

# MEDIAGOBLIN



- ¿Qué es MediaGoblin
- Método de instalación
- Uso de MediaGoblin
- Alternativa Plex

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# ¿Qué es MediaGoblin?

**MediaGoblin es una plataforma de software libre que busca la descentralización de contenidos multimedia y que se presenta como alternativa a servicios de publicación privados como flickr,youtube.**

# Método de Instalación

- Hay que instalar dependencias:

**Python 2.7 or Python 3.4+**

**python-lxml**

**git**

**SQLite/PostgreSQL**

**Python Imaging Library (PIL)**

**virtualenv**

**nodejs**

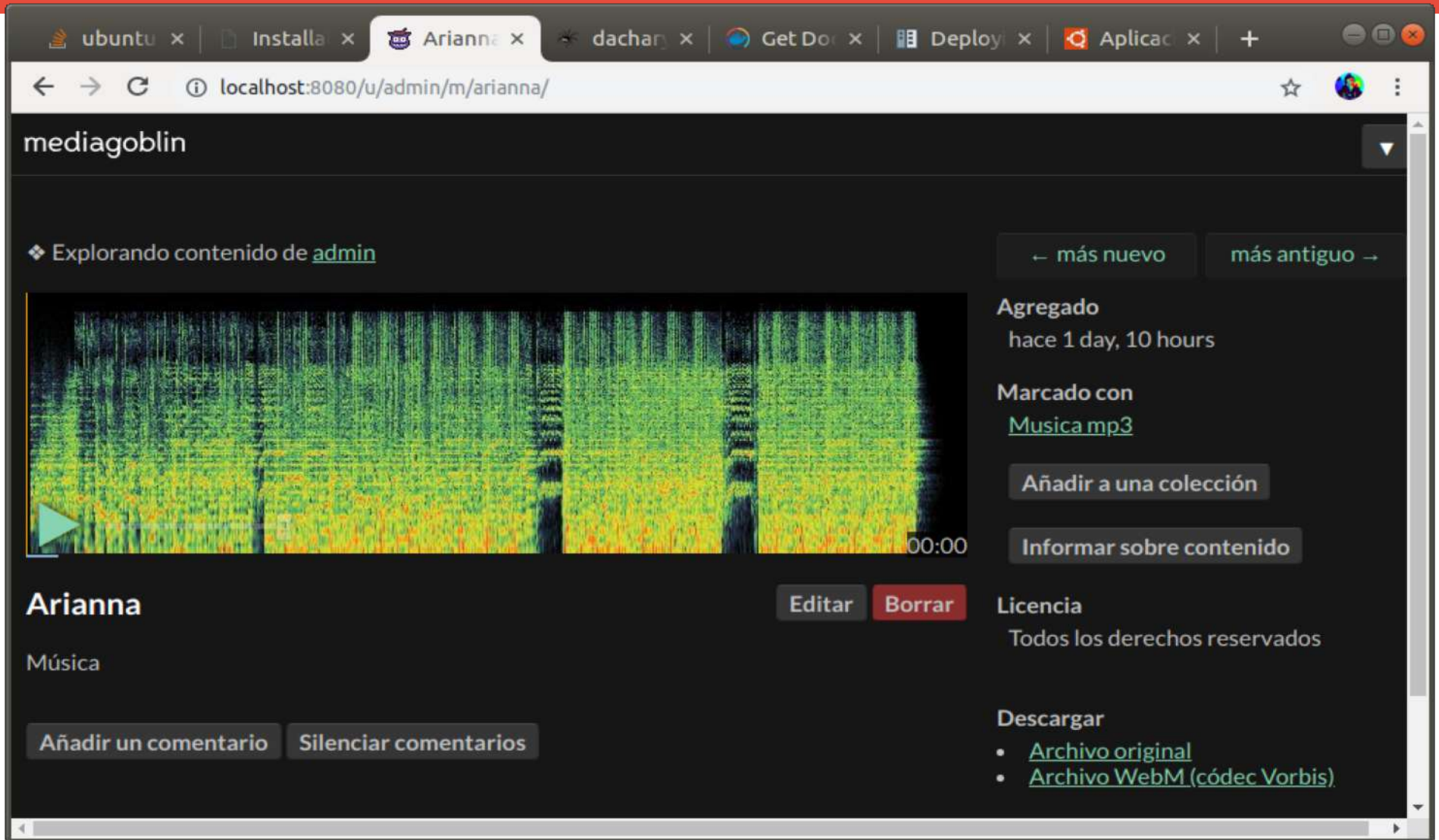


- Es un framework multimedia libre multiplataforma
- Permite crear aplicaciones audiovisuales, como de vídeo, sonido, codificación, etc.
- Por ejemplo, con GStreamer se puede reproducir música o realizar tareas más complejas como mezclar audio y vídeo.

