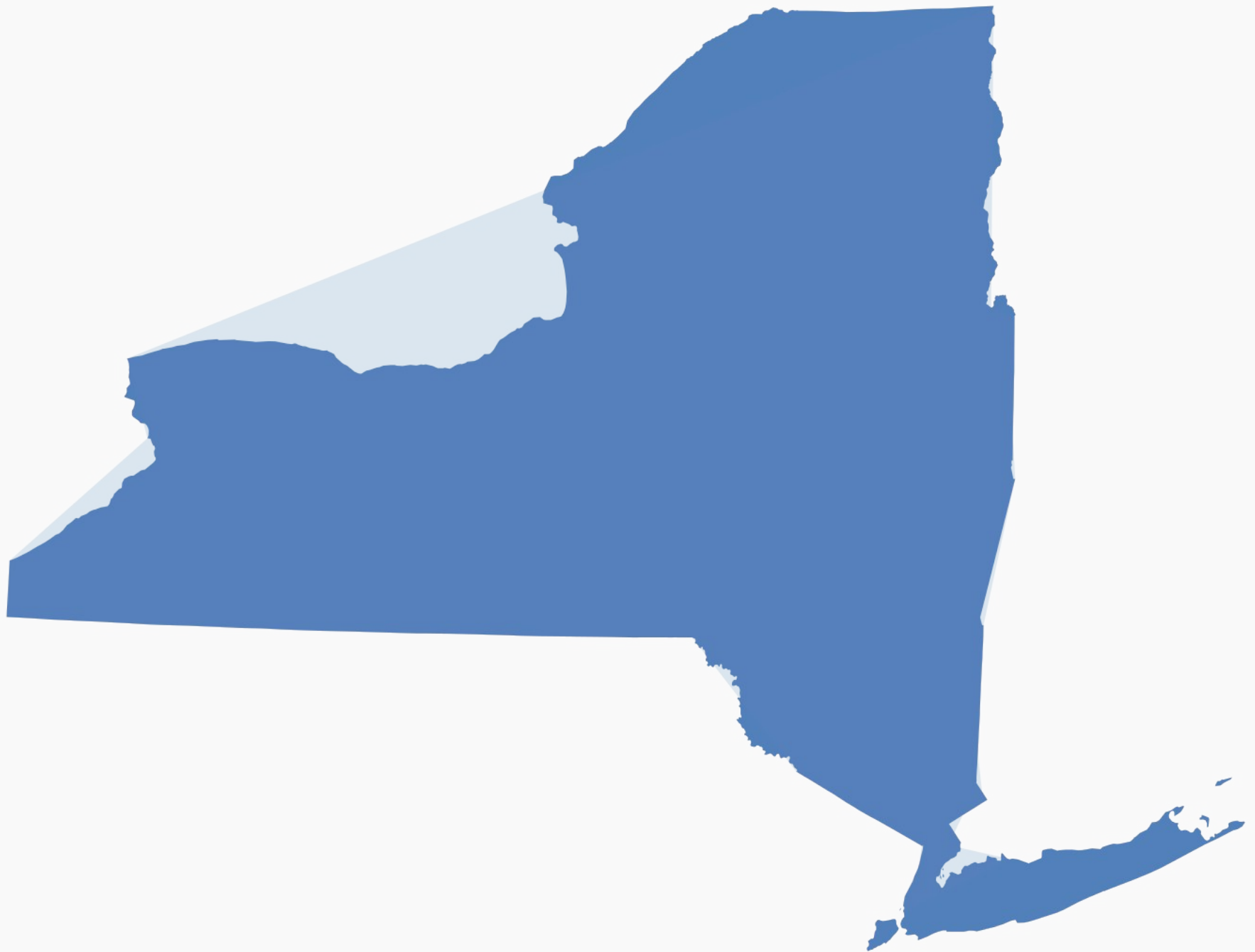




The State of Fedora

Flock, 2015 — Rochester, NY

Presented by
Matthew Miller
Fedora Project Leader



