



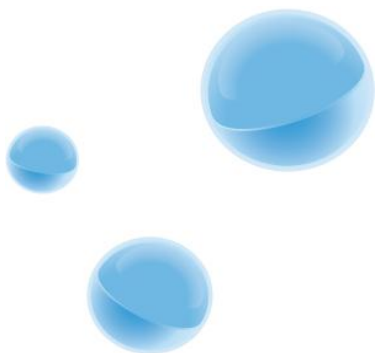
# VARNISH

Makes Websites Fly

# **Varnish User Group Day**

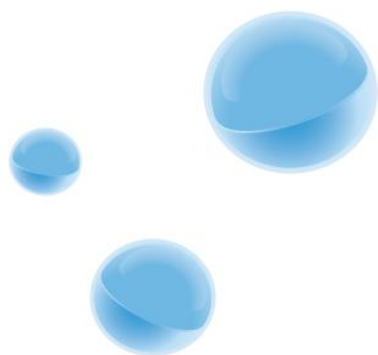
## **@ VUG5, Paris, France, March 2012**

Rubén Romero  
Varnish Software



# General Information

- Sponsors + Community
- Agenda @La Défense and @Opéra
- Presentations + Q&A

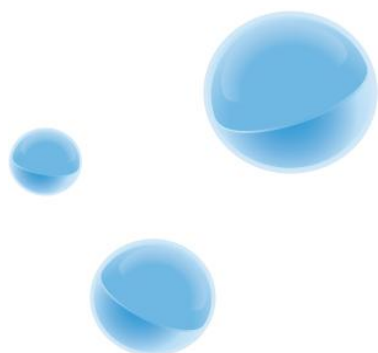


# Event sponsored by



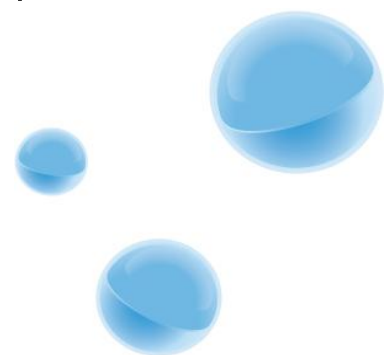
# Everyone helping out

- Thanks to **all presenters! Yay!**
- **Poul-Henning Kamp, Kristian Lyngstøl, Richard Zuidhof, Andreas Plesner Jacobsen, Lionel Touati, Rogier Mulhuijzen, Lasse Karstensen, Kacper Wysocki, Cosimo Streppone, Tollef Fog Heen**
- Special thanks for helping out to land everything
- **Jérôme Renard (hotel), Pierre-Gilles (restaurant), Jonathan Lhrar & Denis Lafont-Trevisan (location coordination)**



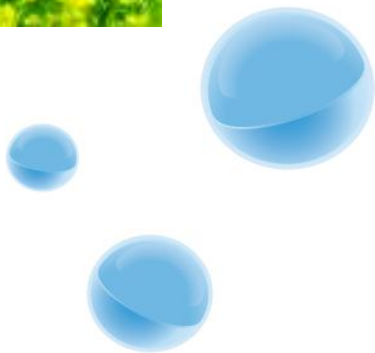
# And all of you for coming!

Jocelyn De La Rosa, Thomas SOUVIGNET, Rogier Mulhuijzen, Andreas Plesner Jacobsen, Gasmi, Federico Schwindt, Paul Krischer, Baptiste Assmann, Thierry Magnien, Jérôme Renard, Albuquerque Rui, Richard Zuidhof, Marc Falzon, Jonathan Matthews, Kristian Sørensen, Poul-Henning Kamp, Geoff Simmons, Nils Goroll, Ruben Vasallo Gonzalez, DANNIELOU Eric, Arnold Slootweg, Guillaume Le Bars, Mialon Pierre-Gilles, Thomas Parmelan, Kacper Wysocki, Javier Casares, DUPAIN, Cosimo, Lasse Karstensen, Kristian Lyngstøl, Martin Blix Grydeland, Aurélien Guillaume, Lionel Touati, Pierre SEGURET, Baptiste Assmann, CRUVEILHER, Sylvain RAMOUSSE, de pooter joris, Henk Janssen, malekfa7mawe, Robin Wood, Paul Tierlier, Jasper Boschman, Quentin Labadens, Tollef Fog Heen, hector, Giacomo Bagnoli, Mathieu Launay, danilooo , VALLET, salvador aviña, Luigi Clemente, Gauthier Delacroix, md.Asaduzzaman, Nicolas DOUILLET, Jean-Sébastien Pédrón, Olivier Favre, Frédéric Blanc, George Halkias, Manolis Floros, Longo Jeremy, CLODIC Stephane, Emeric TRANG, Lafargue, Corey, MARTÍN IVÁN LEVI, EGUZKI ASTIZ LEZAUN, Arjen Schat, Pablo Roman, rob, Xavier Nicollet, naba chetry, Lafon, Nicolas Richeton, ali, Mr. Muhammad Mamun Jafar, OUSSAMA, ROBERT Vincent, omega bavedila katumua, Mudassir Aftab, Mathieu Arnold, Benjamin MONTHOUËL, Sebastien PAUSET, Lafon, Bjoern Zeeb