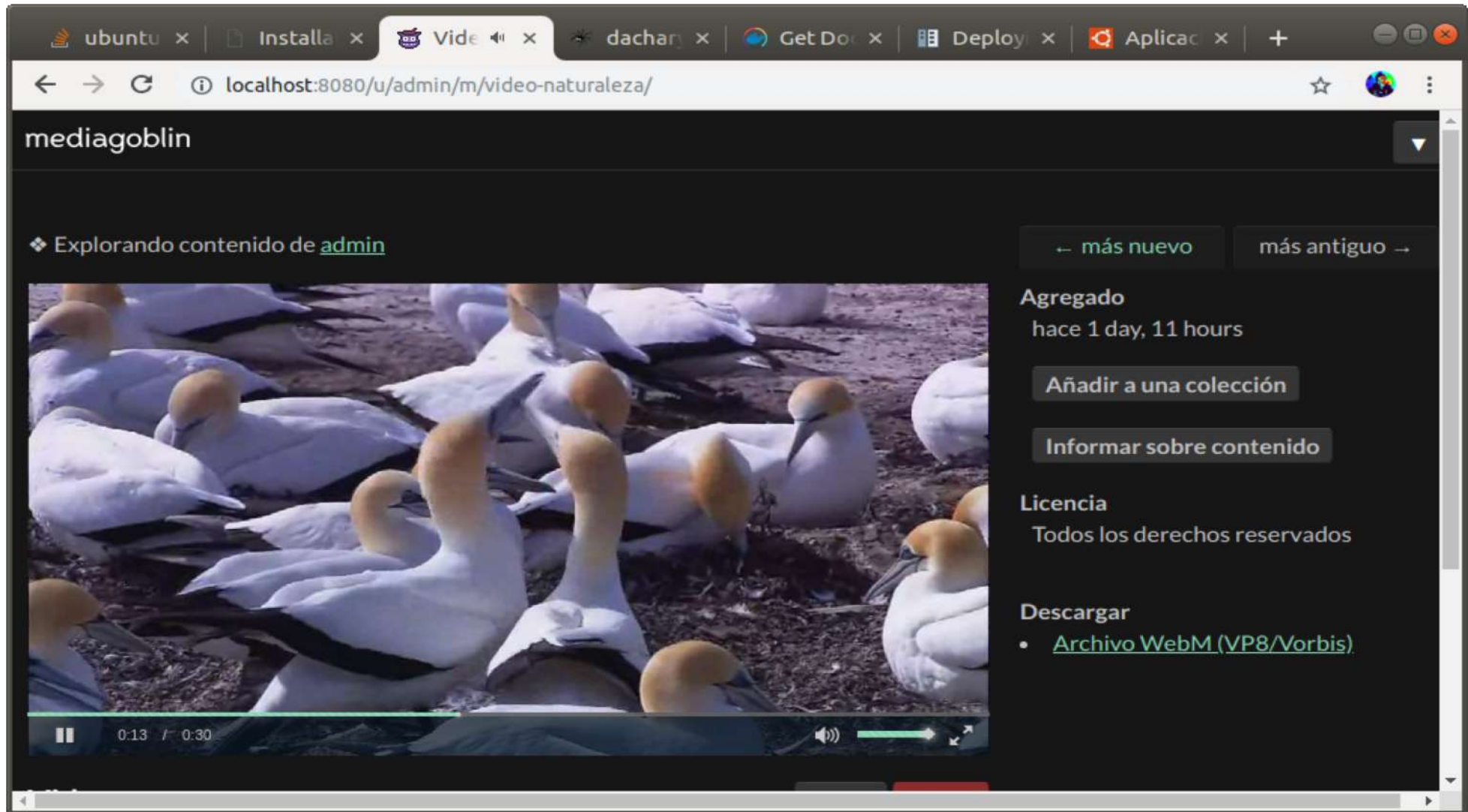
# Mediagoblin

- Mediagoblin está programado en python
- Usando gstreamer puede dar soporte a formatos de audio o video.
- El video es soportado en formato webm
- Y el audio se transforma a formato ogg vorbis y se transmite en un webm container

# Uso de Mediagoblin



# Uso de mediagoblin





# Captura de WireShark

No.	Time	Source	Destination	Protocol	Length	Info
20	6.246346848	139.162.245.220	192.168.1.77	TLSv1.2	100	Application Data
21	6.246366866	192.168.1.77	139.162.245.220	TCP	66	54010 → 443 [ACK] Seq=1 Ack=35 Win=373 Len=0 TSval=1450727924 TSecr=1482305828
61	15.107545680	192.168.1.77	172.217.21.67	TCP	74	57388 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1386128305 TSecr=0 WS=128
67	15.139491121	172.217.21.67	192.168.1.77	TCP	74	443 → 57388 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=533365637 TSecr=1386128305 WS=256
68	15.139528517	192.168.1.77	172.217.21.67	TCP	66	57388 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=1386128337 TSecr=533365637
69	15.139902978	192.168.1.77	172.217.21.67	TLSv1.2	583	Client Hello
71	15.150295408	192.168.1.77	173.194.76.188	TCP	74	48346 → 5228 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=193547051 TSecr=0 WS=128
74	15.170866176	172.217.21.67	192.168.1.77	TCP	66	443 → 57388 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=533365669 TSecr=1386128337
76	15.186659818	173.194.76.188	192.168.1.77	TCP	74	5228 → 48346 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=2759192583 TSecr=193547051 WS=256
77	15.186695295	192.168.1.77	173.194.76.188	TCP	66	48346 → 5228 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=193547088 TSecr=2759192583
78	15.186711933	172.217.21.67	192.168.1.77	TLSv1.2	2902	Server Hello
79	15.186719757	192.168.1.77	172.217.21.67	TCP	66	57388 → 443 [ACK] Seq=518 Ack=2837 Win=34944 Len=0 TSval=1386128384 TSecr=533365684
80	15.188792118	172.217.21.67	192.168.1.77	TLSv1.2	1963	Certificate, Server Key Exchange, Server Hello Done
81	15.188919867	192.168.1.77	172.217.21.67	TCP	66	57388 → 443 [ACK] Seq=518 Ack=3834 Win=37888 Len=0 TSval=1386128386 TSecr=533365684
82	15.197708596	192.168.1.77	172.217.21.67	TLSv1.2	159	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
85	15.210693262	192.168.1.77	216.58.211.42	TCP	74	36330 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=2026200516 TSecr=0 WS=128
86	15.210774304	192.168.1.77	216.58.211.42	TCP	74	36332 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=2026200516 TSecr=0 WS=128
87	15.211209845	192.168.1.77	173.194.76.188	TLSv1.2	583	Client Hello
88	15.228336621	172.217.21.67	192.168.1.77	TLSv1.2	350	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
89	15.228434759	216.58.211.42	192.168.1.77	TCP	74	443 → 36330 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=1231901388 TSecr=2026200516 WS=256
90	15.228560075	192.168.1.77	216.58.211.42	TCP	66	36330 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=2026200534 TSecr=1231901388
91	15.228638269	172.217.21.67	192.168.1.77	TLSv1.2	135	Application Data
92	15.232184258	216.58.211.42	192.168.1.77	TCP	74	443 → 36332 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=140630117 TSecr=2026200516 WS=256
93	15.232215023	192.168.1.77	216.58.211.42	TCP	66	36332 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=2026200537 TSecr=140630117
95	15.248251528	173.194.76.188	192.168.1.77	TCP	66	5228 → 48346 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=2759192644 TSecr=193547112
96	15.248273993	173.194.76.188	192.168.1.77	TLSv1.2	2902	Server Hello
97	15.248285147	192.168.1.77	173.194.76.188	TCP	66	48346 → 5228 [ACK] Seq=518 Ack=2837 Win=34944 Len=0 TSval=193547149 TSecr=2759192644
98	15.250593016	173.194.76.188	192.168.1.77	TLSv1.2	806	Certificate, Server Key Exchange, Server Hello Done
99	15.250616483	192.168.1.77	173.194.76.188	TCP	66	48346 → 5228 [ACK] Seq=518 Ack=3577 Win=37888 Len=0 TSval=193547152 TSecr=2759192644
100	15.251318460	192.168.1.77	173.194.76.188	TLSv1.2	159	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
101	15.252566272	192.168.1.77	216.58.211.42	TLSv1.2	583	Client Hello
102	15.252744368	192.168.1.77	216.58.211.42	TLSv1.2	583	Client Hello
104	15.269157020	192.168.1.77	172.217.21.67	TCP	66	57388 → 443 [ACK] Seq=611 Ack=4187 Win=40704 Len=0 TSval=1386128466 TSecr=533365726
105	15.269702776	192.168.1.77	172.217.21.67	TLSv1.2	159	Application Data
106	15.269924314	216.58.211.42	192.168.1.77	TCP	66	443 → 36330 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=1231901429 TSecr=2026200558
107	15.274190053	216.58.211.42	192.168.1.77	TCP	66	443 → 36332 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=140630159 TSecr=2026200558
108	15.278153578	192.168.1.77	172.217.21.67	TLSv1.2	104	Application Data
109	15.278215779	192.168.1.77	172.217.21.67	TLSv1.2	328	Application Data
110	15.287970568	173.194.76.188	192.168.1.77	TLSv1.2	350	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
114	15.289673988	216.58.211.42	192.168.1.77	TLSv1.2	3900	Server Hello, Certificate, Server Key Exchange, Server Hello Done
115	15.289785405	192.168.1.77	216.58.211.42	TCP	66	36330 → 443 [ACK] Seq=518 Ack=3835 Win=36992 Len=0 TSval=2026200595 TSecr=1231901450
116	15.294634976	172.217.21.67	192.168.1.77	TLSv1.2	135	[TCP Spurious Retransmission], Application Data
117	15.294776565	192.168.1.77	172.217.21.67	TCP	78	[TCP Dup ACK 104#1] 57388 → 443 [ACK] Seq=1004 Ack=4187 Win=40704 Len=0 TSval=1386128492 TSecr=533365793 SLE=4118 SRE=4187
118	15.294877354	216.58.211.42	192.168.1.77	TLSv1.2	3900	Server Hello, Certificate, Server Key Exchange, Server Hello Done
119	15.294911908	192.168.1.77	216.58.211.42	TCP	66	36332 → 443 [ACK] Seq=518 Ack=3835 Win=36992 Len=0 TSval=2026200600 TSecr=140630180
122	15.297915388	192.168.1.77	216.58.211.42	TLSv1.2	159	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
123	15.300979628	172.217.21.67	192.168.1.77	TLSv1.2	104	Application Data
124	15.301001640	192.168.1.77	172.217.21.67	TCP	66	57388 → 443 [ACK] Seq=1004 Ack=4225 Win=40704 Len=0 TSval=1386128498 TSecr=533365799