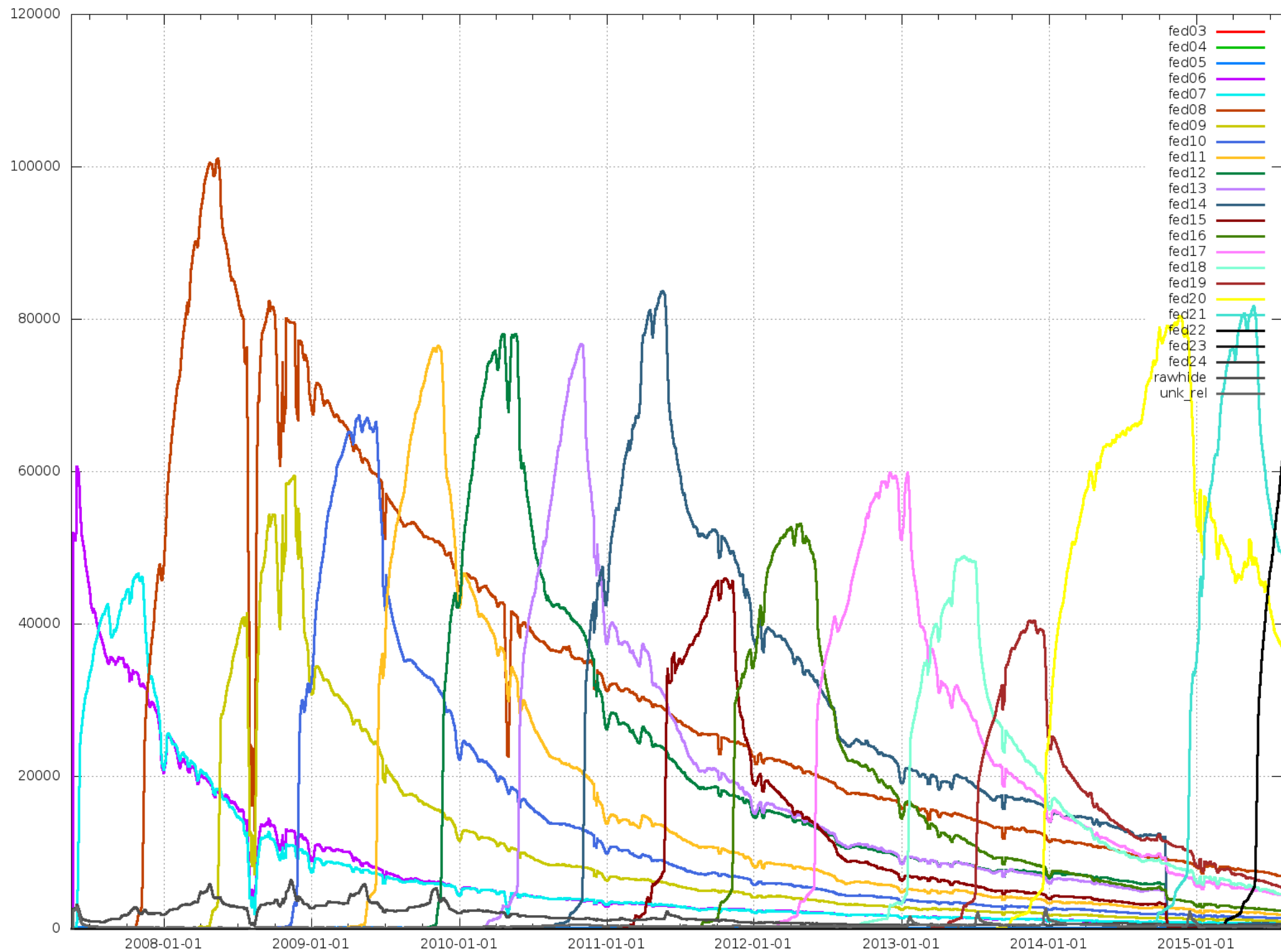
THE STATE OF
FEDORA IS:
AWESOME



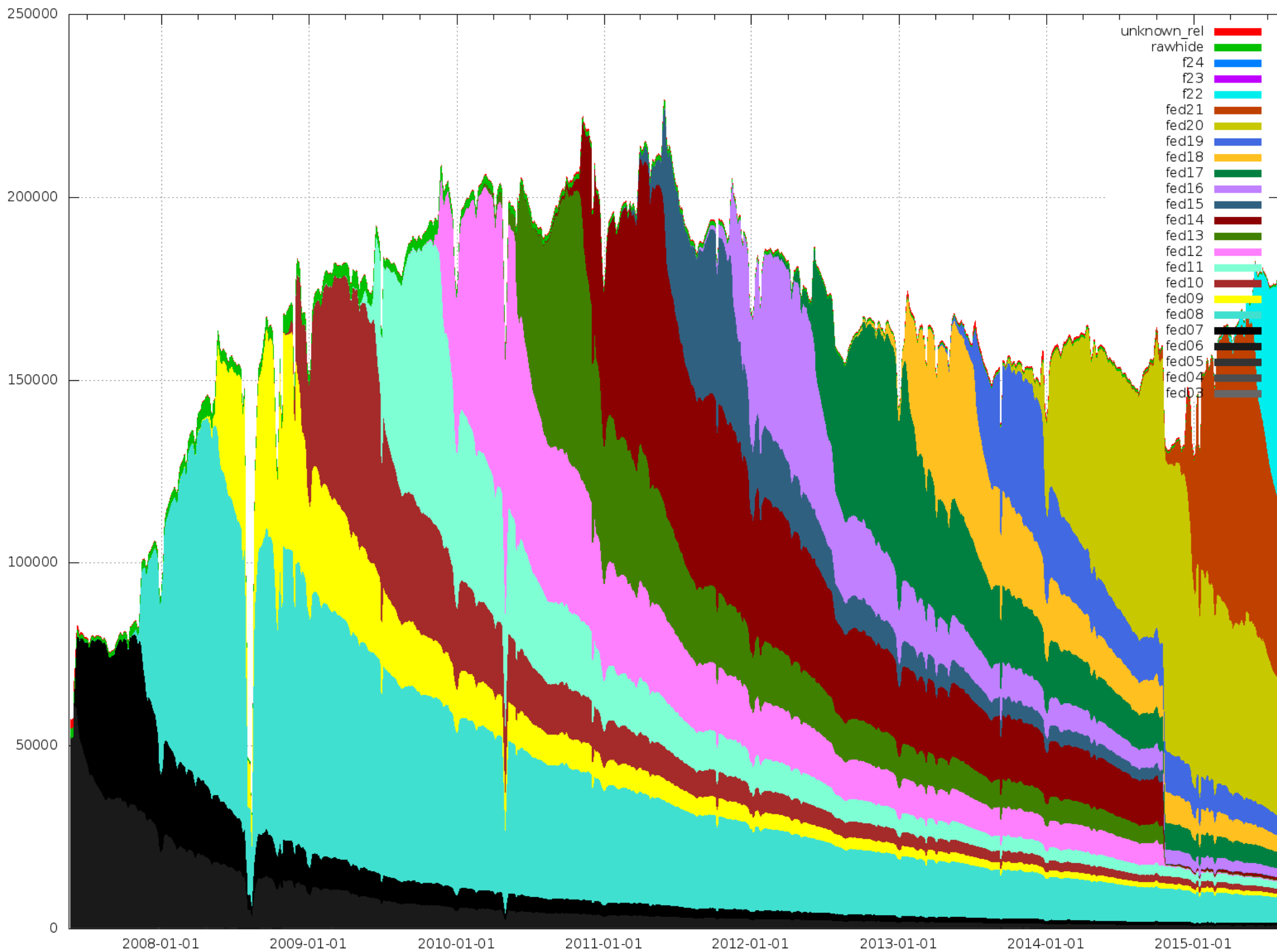


VELOCIRAPTOR

Fedora OS Yum Unique IPs (7 days moving average)

