhost:8080 adresine gidilerek Management Center arayüzü açıldı.
- Cluster'da 1 aktif üye (hazelcast container'ı) göründü.

```
The Continue of the Part of th
```

Burada hazelcast indirildi



Management Center'ın web arayüzü (http://localhost:8080) açık ve cluster'ın görünür olduğu sayfa (örneğin "Safe Members: 1/1" yazan ekran)

```
Members [1] {
          Member [172.17.0.4]:5701 - 62e4796c-fb29-4c55-a2ff-bbf155f76b51
}

Tem 01, 2025 2:26:19 ÖS com.hazelcast.client.impl.statistics.ClientStatisticsService
INFO: Client statistics is enabled with period 5 seconds.
Person{name='Person 0'}
Person{name='Person 1'}
Person{name='Person 2'}
Person{name='Person 3'}
Person{name='Person 4'}
Person{name='Person 5'}
Person{name='Person 6'}
Person{name='Person 7'}
Person{name='Person 8'}
Person{name='Person 9'}
Tem 01. 2025 2:26:24 ÖS com.hazelcast.core.LifecvcleService
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Emirhan> ping 34.42.4.205

Pinging 34.42.4.205 with 32 bytes of data:
Reply from 34.42.4.205: bytes=32 time=165ms TTL=52
Reply from 34.42.4.205: bytes=32 time=164ms TTL=52

Ping statistics for 34.42.4.205:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 164ms, Maximum = 165ms, Average = 164ms

PS C:\Users\Emirhan> |
```

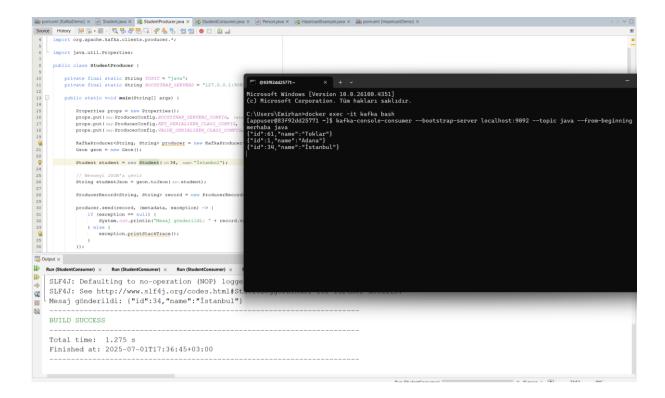
```
C:\Users\Emirhan>docker exec -it kafka bash
[appusen@83f92dd25771 ~]$ kafka-topics --create \
--bootstrap-server localhost:9092 \
--replication-factor 1 \
--partitions 1 \
--topic example
Created topic example.
[appusen@83f92dd25771 ~]$ kafka-topics --list --bootstrap-server localhost:9092
__consumer_offsets
deneme
example
test
test-topic
[appusen@83f92dd25771 ~]$ kafka-console-producer --bootstrap-server localhost:9092 --topic example
test
kafka ornek mesaj 1
>kafka nerelisin nereden geliyorsun
>merhaba powershell
>
```

```
Microsoft Windows [Version 10.0.26100.4351]
(c) Microsoft Corporation. Tüm hakları saklıdır.

C:\Users\Emirhan>docker exec -it kafka bash
[appuser@83f92dd25771 ~]$ kafka-console-consumer --bootstrap-server localhost:9092 --topic test-topic --from-begin merhaba kafka
kafka-console-producer --bootstrap-server localhost:9092 --topic test-topic
kafka nasılsın
test mesajıidir
kafka-console-consumer --bootstrap-server localhost:9092 --topic example --from-beginning
C:\Users\Emirhan>kafka-console-consumer --bootstrap-server localhost:9092 --topic example --from-beginning
'kafka-console-consumer' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Emirhan>kafka-console-consumer --bootstrap-server localhost:9092 --topic example --from-beginning
'kafka-console-consumer' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Emirhan>docker exec -it kafka bash
[appuser@83f92dd25771 ~]$ kafka-console-consumer --bootstrap-server localhost:9092 --topic example --from-beginning
kafka ornek mesaj 1
kafka nerelisin nnereden geliyorsun
merhaba powershell
```



Burada netbeans üzerinden gördüğünüz gibi kayıt yapılıyor consumer tarafından dinleniyor producer ın ürettiği obje istemcide görünüyor