# Captura de WireShark

124	15.301001640	192.168.1.77	172.217.21.67	TCP	66 57388 → 443 [ACK] Seq=1004 Ack=4225 Win=40704 Len=0 TSval=1386128498 TSecr=533365799
125	15.302001055	192.168.1.77	216.58.211.42	TLSv1.2	159 Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
127	15.308989860	172.217.21.67	192.168.1.77	TCP	66 443 → 57388 [ACK] Seq=4225 Ack=1004 Win=62464 Len=0 TSval=533365807 TSecr=1386128475
132	15.315192094	216.58.211.42	192.168.1.77	TLSv1.2	350 New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
133	15.315208378	216.58.211.42	192.168.1.77	TLSv1.2	135 Application Data
135	15.323082702	216.58.211.42	192.168.1.77	TLSv1.2	350 New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
136	15.323137579	216.58.211.42	192.168.1.77	TLSv1.2	135 Application Data
137	15.326024456	192.168.1.77	173.194.76.188	TLSv1.2	250 Application Data
139	15.335819713	172.217.21.67	192.168.1.77	TLSv1.2	250 Application Data
140	15.335844639	192.168.1.77	172.217.21.67	TCP	66 57388 → 443 [ACK] Seq=1004 Ack=4409 Win=43520 Len=0 TSval=1386128533 TSecr=533365829
141	15.335861274	172.217.21.67	192.168.1.77	TLSv1.2	104 Application Data
142	15.335875151	192.168.1.77	172.217.21.67	TCP	66 57388 → 443 [ACK] Seq=1004 Ack=4447 Win=43520 Len=0 TSval=1386128533 TSecr=533365829
143	15.335878370	172.217.21.67	192.168.1.77	TLSv1.2	112 Application Data
144	15.335880537	192.168.1.77	172.217.21.67	TCP	66 57388 → 443 [ACK] Seq=1004 Ack=4493 Win=43520 Len=0 TSval=1386128533 TSecr=533365829
147	15.353182674	216.58.211.42	192.168.1.77	TCP	135 [TCP Retransmission] 443 → 36330 [PSH, ACK] Seq=4119 Ack=611 Win=61440 Len=69 TSval=1231901513 TSecr=2026200603
148	15.353209332	192.168.1.77	216.58.211.42	TCP	78 36330 → 443 [ACK] Seq=611 Ack=4188 Win=39808 Len=0 TSval=2026200658 TSecr=1231901475 SLE=4119 SRE=4188
152	15.365162291	192.168.1.77	216.58.211.42	TCP	66 36332 → 443 [ACK] Seq=611 Ack=4188 Win=39808 Len=0 TSval=2026200670 TSecr=140630209
153	15.367845385	216.58.211.42	192.168.1.77	TLSv1.2	135 [TCP Spurious Retransmission] , Application Data
154	15.367865940	192.168.1.77	216.58.211.42	TCP	78 [TCP Dup ACK 152#1] 36332 → 443 [ACK] Seq=611 Ack=4188 Win=39808 Len=0 TSval=2026200673 TSecr=140630253 SLE=4119 SRE=4188
155	15.379354706	173.194.76.188	192.168.1.77	TLSv1.2	96 Application Data
160	15.379620558	173.194.76.188	192.168.1.77	TLSv1.2	185 Application Data
161	15.379729137	173.194.76.188	192.168.1.77	TLSv1.2	200 Application Data
163	15.382568723	192.168.1.77	173.194.76.188	TCP	66 48346 → 5228 [ACK] Seq=795 Ack=4144 Win=43520 Len=0 TSval=193547284 TSecr=2759192766
166	15.384756503	192.168.1.77	172.217.17.4	TCP	74 33546 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1135392470 TSecr=0 WS=128
167	15.384872629	192.168.1.77	172.217.17.13	TCP	74 37978 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=3931601412 TSecr=0 WS=128
168	15.385859379	192.168.1.77	172.217.21.67	TLSv1.2	112 Application Data
170	15.402206596	172.217.17.13	192.168.1.77	TCP	74 443 → 37978 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=2430443266 TSecr=3931601412 WS=256
171	15.402240099	192.168.1.77	172.217.17.13	TCP	66 37978 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=3931601429 TSecr=2430443266
172	15.402252890	172.217.17.4	192.168.1.77	TCP	74 443 → 33546 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=488745172 TSecr=1135392470 WS=256
173	15.402260103	192.168.1.77	172.217.17.4	TCP	66 33546 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=1135392487 TSecr=488745172
176	15.407177158	192.168.1.77	172.217.17.13	TLSv1.2	583 Client Hello
177	15.407366825	192.168.1.77	172.217.17.4	TLSv1.2	583 Client Hello
178	15.425437769	172.217.17.13	192.168.1.77	TCP	66 443 → 37978 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=2430443289 TSecr=3931601434
179	15.427189168	172.217.17.4	192.168.1.77	TCP	66 443 → 33546 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=488745196 TSecr=1135392493
184	15.446572335	172.217.17.13	192.168.1.77	TLSv1.2	3035 Server Hello, Certificate, Server Key Exchange, Server Hello Done
185	15.446596654	192.168.1.77	172.217.17.13	TCP	66 37978 → 443 [ACK] Seq=518 Ack=2970 Win=35200 Len=0 TSval=3931601474 TSecr=2430443311
186	15.453796542	172.217.17.4	192.168.1.77	TLSv1.2	3651 Server Hello, Certificate, Server Key Exchange, Server Hello Done
187	15.453863610	192.168.1.77	172.217.17.4	TCP	66 33546 → 443 [ACK] Seq=518 Ack=3586 Win=36480 Len=0 TSval=1135392539 TSecr=488745222
192	15.455121707	192.168.1.77	172.217.17.13	TLSv1.2	295 Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
193	15.458340727	192.168.1.77	172.217.17.4	TLSv1.2	159 Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
195	15.462170853	172.217.21.67	192.168.1.77	TCP	66 443 → 57388 [ACK] Seq=4493 Ack=1050 Win=62464 Len=0 TSval=533365955 TSecr=1386128583
197	15.472651409	172.217.17.13	192.168.1.77	TLSv1.2	387 New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
199	15.472732418	172.217.17.13	192.168.1.77	TLSv1.2	135 Application Data
200	15.513160337	192.168.1.77	172.217.17.13	TCP	66 37978 → 443 [ACK] Seq=747 Ack=3360 Win=38016 Len=0 TSval=3931601540 TSecr=2430443337
201	15.538595090	172.217.17.4	192.168.1.77	TLSv1.2	350 New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
202	15.538613718	172.217.17.4	192.168.1.77	TLSv1.2	135 Application Data
206	15.538630024	172.217.17.13	192.168.1.77	TLSv1.2	135 [TCP Spurious Retransmission] , Application Data
207	15.538644217	192.168.1.77	172.217.17.13	TCP	78 [TCP Dup ACK 200#1] 37978 → 443 [ACK] Seq=747 Ack=3360 Win=38016 Len=0 TSval=3931601566 TSecr=2430443373 SLE=3291 SRE=3360