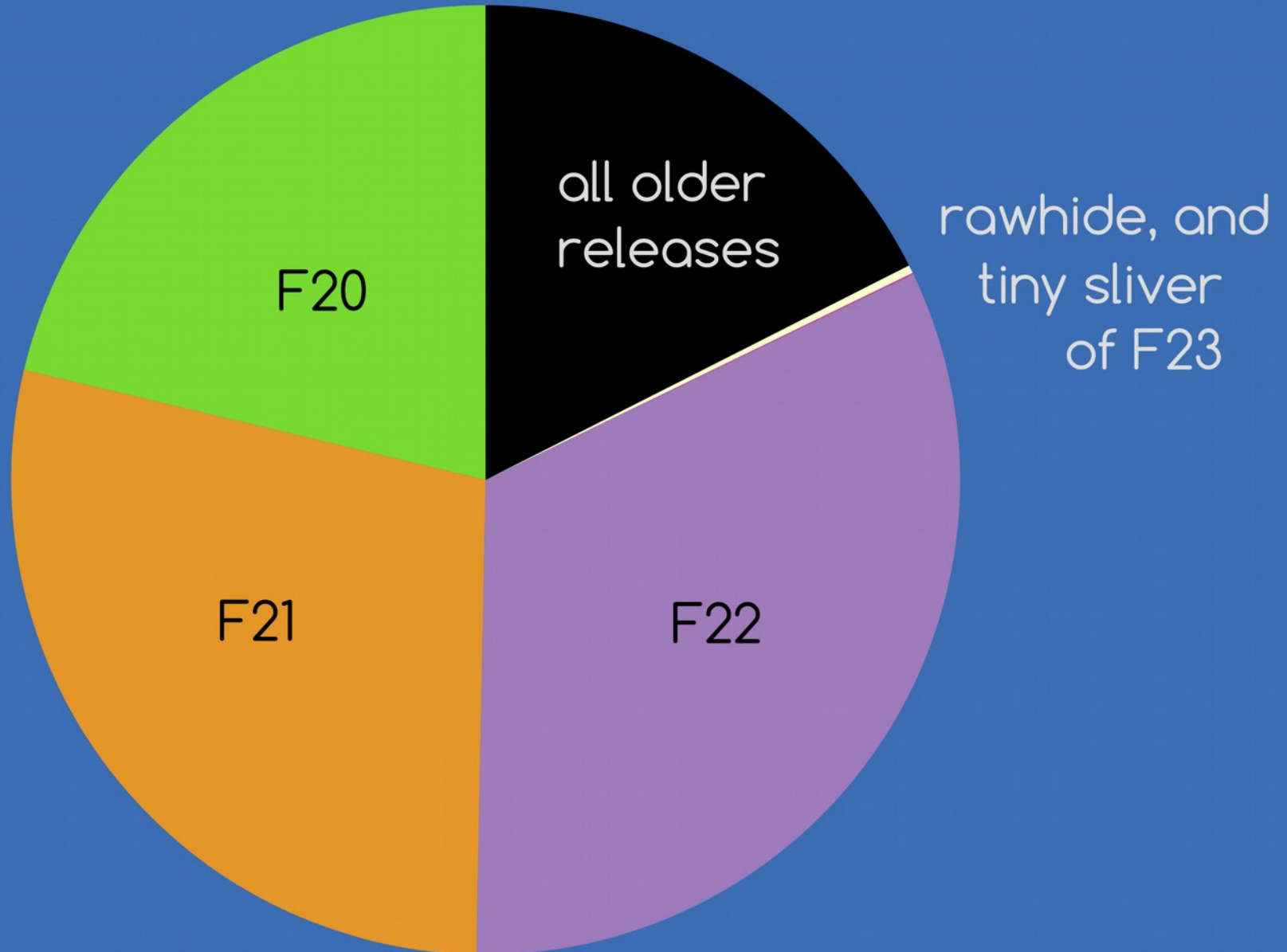


Fedora Yum Unique IPs (7 day moving avg)