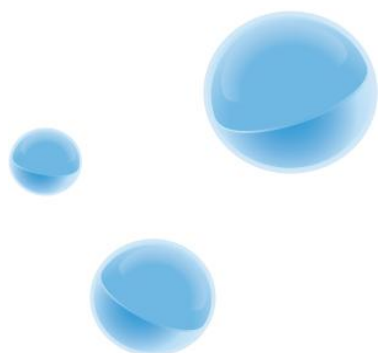
# Agenda



# Before Lunch

- **Keynote: Varnish until 2020** by Poul-Henning Kamp
- **The Varnish Book** by Kristian Lyngstøl
- **Distilled Varnish+Escenic experience** by Richard Zuidhof
- @11.00 - 15 min Coffee break**
- **Mobile Device Detection in Varnish** by Lasse Karstensen
- **Avoiding Configuration Pitfalls** by Andreas Plesner
- **Dynamic E-Commerce Site acceleration** by Lionel Touati
- @12.30 Lunch yay!**

**Lunch @ La Défense**  
You have time (2 hours)





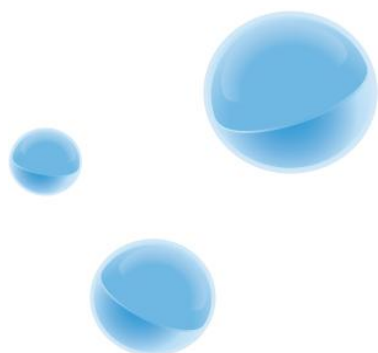
# After Lunch

Please be back @14.30

- **Securing your web stack with Varnish** by Kacper Wysocki
- **A VMOD walk-through** by Kristian Lyngstøl
- **@15.30 - 15 min Coffee break (mingling aloud)**
- **ESI and Varnish** by Federico Schwindt
- **GeoIP, Headers, 2.1>3.0 @ Opera** by Cosimo Streppone
- **Upcoming Features in Varnish Cache** by Tollef Fog Heen
- **VUG6 where?** AR, AU, EU, IN, JP, US, ZA? by Yours Truly

**We leave La Défense**

You have time (2 hours and 45 minutes)



# Moving to Opéra

Activities start at @19.30

## **@19.30 - Beer @ Hotel de L'Ocean**

- Meet up at our lobby for a beer

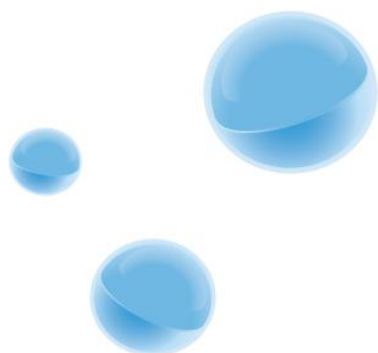
## **@20.00 - Dinner at Le Sâotico, 96 Rue Richelieu, 75002 Paris**

- Reserved for up to 60 people (40 confirmed)

## **@23.30 - Move over to a Bar, or ....Sleep.....**

**Go home!**

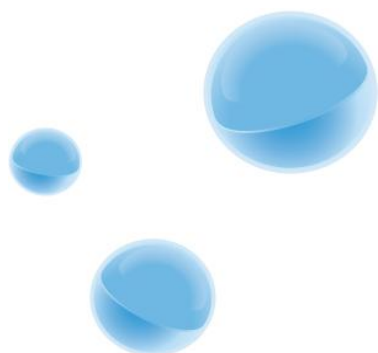
It's way too late: Dev day starts @09.00