# Captura de WireShark

207	15.538644217	192.168.1.77	172.217.17.13	TCP	78 [TCP Dup ACK 200#1] 37978 → 443 [ACK] Seq=747 Ack=3360 Win=38016 Len=0 TSval=3931601566 TSecr=2430443373 SLE=3291 SRE=3360
210	15.538885516	172.217.17.4	192.168.1.77	TCP	135 [TCP Retransmission] 443 → 33546 [PSH, ACK] Seq=3870 Ack=611 Win=61440 Len=69 TSval=488745284 TSecr=1135392543
211	15.538892869	192.168.1.77	172.217.17.4	TCP	78 33546 → 443 [ACK] Seq=611 Ack=3939 Win=39296 Len=0 TSval=1135392624 TSecr=488745245 SLE=3870 SRE=3939
242	16.171644022	139.162.245.220	192.168.1.77	TLSv1.2	100 Application Data
243	16.171667141	192.168.1.77	139.162.245.220	TCP	66 54010 → 443 [ACK] Seq=1 Ack=69 Win=373 Len=0 TSval=1450737849 TSecr=1482315830
301	17.715414685	173.194.76.188	192.168.1.77	TLSv1.2	395 Application Data
302	17.757182624	192.168.1.77	173.194.76.188	TCP	66 48346 → 5228 [ACK] Seq=795 Ack=4473 Win=46336 Len=0 TSval=193549658 TSecr=2759195089
357	25.030900519	192.168.1.77	172.217.17.3	TCP	74 39742 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=3820704336 TSecr=0 WS=128
358	25.030974783	192.168.1.77	172.217.17.3	TCP	74 39744 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=3820704336 TSecr=0 WS=128
359	25.049561483	172.217.17.3	192.168.1.77	TCP	74 443 → 39742 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=3253453193 TSecr=3820704336 WS=256
360	25.049629931	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=3820704355 TSecr=3253453193
361	25.049660311	172.217.17.3	192.168.1.77	TCP	74 443 → 39744 [SYN, ACK] Seq=0 Ack=1 Win=60192 Len=0 MSS=1380 SACK_PERM=1 TSval=350646453 TSecr=3820704336 WS=256
362	25.049681741	192.168.1.77	172.217.17.3	TCP	66 39744 → 443 [ACK] Seq=1 Ack=1 Win=29312 Len=0 TSval=3820704355 TSecr=350646453
363	25.050190434	192.168.1.77	172.217.17.3	TLSv1.2	583 Client Hello
364	25.050542369	192.168.1.77	172.217.17.3	TLSv1.2	583 Client Hello
365	25.068544218	172.217.17.3	192.168.1.77	TCP	66 443 → 39742 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=3253453212 TSecr=3820704355
366	25.068573591	172.217.17.3	192.168.1.77	TCP	66 443 → 39744 [ACK] Seq=1 Ack=518 Win=61440 Len=0 TSval=350646473 TSecr=3820704356
367	25.089192099	172.217.17.3	192.168.1.77	TLSv1.2	2902 Server Hello
368	25.089244791	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=518 Ack=2837 Win=34944 Len=0 TSval=3820704394 TSecr=3253453232
369	25.089286392	172.217.17.3	192.168.1.77	TLSv1.2	814 Certificate, Server Key Exchange, Server Hello Done
370	25.089302515	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=518 Ack=3585 Win=37888 Len=0 TSval=3820704394 TSecr=3253453233
371	25.089340874	172.217.17.3	192.168.1.77	TLSv1.2	2902 Server Hello
372	25.089354575	192.168.1.77	172.217.17.3	TCP	66 39744 → 443 [ACK] Seq=518 Ack=2837 Win=34944 Len=0 TSval=3820704394 TSecr=350646494
373	25.090867078	192.168.1.77	172.217.17.3	TLSv1.2	159 Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
374	25.091276677	172.217.17.3	192.168.1.77	TLSv1.2	815 Certificate, Server Key Exchange, Server Hello Done
375	25.091302201	192.168.1.77	172.217.17.3	TCP	66 39744 → 443 [ACK] Seq=518 Ack=3586 Win=37888 Len=0 TSval=3820704396 TSecr=350646494
376	25.092771458	192.168.1.77	172.217.17.3	TLSv1.2	159 Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
377	25.098086742	192.168.1.77	172.217.17.3	TCP	66 39744 → 443 [FIN, ACK] Seq=611 Ack=3586 Win=37888 Len=0 TSval=3820704403 TSecr=350646494
378	25.098150365	192.168.1.77	172.217.17.3	TLSv1.2	159 Application Data
379	25.098301651	192.168.1.77	172.217.17.3	TLSv1.2	262 Application Data
380	25.098960307	192.168.1.77	172.217.17.3	TLSv1.2	158 Application Data
381	25.110478741	172.217.17.3	192.168.1.77	TLSv1.2	350 New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
382	25.110503099	172.217.17.3	192.168.1.77	TLSv1.2	135 Application Data
383	25.110580737	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=992 Ack=3938 Win=40704 Len=0 TSval=3820704416 TSecr=3253453253
384	25.110701176	192.168.1.77	172.217.17.3	TLSv1.2	104 Application Data
385	25.111941785	172.217.17.3	192.168.1.77	TLSv1.2	350 New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
386	25.111975854	192.168.1.77	172.217.17.3	TCP	54 39744 → 443 [RST] Seq=611 Win=0 Len=0
387	25.111992693	172.217.17.3	192.168.1.77	TLSv1.2	135 Application Data
388	25.111999965	192.168.1.77	172.217.17.3	TCP	54 39744 → 443 [RST] Seq=611 Win=0 Len=0
389	25.116525122	172.217.17.3	192.168.1.77	TCP	66 443 → 39742 [ACK] Seq=3938 Ack=900 Win=62464 Len=0 TSval=3253453260 TSecr=3820704403
390	25.116542840	172.217.17.3	192.168.1.77	TCP	66 443 → 39744 [FIN, ACK] Seq=3939 Ack=612 Win=61440 Len=0 TSval=350646520 TSecr=3820704403
391	25.116560179	192.168.1.77	172.217.17.3	TCP	54 39744 → 443 [RST] Seq=612 Win=0 Len=0
392	25.116574314	172.217.17.3	192.168.1.77	TLSv1.2	361 Application Data
393	25.116586928	172.217.17.3	192.168.1.77	TLSv1.2	1484 Application Data
394	25.116592988	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=5651 Win=46336 Len=0 TSval=3820704422 TSecr=3253453260
395	25.116605959	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
396	25.116610831	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=8487 Win=52096 Len=0 TSval=3820704422 TSecr=3253453260
397	25.118907544	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data