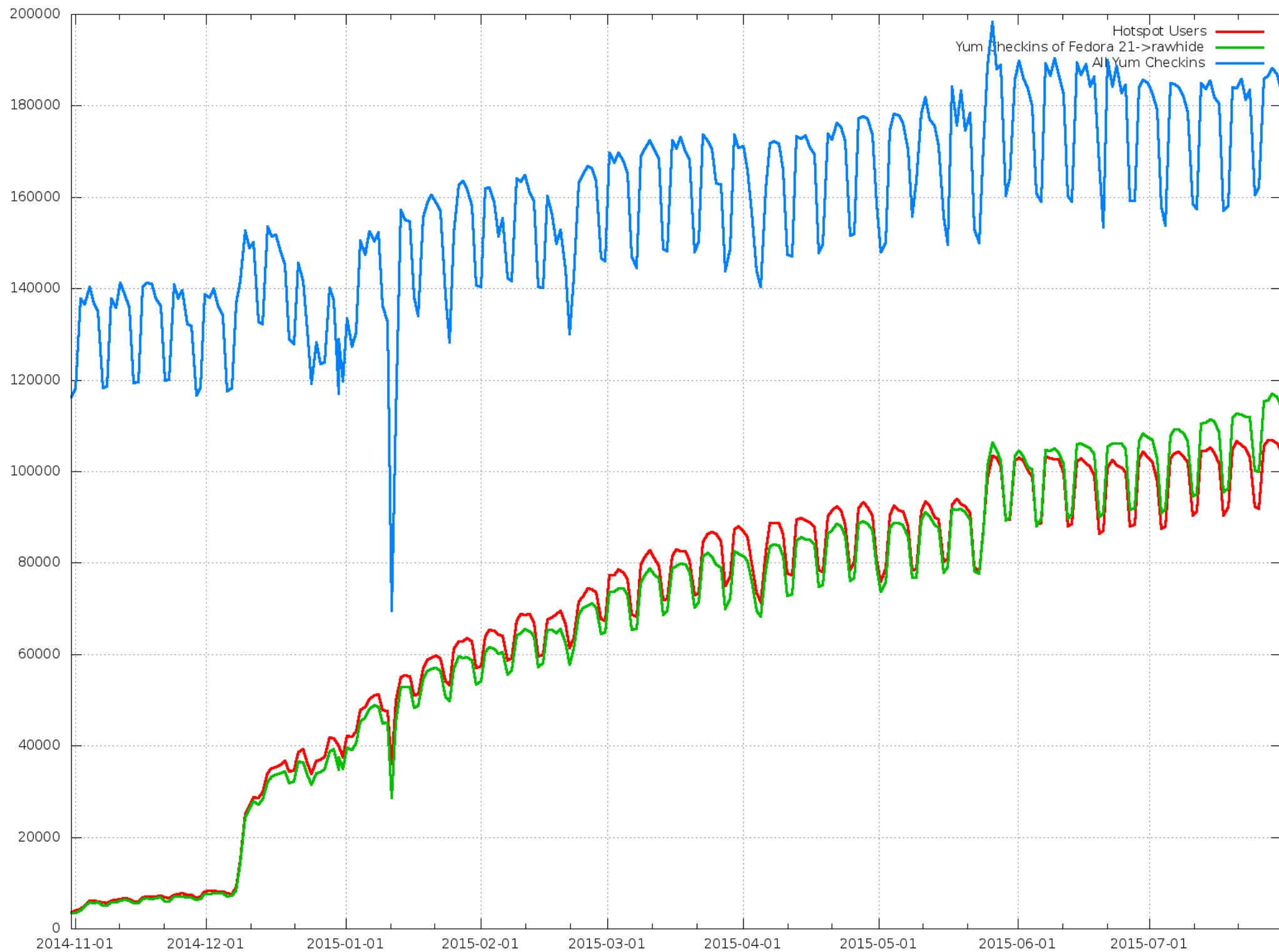


The Pie of the Month

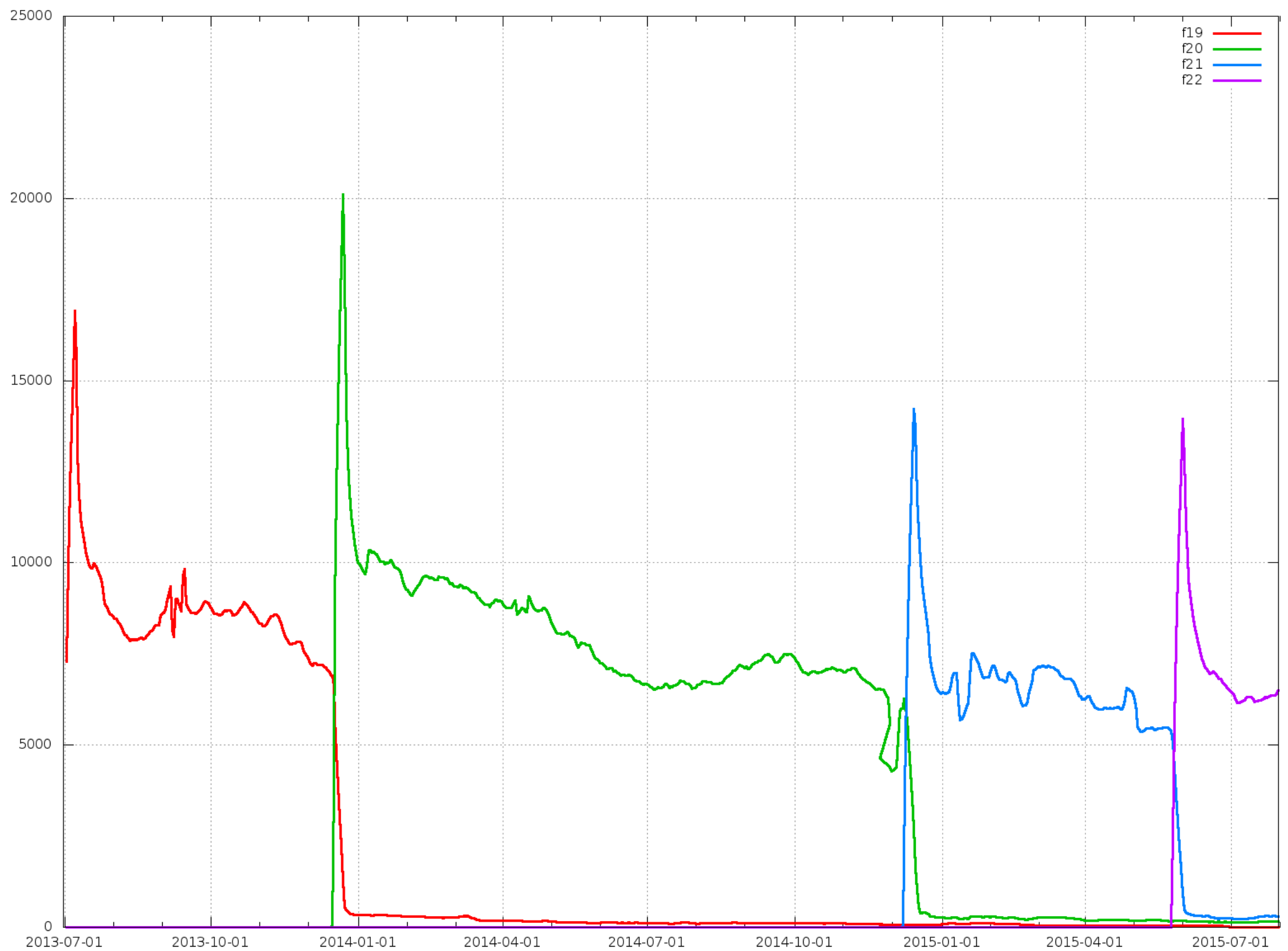
(yum connections for the 31 days right before... last week)