# Presentations + Q&A



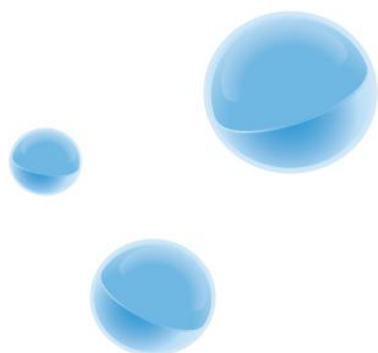
**Yes, we have slides**  
As well as coffee and snacks ;-)



# Presentations + Q&A

- For the Keynote we have reserved 10 min for Q&A
- For 30 min talk time for Q&A is 5 minutes
- For Talks lasting 15 min, Q&A is the last 3 minutes
- Tip:
  - Write down questions and ask them at the end

**Slides will be posted online later**  
No worries that no Wi-Fi is available

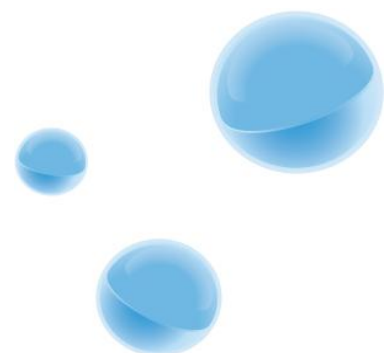


# Best Q&A gets

- We have 70 t-shirts
- 25 Varnish 4GB USB disks for best questions
- Varnish Stickers for everyone!



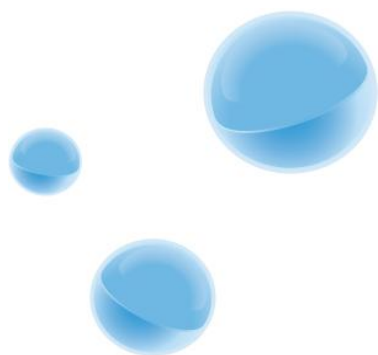
**It's ok we all love that bunny!**





# And now...

**Lasse's 2 minutes of fame**  
1 minute is enough for me



# 2 minutes of fame?

HAProxy version 1.5-dev7-75, released 2015-05-11

You have gone full screen. [Exit full screen \(F11\)](#)

## Statistics Report for pid 11599 on 1wt.eu

### > General process information

pid = 11599 (process #1, nbproc = 1)  
uptime = 27d 8h15m03s  
system limits: memmax = unlimited; ulimit-n = 531  
maxsock = 531; maxconn = 250; maxpipes = 0  
current conns = 1; current pipes = 0/0; conn rate = 2/sec  
Running tasks: 1/23; idle = 100 %

active UP  
active UP, going down  
active DOWN, going up  
active or backup DOWN  
active or backup DOWN for maintenance (MAINT)  
backup UP  
backup UP, going down  
backup DOWN, going up  
not checked

Note: UP with load-balancing disabled is reported as "NOLB".

#### Display option:

- [Hide "DOWN" servers](#)
- [Refresh now](#)
- [CSV export](#)

#### External resources:

- [Primary site](#)
- [Updates \(v1.5\)](#)
- [Online manual](#)

#### http-in

	Queue			Session rate			Sessions					Bytes		Denied		Errors			Warnings		Server									
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis	Status	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme	Thrtle	
Frontend				2	39	-	1	27	100	648 880		211 356 954	17 261 956 162	0	0	20 967					OPEN									
IPv4-direct							1	24	100	157 561		57 692 427	4 187 376 913	0	0	4 641					OPEN									
IPv4-cached							0	22	100	469 699		152 434 927	12 865 853 793	0	0	4					OPEN									
IPv6-direct							0	12	100	21 620		1 229 600	208 732 251	0	0	16 322					OPEN									
local							0	0	100	0		0	0	0	0	0					OPEN									

#### www

	Queue			Session rate			Sessions					Bytes		Denied		Errors			Warnings		Server									
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis	Status	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme	Thrtle	
www	0	0	-	1	39		0	20	20	514 142	514 137	189 073 812	16 594 122 450		0		0	3	0	0	27d8h UP	L7OK/200 in 3ms	1	Y	-	0	0	0s	-	
bck	0	0	-	0	0		0	0	10	0	0	0	0		0		0	0	0	0	27d8h UP	L7OK/200 in 2ms	1	-	Y	0	0	0s	-	
Backend	0	2		1	39		0	23	100	514 186	514 137	189 084 705	16 594 130 722	0	0		0	3	0	0	27d8h UP		1	1	1		0	0s		