# Captura de WireShark

397	25.118907544	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
398	25.118927432	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=11323 Win=57728 Len=0 TSval=3820704424 TSecr=3253453260
399	25.118953659	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
400	25.118972491	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=14159 Win=63360 Len=0 TSval=3820704424 TSecr=3253453261
401	25.121411616	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
402	25.121425347	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=16995 Win=69120 Len=0 TSval=3820704427 TSecr=3253453263
403	25.121437822	172.217.17.3	192.168.1.77	TLSv1.2	1484 Application Data
404	25.128502823	172.217.17.3	192.168.1.77	TLSv1.2	5738 Application Data, Application Data, Application Data, Application Data
405	25.128523785	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=24085 Win=83328 Len=0 TSval=3820704434 TSecr=3253453264
406	25.134555074	172.217.17.3	192.168.1.77	TLSv1.2	5738 Application Data, Application Data, Application Data, Application Data
407	25.134580155	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=29757 Win=94720 Len=0 TSval=3820704440 TSecr=3253453278
408	25.136889818	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
409	25.136918016	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=32593 Win=100352 Len=0 TSval=3820704442 TSecr=3253453278
410	25.136956625	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
411	25.136982239	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=35429 Win=105984 Len=0 TSval=3820704442 TSecr=3253453279
412	25.139455631	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
413	25.139480029	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=38265 Win=111744 Len=0 TSval=3820704445 TSecr=3253453281
414	25.139507129	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
415	25.139513892	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=41101 Win=117376 Len=0 TSval=3820704445 TSecr=3253453282
416	25.142036867	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
417	25.142054196	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=43937 Win=123008 Len=0 TSval=3820704447 TSecr=3253453283
418	25.142072846	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
419	25.142079979	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=46773 Win=128640 Len=0 TSval=3820704447 TSecr=3253453284
420	25.146349892	172.217.17.3	192.168.1.77	TLSv1.2	7156 Application Data, Application Data, Application Data, Application Data, Application Data
421	25.146378598	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=53863 Win=142848 Len=0 TSval=3820704451 TSecr=3253453290
422	25.148522052	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
423	25.148555720	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=56699 Win=148608 Len=0 TSval=3820704454 TSecr=3253453290
424	25.148589111	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
425	25.148603514	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=59535 Win=154240 Len=0 TSval=3820704454 TSecr=3253453291
426	25.152443875	172.217.17.3	192.168.1.77	TLSv1.2	8574 Application Data, Application Data, Application Data, Application Data, Application Data
427	25.152474637	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=68043 Win=171264 Len=0 TSval=3820704458 TSecr=3253453296
428	25.154577359	172.217.17.3	192.168.1.77	TLSv1.2	4320 Application Data, Application Data, Application Data
429	25.154607519	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=72297 Win=179712 Len=0 TSval=3820704460 TSecr=3253453297
430	25.154660332	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
431	25.154676836	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=75133 Win=181376 Len=0 TSval=3820704460 TSecr=3253453299
432	25.156761394	172.217.17.3	192.168.1.77	TLSv1.2	5738 Application Data, Application Data, Application Data, Application Data, Application Data
433	25.156790247	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=80805 Win=182272 Len=0 TSval=3820704462 TSecr=3253453299
434	25.156814441	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
435	25.156871456	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1030 Ack=83641 Win=184832 Len=0 TSval=3820704462 TSecr=3253453300
436	25.157953675	192.168.1.77	172.217.17.3	TLSv1.2	112 Application Data
437	25.158492254	172.217.17.3	192.168.1.77	TLSv1.2	7156 Application Data, Application Data, Application Data, Application Data, Application Data
438	25.158554322	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1076 Ack=90731 Win=184832 Len=0 TSval=3820704464 TSecr=3253453301
439	25.161088888	172.217.17.3	192.168.1.77	TLSv1.2	2902 Application Data, Application Data
440	25.161131618	172.217.17.3	192.168.1.77	TLSv1.2	5738 Application Data, Application Data, Application Data, Application Data
441	25.161294888	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1076 Ack=99239 Win=184832 Len=0 TSval=3820704466 TSecr=3253453302
442	25.163009042	172.217.17.3	192.168.1.77	TLSv1.2	5738 Application Data, Application Data, Application Data
443	25.163037872	172.217.17.3	192.168.1.77	TLSv1.2	1484 Application Data [TCP segment of a reassembled PDU]
444	25.163108224	192.168.1.77	172.217.17.3	TCP	66 39742 → 443 [ACK] Seq=1076 Ack=106329 Win=184832 Len=0 TSval=3820704468 TSecr=3253453305

