

CPSC 449 - Back-End Engineering

Swati Bade
Sharvari Khedkar

Music System Project-3 Documentation

Step 1: Start Sylladb

Command: docker start scylla

Step 2: Start kong

Command: ulimit -n 4096 && sudo kong start

Step 3: Start memcached

Command: memcached

Step 4: Start Foreman

Command: foreman start

Step 5: Run app.py file

Command: python3 app.py test

Title	XSPF microservice: To get playlists xspf xml by title
URL	http://127.0.0.1:5400//playlist/<playlist_title>
Method	GET
Request	http://localhost:5400/playlist/Ketty Pery
Response	<pre><playlist xmlns="http://xspf.org/ns/0/" version="1"> <title>Ketty Pery</title> <creator>Twilight</creator> <trackList> <track> <title>InTheEnd</title> <creator>unknown artist</creator> <album>LinkinPark</album> <trackNum>5</trackNum> <duration>1780</duration> </track> </trackList> <location>http://localhost:9000/media/intheend.mp3</location> </playlist></pre>

	<pre></track> <track> <title>Incomplete</title> <creator>Backstreet Boys</creator> <album>Incomplete</album> <trackNum>None</trackNum> <duration>1720</duration> <location>http://localhost:9000/media/Incomplete.mp3</location> </track> <track> <title>ThousandYears</title> <creator>Ketty Pery</creator> <album>Twilight</album> <trackNum>4</trackNum> <duration>1700</duration> <location>http://localhost:9000/media/thousandyears.mp3</location> </track> <track> <title>Familiar</title> <creator>Liam Payne</creator> <album>Familiar</album> <trackNum>6</trackNum> <duration>1780</duration> <location>http://localhost:9000/media/familiar.mp3</location> </track> </trackList> </playlist></pre>
--	---

Expiration time for JSON Object in memcache is 120s (2 minutes)

Time Spent for Response from Microservices : 236 ms

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
-<playlist version="1">
  <title>Ketty Pery</title>
  <creator>Twilight</creator>
  -<trackList>
    -<track>
      <title>InTheEnd</title>
      <creator>unknown artist</creator>
      <album>LinkinPark</album>
      <trackNum>5</trackNum>
```

Network tab details:

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	160 ms	Blocked	Headers	Cookies	Params	Response	Timings	Stack Trace
200	GET	localhost:5400	Ketty Pery	document	xml	1.31 KB	1.15 ...	0 ms	160 ms	236 ms						
404	GET	localhost:5400	favicon.ico	img	html	cached	233 B									

Summary: 2 requests, 1.38 KB / 1.31 KB transferred, Finish: 383 ms, DOMContentLoaded: 294 ms, load: 314 ms

Time Spent for Response from Memcached Object : 171 ms

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
-<playlist version="1">
  <title>Ketty Pery</title>
  <creator>Twilight</creator>
  -<trackList>
    -<track>
      <title>InTheEnd</title>
      <creator>unknown artist</creator>
      <album>LinkinPark</album>
      <trackNum>5</trackNum>
```

Network tab details:

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	80 ms	160 ms	Blocked	Headers	Cookies	Params	Response	Timings	Stack Trace
200	GET	localhost:5400	Ketty Pery	document	xml	1.31 KB	1.15 ...	0 ms	80 ms	171 ms							
404	GET	localhost:5400	favicon.ico	img	html	cached	233 B										

Summary: 2 requests, 1.38 KB / 1.31 KB transferred, Finish: 266 ms, DOMContentLoaded: 184 ms, load: 205 ms