#### git

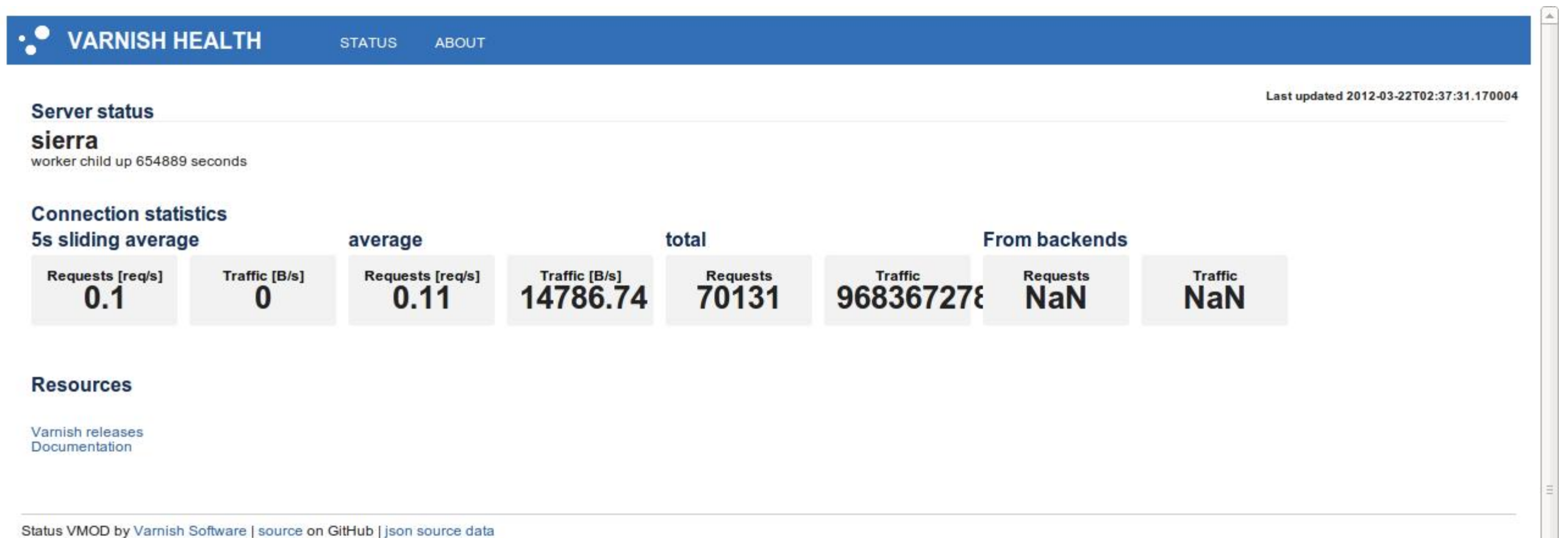
	Queue			Session rate			Sessions					Bytes		Denied		Errors			Warnings		Server									
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis	Status	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme	Thrtle	
www	0	0	-	0	2		0	2	2	5 043	4 810	2 297 218	515 312 483		0		0	0	0	0	27d8h UP	L7OK/200 in 3ms	1	Y	-	0	0	0s	-	
bck	0	0	-	0	0		0	0	2	0	0	0	0		0		0	0	0	0	27d8h UP	L7OK/200 in 2ms	1	-	Y	0	0	0s	-	
Backend	0	6		0	8		0	8	2	5 043	4 810	2 369 642	515 312 483	0	0		0	0	0	0	27d8h UP		1	1	1		0	0s		

#### demo

	Queue			Session rate			Sessions					Bytes		Denied		Errors			Warnings		Server									
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis	Status	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme	Thrtle	
Backend	0	0		1	6		1	3	10	7 714	0	2 552 508	125 621 833	0	0		0	0	0	0	27d8h UP		0	0	0		0			

