

RTMP

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RTMP

SRS Red5 wowoza FMS

Nginx rtmp

Nginx [github](#)


`nginx + rtmp` docker [alqutami/rtmp-hls](#) `rtmp`

Docker

RTMP HLS DASH

Debian [Alpine Linux](#)

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[Explore](#) [alqutami/rtmp-hls](#)



alqutami/rtmp-hls ☆

↓ Pulls **1M+**

By [alqutami](#) • Updated 24 days ago

RTMP, HLS, DASH video streaming server with adaptive streaming.

Container

[Overview](#)

[Tags](#)

RTMP-HLS Docker

Docker Pull Command

```
docker pull alqutami/rtmp-hls
```



- [nginx-rtmp-module](#) [Nginx](#)
- [FFmpeg](#)
- - RTMP
 - HLS 5
 - DASH
 - [Nginx](#) [RTMP](#) [FFmpeg](#)
- .RTMP `http://<server ip>:<server port>/stats`
- [video.jshls.js](#) `/usr/local/nginx/html/players`.
- [Nginx 1.17.5](#)
- [Nginx-rtmp-module 1.2.1](#)

- FFmpeg 4.2.1

docke|docker|

```
# pull rtmp-hls image
docker pull alqutami/rtmp-hls

# see rtmp-hls image
docker image ls

# save image
docker image save alqutami/rtmp-hls:latest > alqutami_rtmp-hls_latest.tar.gz

# load image
docker image load < alqutami_rtmp-hls_latest.tar.gz
```

```
-rw-r--r-- 1 1000 1000 11765 Aug 31 15:45 stat.xsl
root@iZwz90hmy5v2sy8re4qr75Z:/data/rtmp/html# docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
alqutami/rtmp-hls    latest          2b1a479d344a    3 weeks ago    188MB
nginx                1.20.1          61dd30d467c2    5 weeks ago    133MB
keking/kkfileview    v3.6.0          3c77a5aed179    3 months ago   1.58GB
inspection           4.5.1          71767bb0139f    4 months ago   642MB
openjdk              8               eca41db787bd    4 months ago   514MB
adoptopenjdk/openjdk8 latest          48f5ba11c251    24 months ago  305MB
openjdk              8u201-jdk-alpine3.9 3675b9f543c5    2 years ago    105MB
root@iZwz90hmy5v2sy8re4qr75Z:/data/rtmp/html#
```

|docker container|

```
# base buid
docker run -d --name rtmp -p 1935:1935 -p 8080:8080 alqutami/rtmp-hls:latest

# see container
docker container exec -it rtmp bash

# delete container
docker container rm -f rtmp
```

- [rtmp_html.tar.gz](#)
- [nginx.conf.tar.gz](#)
- RTMP
 - `rtmp://<server_ip>:1935/live/<stream_key>`
 - `<stream_key>`
- [OBS](#)

- >
- `rtmp://<server ip>:1935/live/`
- `test`
- **VLC**
 - >
 - `rtmp://<server ip>:1935/live/<stream-key> | <server ip> | <stream-key>`
 - **HLS DASH** `http://<server ip>:8080/hls/<stream-key>.m3u8 | http://<server ip>:8080/dash/<stream-key>_src.mpd |`
 - ◦ `test`
 - **RTMP** `http://localhost:8080/players/rtmp.html |`
 - **HLS** `http://localhost:8080/players/hls.html |`
 - **hls.js** `http://localhost:8080/players/hls_hlsjs.html |`
 - **DASH** `http://localhost:8080/players/dash.html |`
 - **RTM** `http://localhost:8080/players/rtmp_hls.html |`
- *
- `test`
- `html html src video`

```
# conf buid
docker run -d \
--name rtmp \
-p 1935:1935 \
-p 8080:8080 \
-v /data/rtmp/nginx.conf:/etc/nginx/nginx.conf \
-v /data/rtmp/html:/usr/local/nginx/html \
alqutami/rtmp-hls:latest
# order conf copy
mkdir -p html/players

docker container cp rtmp:/usr/local/nginx/html/50x.html html/
docker container cp rtmp:/usr/local/nginx/html/index.html html/
docker container cp rtmp:/usr/local/nginx/html/players/dash.html html/players/
docker container cp rtmp:/usr/local/nginx/html/players/hls.html html/players/
docker container cp rtmp:/usr/local/nginx/html/players/hls_hlsjs.html html/players/
docker container cp rtmp:/usr/local/nginx/html/players/rtmp.html html/players/
docker container cp rtmp:/usr/local/nginx/html/players/rtmp_hls.html html/players/
docker container cp rtmp:/usr/local/nginx/html/stat.xsl html/
```

rtmp

html

stat page
http://rtmp.wzhz.xyz/stat

RTMP	#clients	Video				Audio				In bytes	Out bytes	In bits/s	Out bits/s	State	Time
Accepted: 72		codec	bits/s	size	fps	codec	bits/s	freq	chan	8.045 GB	1.364 GB	2.66 Mb/s	1 Kb/s		2h 48m 8s
live															
live streams	0														
show															
live streams	4														
G011_src	1	H264 Main 4.1	0 Kb/s	1280x720	30	AAC LC	0 Kb/s	44100	1	5.48 MB	0 KB	0 Kb/s	0 Kb/s	active	5s
G011_mid	1	H264 High 3.0	0 Kb/s	720x404	30	AAC LC	0 Kb/s	44100	1	787 KB	0 KB	0 Kb/s	0 Kb/s	active	6s
G011_low	1	H264 High 2.1	0 Kb/s	480x270	30	AAC LC	0 Kb/s	44100	1	306 KB	0 KB	0 Kb/s	0 Kb/s	active	6s
G011_high	1	H264 High 3.1	0 Kb/s	960x540	30	AAC LC	0 Kb/s	44100	1	1.46 MB	0 KB	0 Kb/s	0 Kb/s	active	6s

Generated by [nginx-rtmp-module](#) 1.1.4, [nginx](#) 1.17.5, pid 7, built Aug 31 2021 07:43:59 gcc 6.3.0 20170516 (Debian 6.3.0-18+deb9u1)

RTMP	#clients	Video				Audio				In bytes	Out bytes	In bits/s	Out bits/s	State	Time
Accepted: 70		codec	bits/s	size	fps	codec	bits/s	freq	chan	9.778 GB	4.432 GB	6.24 Mb/s	6.1 Mb/s		2h 37m 59s
live															
live streams	2														
G011	2	H264 Main 4.1	5.81 Mb/s	1280x720	0	AAC LC	2 Kb/s	44100	1	1.129 GB	1.019 GB	5.82 Mb/s	5.82 Mb/s	active	24m 46s
show															
live streams	1														
G011_low	1	H264 High 2.1	357 Kb/s	480x270	30	AAC LC	2 Kb/s	44100	1	7.43 MB	0 KB	359 Kb/s	0 Kb/s	active	2m 47s

Generated by [nginx-rtmp-module](#) 1.1.4, [nginx](#) 1.17.5, pid 6, built Aug 31 2021 07:43:59 gcc 6.3.0 20170516 (Debian 6.3.0-18+deb9u1)

players page
http://rtmp.wzhz.xyz/players/dash.html
http://rtmp.wzhz.xyz/players/hls.html
http://rtmp.wzhz.xyz/players/rtmp.html
http://rtmp.wzhz.xyz/players/rtmp_hls.html
http://rtmp.wzhz.xyz/players/hls_hlsjs.html

HLS Player



Tareq-Alqutami - 2019

Revision #2

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