# Captura de WireShark

445	25.164544197	172.217.17.3	192.168.1.77	TLSv1.2	8574	Application Data,	Application Data, Application Data, Application Data, Application Data, Application Data, Application Data, Application Data
446	25.165460812	192.168.1.77	172.217.17.3	TCP	66	39742 → 443 [ACK]	Seq=1076 Ack=114837 Win=184832 Len=0 TSval=3820704471 TSecr=3253453308
447	25.166153921	172.217.17.3	192.168.1.77	TLSv1.2	4320	Application Data,	Application Data, Application Data
448	25.166188168	172.217.17.3	192.168.1.77	TLSv1.2	4320	Application Data,	Application Data, Application Data
449	25.166644060	192.168.1.77	172.217.17.3	TCP	66	39742 → 443 [ACK]	Seq=1076 Ack=123345 Win=184832 Len=0 TSval=3820704472 TSecr=3253453308
450	25.167878882	172.217.17.3	192.168.1.77	TLSv1.2	5738	Application Data,	Application Data, Application Data, Application Data
451	25.167897305	192.168.1.77	172.217.17.3	TCP	66	39742 → 443 [ACK]	Seq=1076 Ack=129017 Win=196224 Len=0 TSval=3820704473 TSecr=3253453311
452	25.170612821	172.217.17.3	192.168.1.77	TLSv1.2	11410	Application Data,	Application Data, Application Data, Application Data, Application Data, Application Data, Application Data, Application Data,...
453	25.170620386	192.168.1.77	172.217.17.3	TCP	66	39742 → 443 [ACK]	Seq=1076 Ack=140361 Win=218880 Len=0 TSval=3820704476 TSecr=3253453314
454	25.172232220	172.217.17.3	192.168.1.77	TLSv1.2	2902	Application Data,	Application Data
455	25.172237366	192.168.1.77	172.217.17.3	TCP	66	39742 → 443 [ACK]	Seq=1076 Ack=143197 Win=224512 Len=0 TSval=3820704477 TSecr=3253453314
456	25.172244065	172.217.17.3	192.168.1.77	TLSv1.2	3399	Application Data,	Application Data, Application Data
457	25.172246658	192.168.1.77	172.217.17.3	TCP	66	39742 → 443 [ACK]	Seq=1076 Ack=146530 Win=231168 Len=0 TSval=3820704477 TSecr=3253453315
458	25.215874293	172.217.17.3	192.168.1.77	TCP	66	443 → 39742 [ACK]	Seq=146530 Ack=1076 Win=62464 Len=0 TSval=3253453360 TSecr=3820704463
459	26.214631921	139.162.245.220	192.168.1.77	TLSv1.2	100	Application Data	
460	26.214650654	192.168.1.77	139.162.245.220	TCP	66	54010 → 443 [ACK]	Seq=1 Ack=103 Win=373 Len=0 TSval=1450747892 TSecr=1482325830