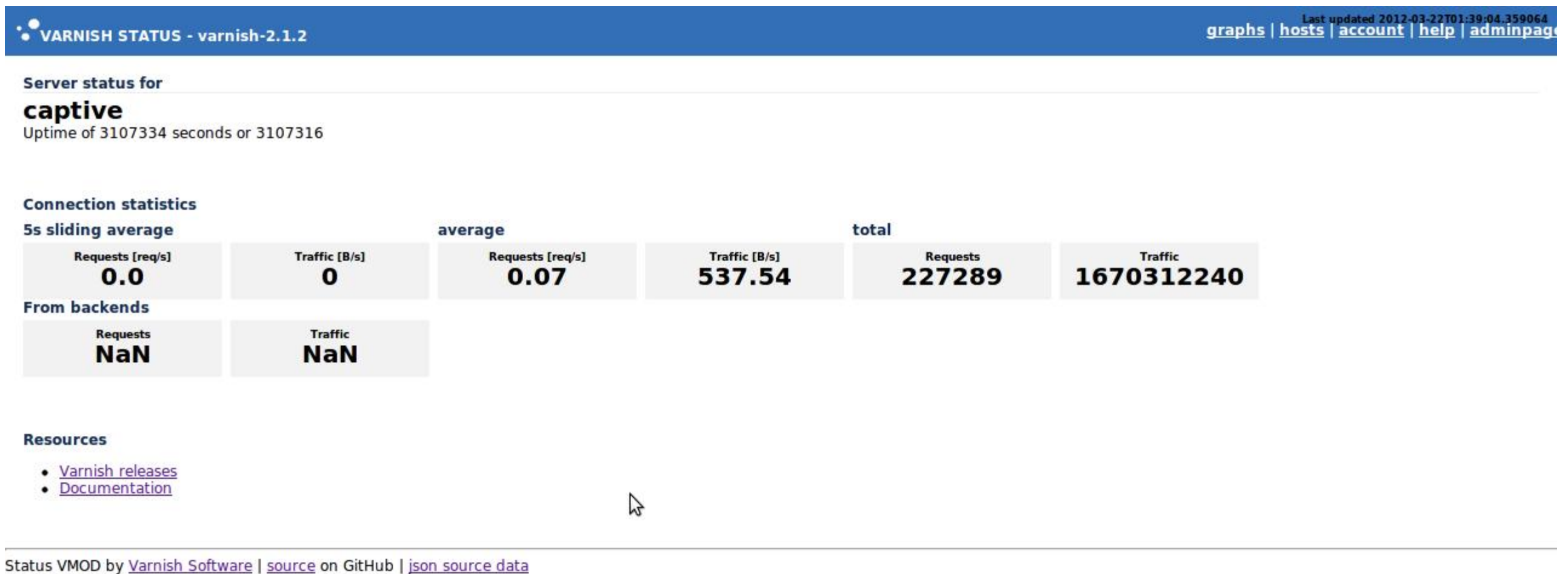
Since March last year @NYTimes  
I have an itch...

# Varnish Status Web GUI?



**varnishstat on 3.0 is quite useful**  
Want to graph that?

# Varnish Status Web GUI?



It works somewhat on 2.1 also  
Nice, ha?

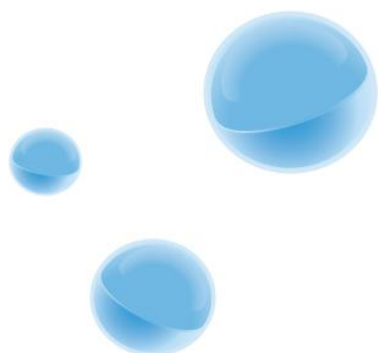
# Have the same itch?

Lasse does, and he has now made the first iteration. **And it lives at Github:**

<https://github.com/lkarsten/libvmod-status>

**Helps us making it awesome!**

Yes, it's FreeBSD licensed





# Contact information

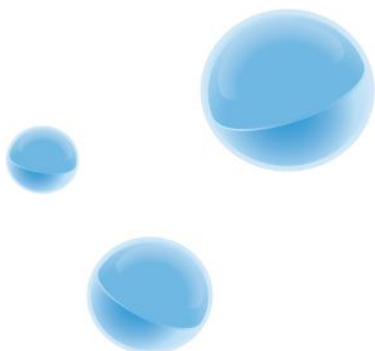


Rubén Romero

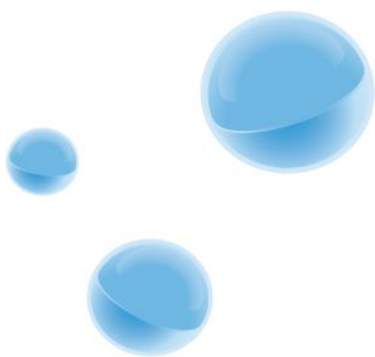
ruben@varnish-software.com

+47 959 64 088

<http://www.varnish-software.com>



# Thanks!





# VARNISH

Makes Websites Fly