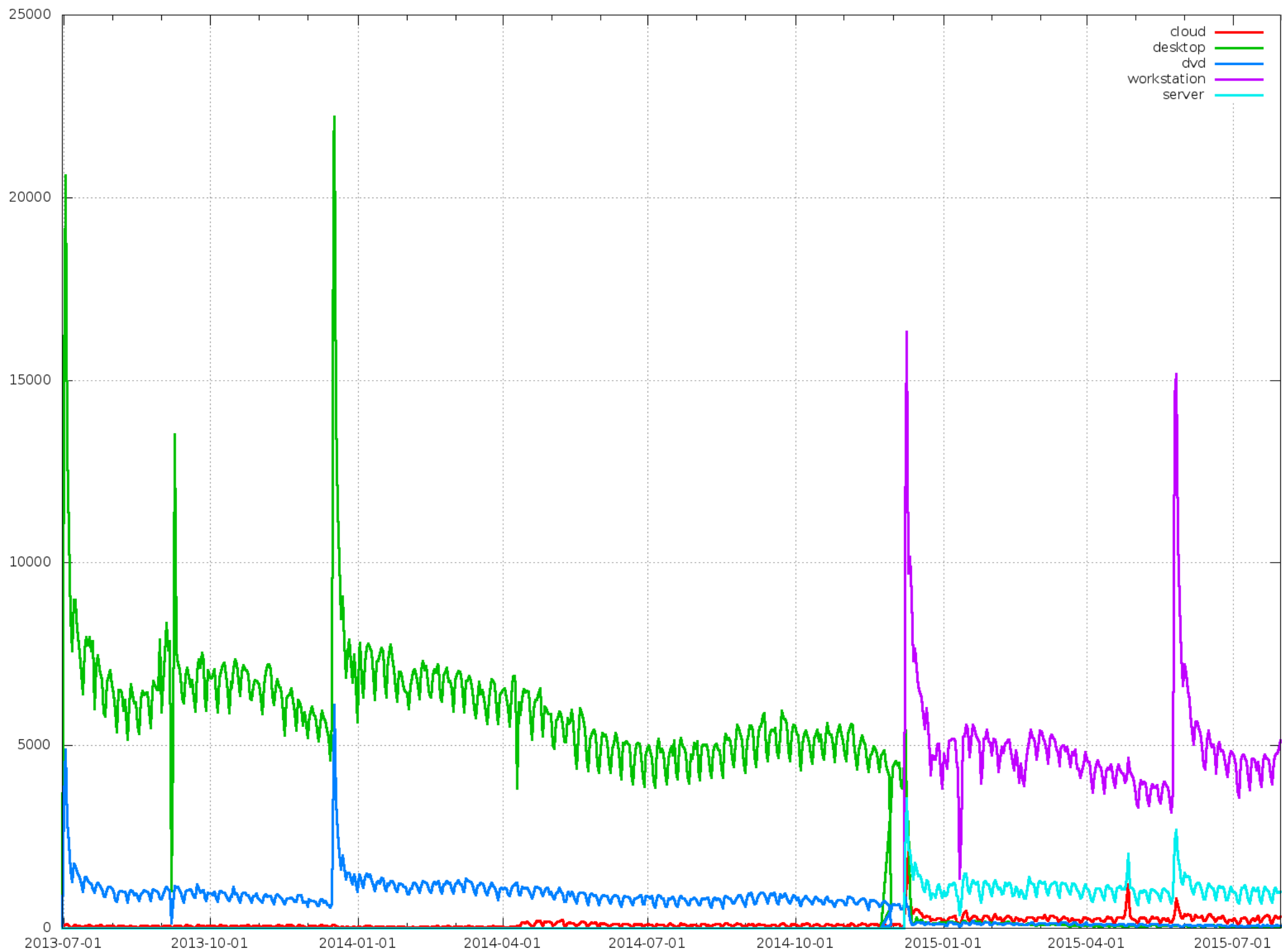
Comparison of Hotspot versus Yum Checkins (2014->now)



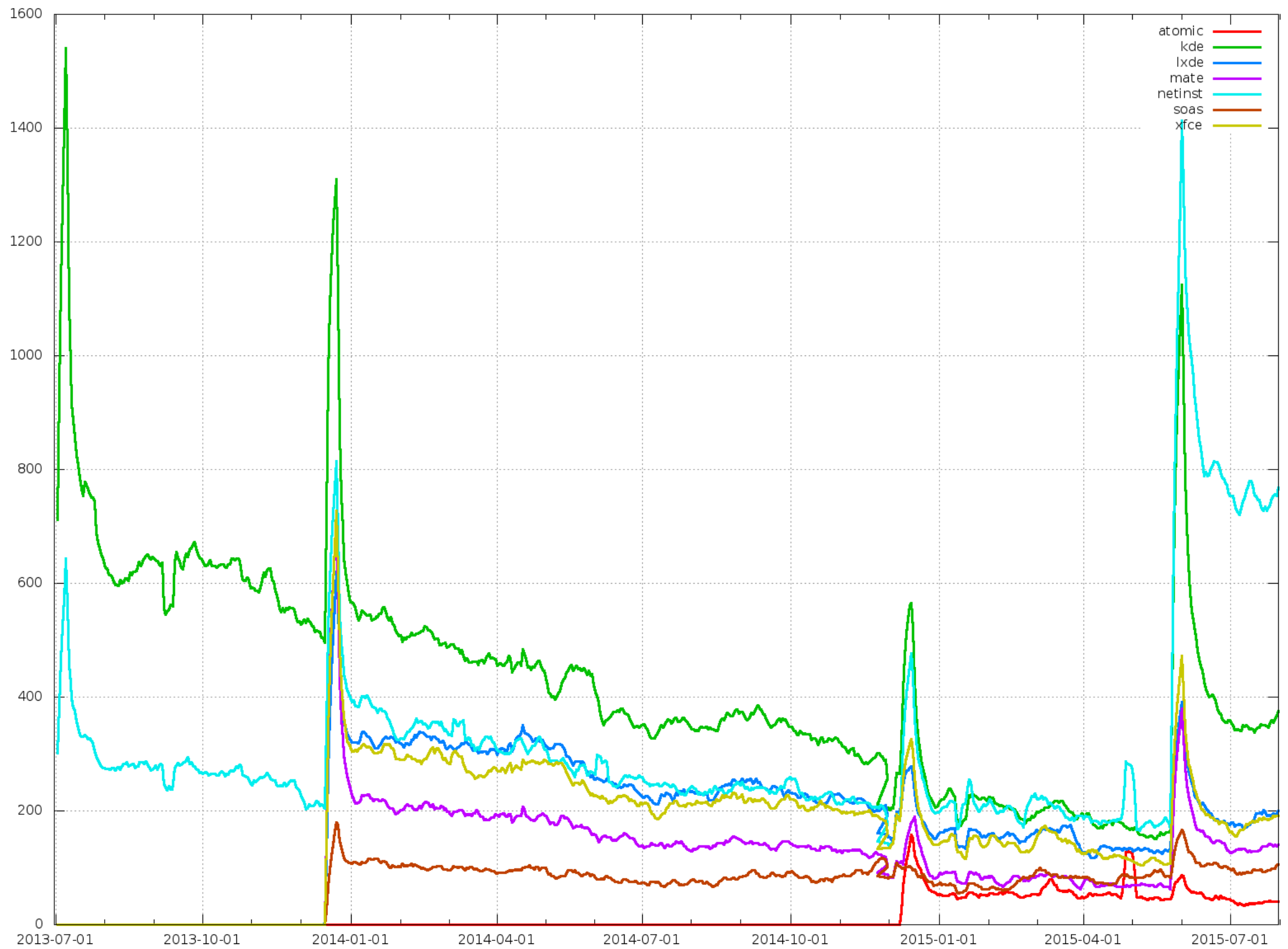
ISO Release Requests (7 day moving average)



