

Flussonic — curl commands (All main APIs)

Purpose: Aapke liye sabhi useful Flussonic `curl` commands ek hi jagah, taaki aap quickly run karke: -
kaunsa user kaunsa channel dekh raha hai - kaunse IP se dekh raha hai - historical reports / events / DVR info

Note: Replace placeholders `FLUSSONIC_HOST:PORT`, `WATCHER_USER`, `WATCHER_PASS`, `ADMIN_USER`, `ADMIN_PASS`, `CHANNEL_NAME`, `YOUR_TOKEN` before running.

Prereqs

```
# Install jq for parsing JSON (optional but recommended)
# Debian/Ubuntu
sudo apt-get update && sudo apt-get install -y jq
# macOS (brew)
brew install jq
```

1) Watcher API — Login (get JWT token)

```
curl -s -X POST -u "WATCHER_USER:WATCHER_PASS"
"http://FLUSSONIC_HOST:PORT/watcher/client-api/v3/login"
# Example response: { "access_token": "YOUR_TOKEN", ... }
```

Use token to get streams (channel list)

```
curl -s -X GET "http://FLUSSONIC_HOST:PORT/watcher/client-api/v3/streams"
-H "Authorization: Bearer YOUR_TOKEN"
-H "Accept: application/json"

# Parse channel names with jq:
# jq -r '.streams[] | "\(.name) \(.title // "\"")"'
```

Watcher — active sessions (per-channel viewers)

```
curl -s -X GET "http://FLUSSONIC_HOST:PORT/watcher/client-api/v3/sessions"
-H "Authorization: Bearer YOUR_TOKEN"
-H "Accept: application/json"
```

```
# Parse: stream_name, client_id, ip
# jq -r '.sessions[] | "\(.stream_name) \(.user_id // .client_id // "unknown\")(
\(.ip // "no-ip\")"'
```

2) Media Server (Streamer) API — Admin access (recommended for full sessions)

Get all active sessions (admin)

```
curl -s -u "ADMIN_USER:ADMIN_PASS"
  "http://FLUSSONIC_HOST:PORT/streamer/api/v3/sessions"
  -H "Accept: application/json"

# Example parse (stream_name, client_id/user_id, ip, user_agent):
# jq -r '.sessions[] | "\(.stream_name) \(.user_id // .client_id // "unknown\")(
\(.ip // "no-ip\")( \(.user_agent // "unknown\")"'
```

Get sessions for a specific channel

```
curl -s -u "ADMIN_USER:ADMIN_PASS"
  "http://FLUSSONIC_HOST:PORT/streamer/api/v3/streams/CHANNEL_NAME/sessions"
  -H "Accept: application/json"
```

Save sessions JSON to file

```
curl -s -u "ADMIN_USER:ADMIN_PASS"
  "http://FLUSSONIC_HOST:PORT/streamer/api/v3/sessions"
  -H "Accept: application/json" > flussonic_sessions.json
```

Export selected fields to CSV (example)

```
curl -s -u "ADMIN_USER:ADMIN_PASS"
  "http://FLUSSONIC_HOST:PORT/streamer/api/v3/sessions"
  -H "Accept: application/json"
  | jq -r '.sessions[] | [(.stream_name // ""), (.user_id // .client_id // ""),
(.ip // ""), (.user_agent // "") ] | @csv' > sessions.csv
```

3) Retroview / Statistics API — Historical reports (user/ip per time range)

Use this for historical data (who watched when, IPs, durations).

```
# Example: query report for one stream for a given time range
curl -s -u "ADMIN_USER:ADMIN_PASS"
    "http://FLUSSONIC_HOST:PORT/retroview/api/v3/reports?
stream=CHANNEL_NAME&from=2025-10-06T00:00&to=2025-10-06T23:59"
-H "Accept: application/json"

# Parse common fields (adjust per actual JSON format):
# jq -r '.data[] | "\(.stream) \(.user_id // .client_id // "\"") \(.ip // "\"")
\(.timestamp // "\"") \(.duration // "\"")"'
```

4) Events API — Stream events (start/stop/errors)

```
curl -s -X GET "http://FLUSSONIC_HOST:PORT/events-api/v3/streams"
-u "ADMIN_USER:ADMIN_PASS"
-H "Accept: application/json"

# Parse events (example):
# jq -r '.events[] | "\(.stream_name) \(.type) \(.time) \(.description //
\\""")"'
```

5) DVR API — Recordings list (if you store recordings)

```
curl -s -X GET "http://FLUSSONIC_HOST:PORT/dvr/api/v3/streams/CHANNEL_NAME/
records"
-u "ADMIN_USER:ADMIN_PASS"
-H "Accept: application/json"

# Response includes recording start/end, filename, duration.
```

6) Combined quick workflow (example script snippets)

A) Get token, then list channels

```
TOKEN=$(curl -s -X POST -u "WATCHER_USER:WATCHER_PASS" "http://FLUSSONIC_HOST:PORT/watcher/client-api/v3/login" | jq -r '.access_token')

curl -s -H "Authorization: Bearer $TOKEN" "http://FLUSSONIC_HOST:PORT/watcher/client-api/v3/streams" | jq .
```

B) Admin: fetch sessions and print CSV header + rows

```
curl -s -u "ADMIN_USER:ADMIN_PASS" "http://FLUSSONIC_HOST:PORT/streamer/api/v3/sessions"
-H "Accept: application/json"
| jq -r '(["stream_name","client_id","ip","user_agent"] , (.sessions[] |
[.stream_name // "", (.user_id // .client_id // ""), (.ip // ""),
(.user_agent // "")])) | @csv' > sessions_with_header.csv
```

Troubleshooting & Tips

- **401/403** → Check credentials or token scope. Watcher endpoints need JWT token; streamer/retroview often use basic auth with admin user.
- **Malformed JSON / unexpected keys** → Flussonic versions differ; run raw `curl` and inspect JSON to adapt `jq` field names.
- **Large output** → Save to file (`> file.json`) then parse locally.
- **Secure creds** → Avoid pasting admin credentials on shared machines. Use `.env` files or protected scripts.

Want this as a downloadable file?

I can also export these commands into a downloadable `.txt` or `.md` file if you want — batayein kaunsa format chahiye.

Prepared for you — run commands locally after replacing placeholders.