## Demo de uso con mediagoblin y virtualbox



# Problemas de MediaGoblin

**La configuración es difícil, el soporte está desactualizado y no hay muchas referencias actuales.**

**Para desplegarlo fuera de la red, la configuración del servidor nginx es compleja.**

Alternativa Plex



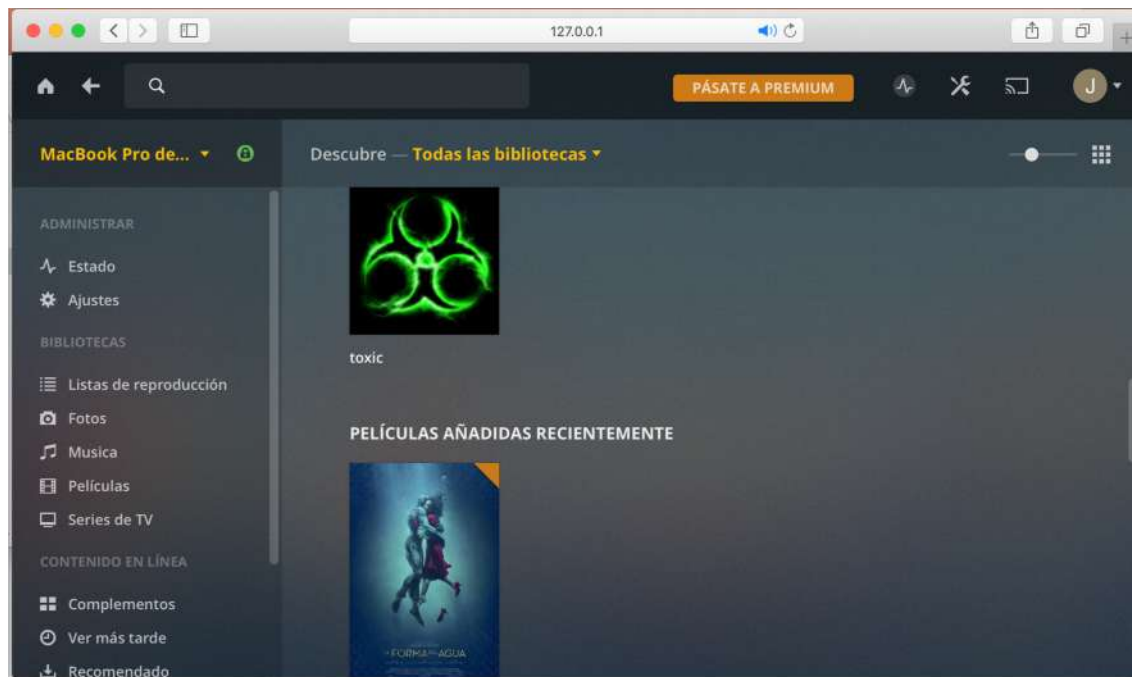
## ¿Por qué Plex?

Plex agrupa tus archivos multimedia favoritos en un solo espacio para que te resulte más fácil verlos.

Organiza tus colecciones personales de vídeo, música y fotografía y las reproduce en streaming en todos tus dispositivos.

# Plex

Con la TV en directo y DVR de Plex y un catálogo cada vez mayor de excelente contenido en línea, que incluye Plex News y podcasts, hacemos que te resulte más fácil encontrar tus archivos multimedia preferidos y disfrutarlos en todos tus dispositivos estés donde estés.



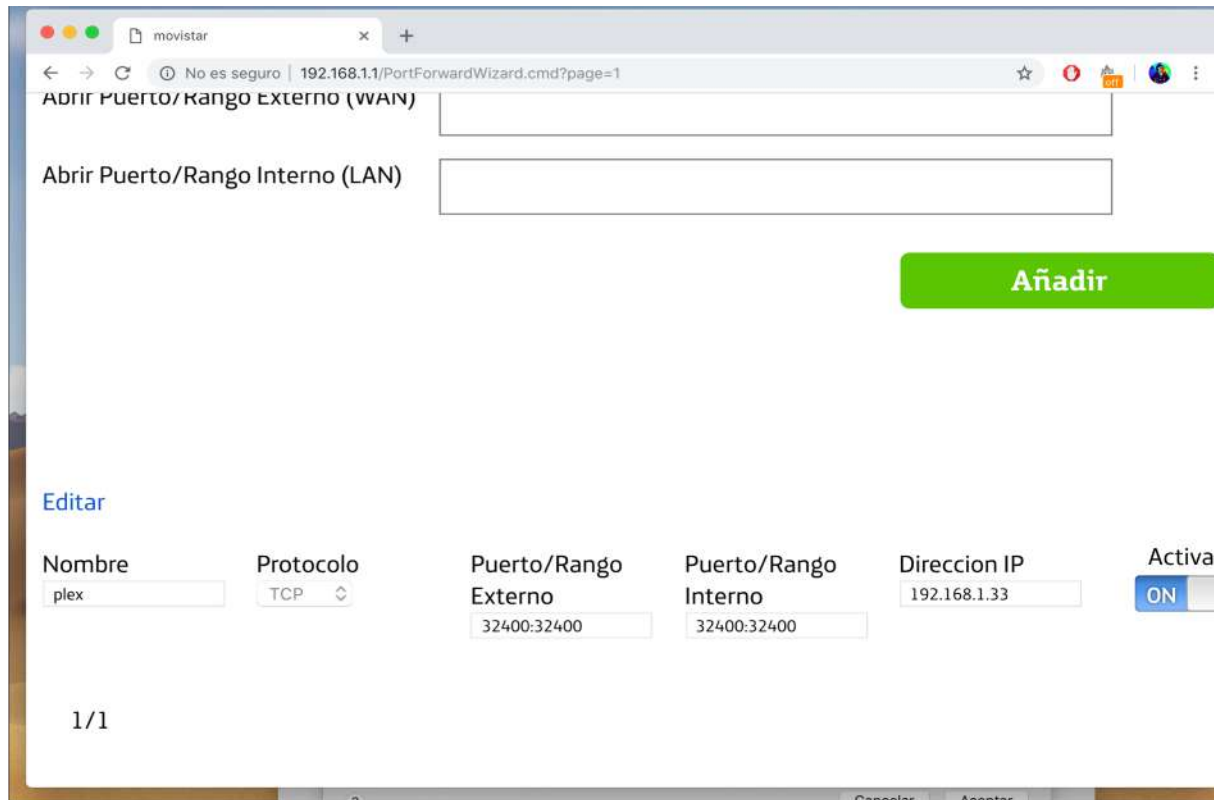
## Instalación:

- Descargas el software para tu sistema operativo y para acceder escribes en tu navegador la dirección 127.0.0.1 para acceder

# PLEX

Si queremos que nuestro servidor multimedia Plex funcione fuera de nuestra red

Tenemos que seguir los siguientes pasos:



The screenshot shows a web browser window with the URL `192.168.1.1/PortForwardWizard.cmd?page=1`. The page is titled "Abrir Puerto/Rango Externo (WAN)" and "Abrir Puerto/Rango Interno (LAN)". There are two empty input fields for these ranges. A green "Añadir" button is visible. Below, there is a table with the following columns: "Nombre", "Protocolo", "Puerto/Rango Externo", "Puerto/Rango Interno", "Direccion IP", and "Activar". The table contains one entry for "plex" with protocol "TCP", external and internal ports "32400:32400", and IP "192.168.1.33". The "Activar" column has a blue "ON" button. At the bottom left, it says "1/1".