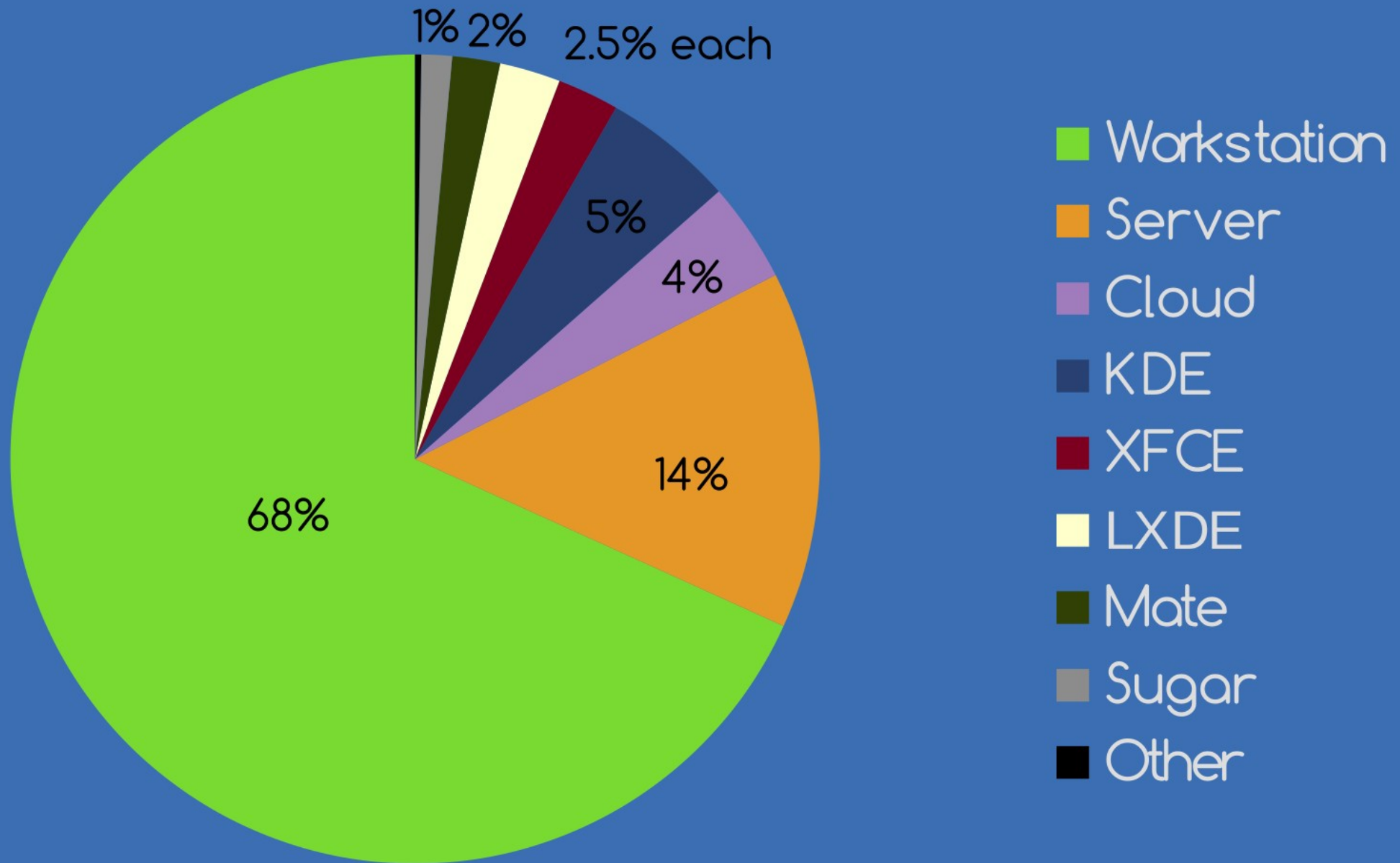
ISO Edition Requests (Unique IPs/day)



ISO Spin Requests (7 day moving average)

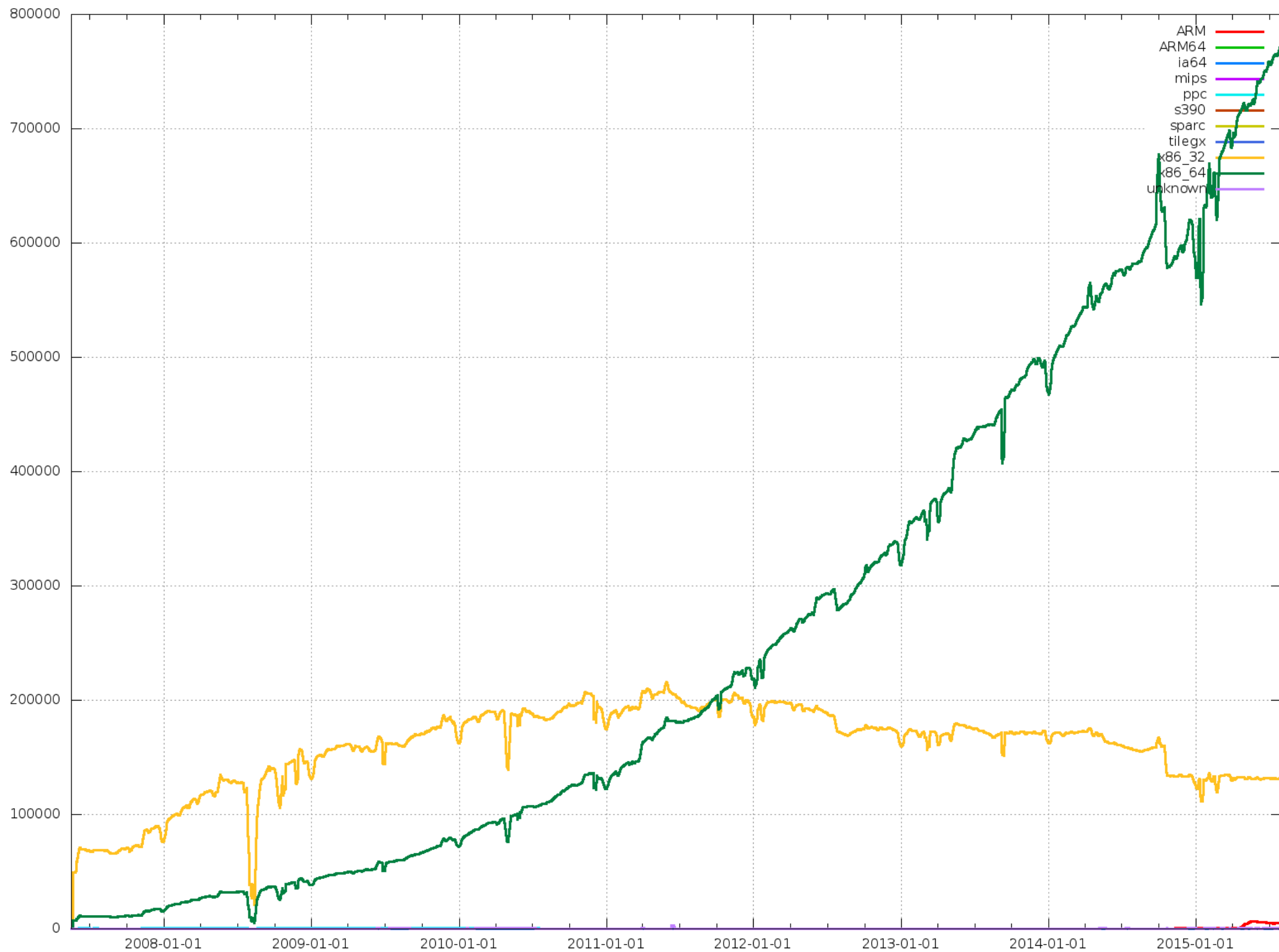


ISO downloads in F22-Flock timeframe

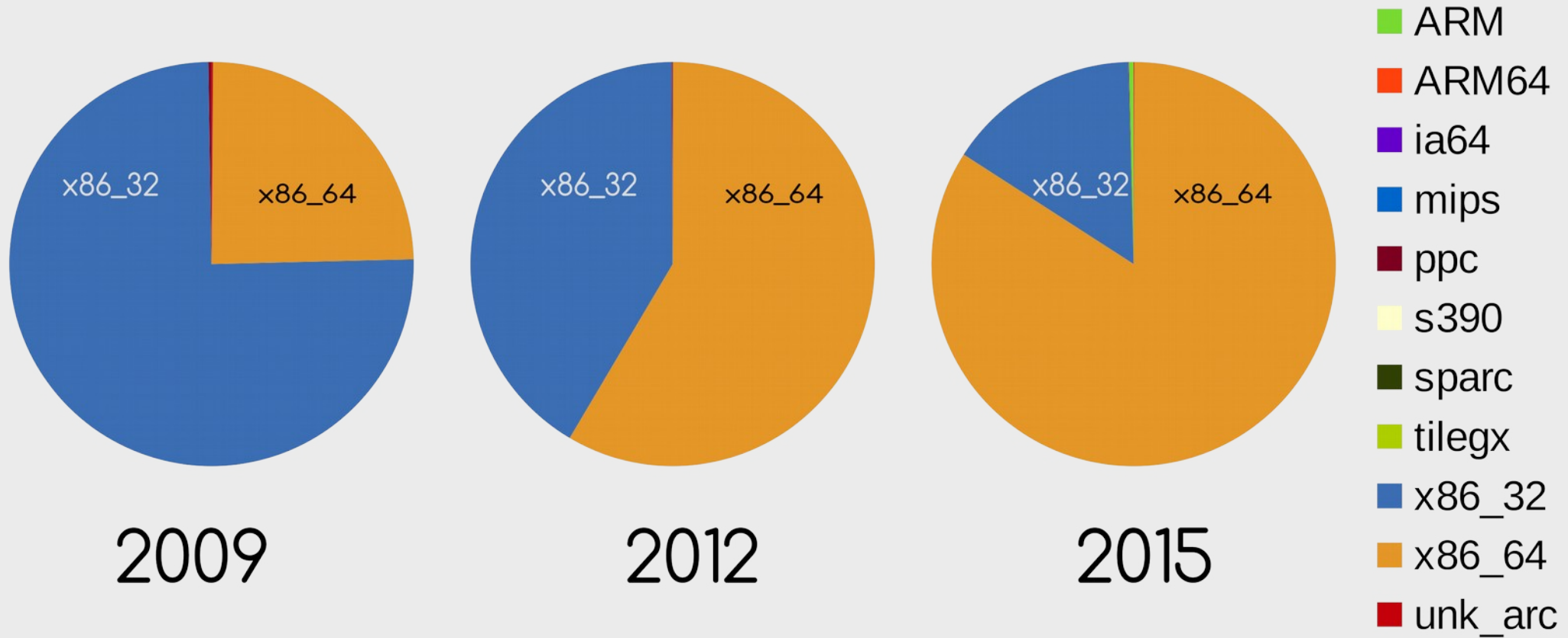


Caveats: IP address counting is inherently sketchy. And, downloads don't tell us if something was actually used for one, zero, a thousand, or a million Fedora installs.