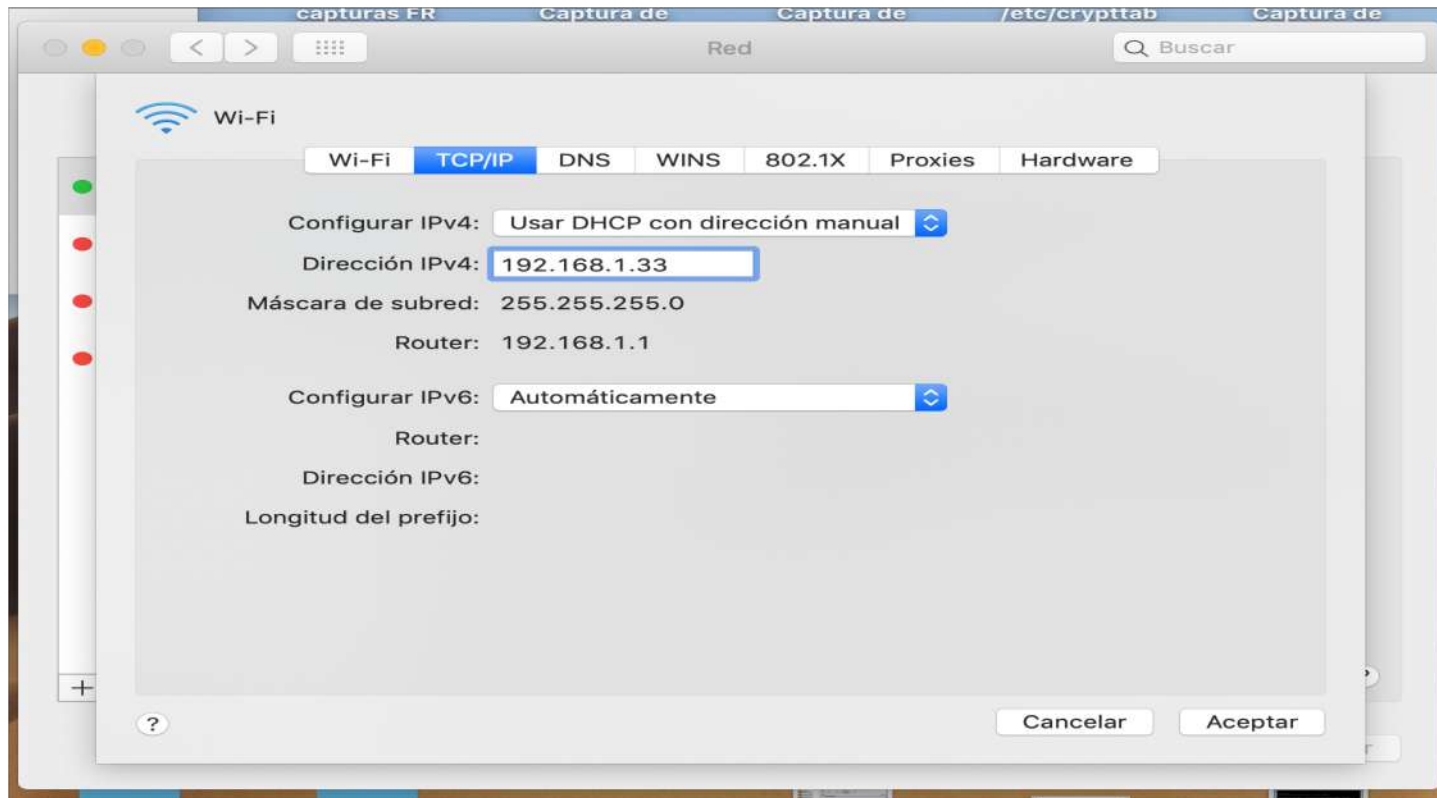
Nombre	Protocolo	Puerto/Rango Externo	Puerto/Rango Interno	Direccion IP	Activar
plex	TCP	32400:32400	32400:32400	192.168.1.33	ON

- Abrimos el puerto necesario, en este caso 32400

# Plex

Creamos una ip estática para que siempre sea la misma y plex pueda dar servicio, de otra forma si es dinámica

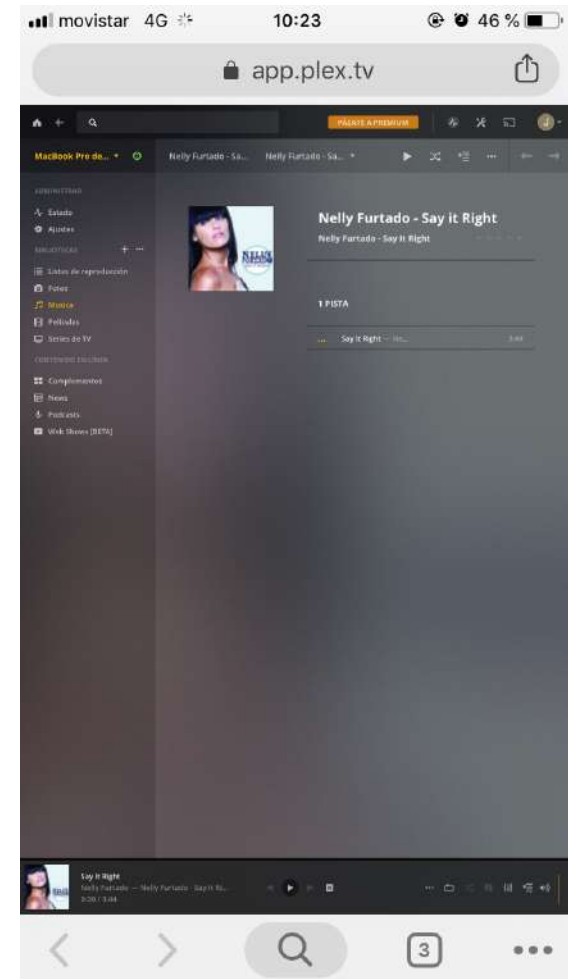
La ip no tendría abierto el puerto para dar servicio y no podríamos acceder fuera de nuestra red





# Plex

Servicio disponible fuera de nuestra red



Plex

# Demo de uso de Plex

# Mediagoblin/ Plex

Muchas gracias por su atención

¿Alguna pregunta?

# Biografía

<https://en.wikipedia.org/wiki/MediaGoblin>

<https://mediagoblin.org/>

<https://mediagoblin.readthedocs.io/en/stable/siteadmin/deploying.html>

<https://enavas.blogspot.com/2014/03/instalar-y-configurar-mediagoblin.html>

<https://www.plex.tv/es/>