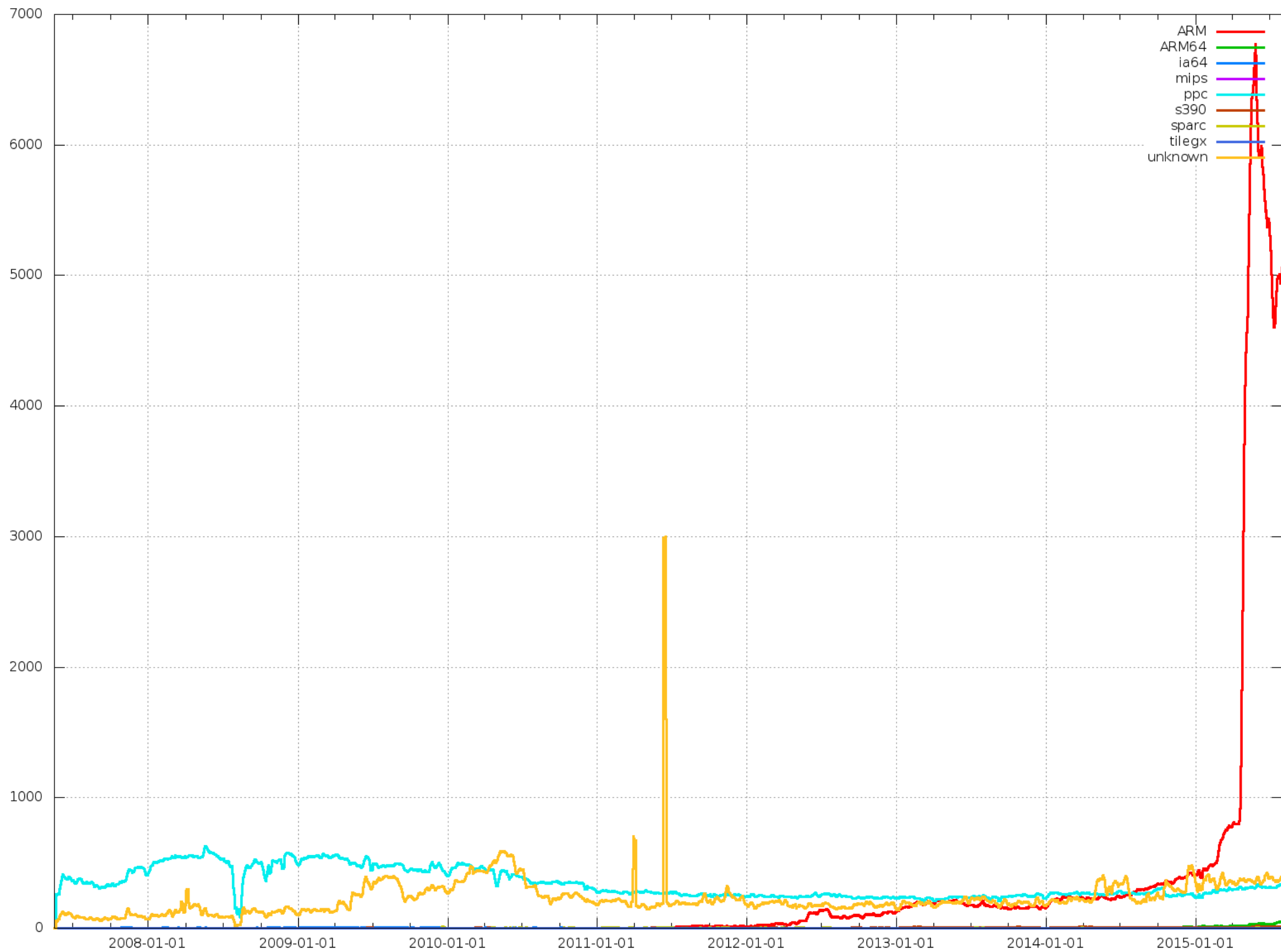
Fedora Hardware via Unique IPs (7 days moving average)



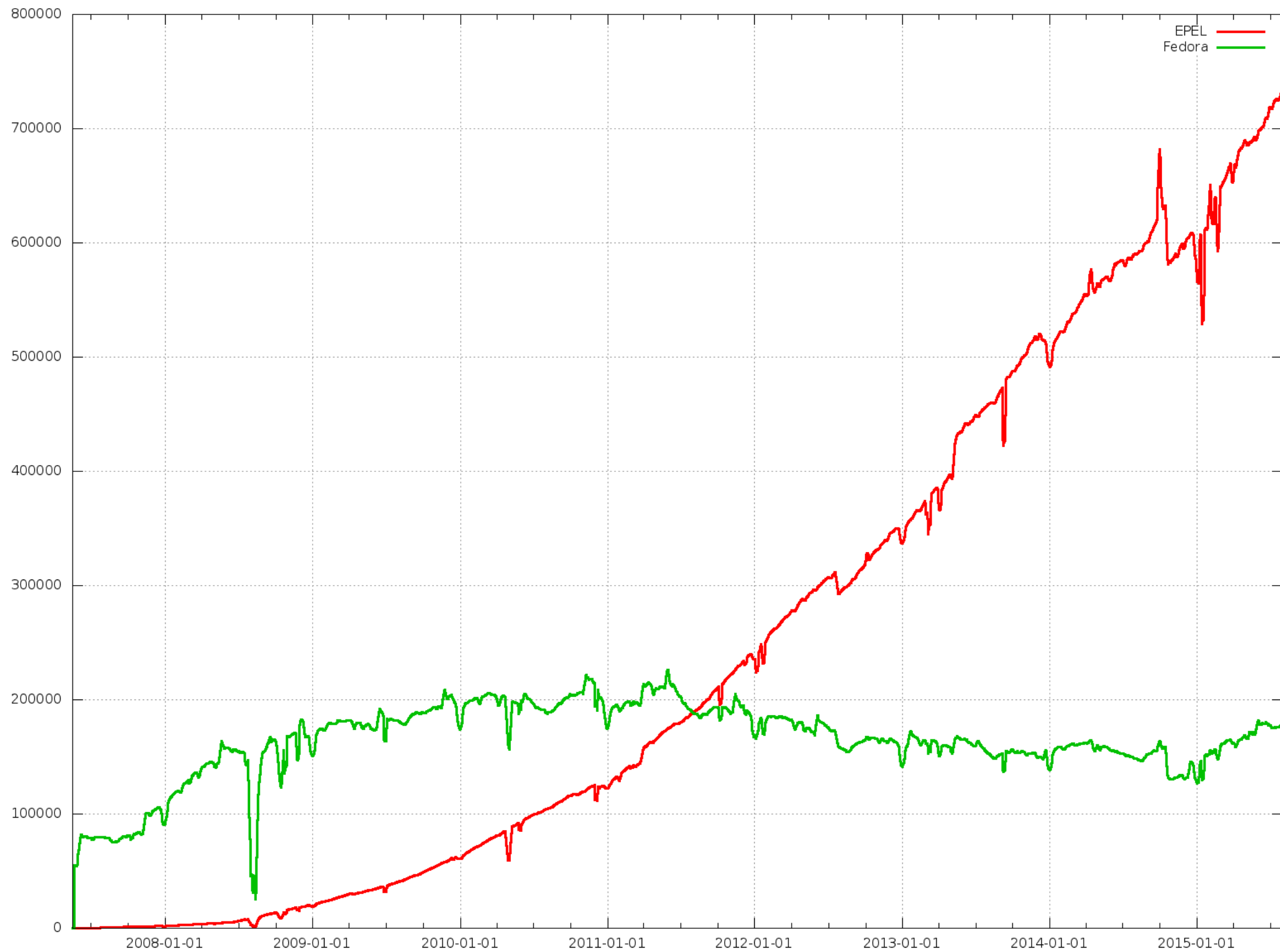
CPU Architecture Pie



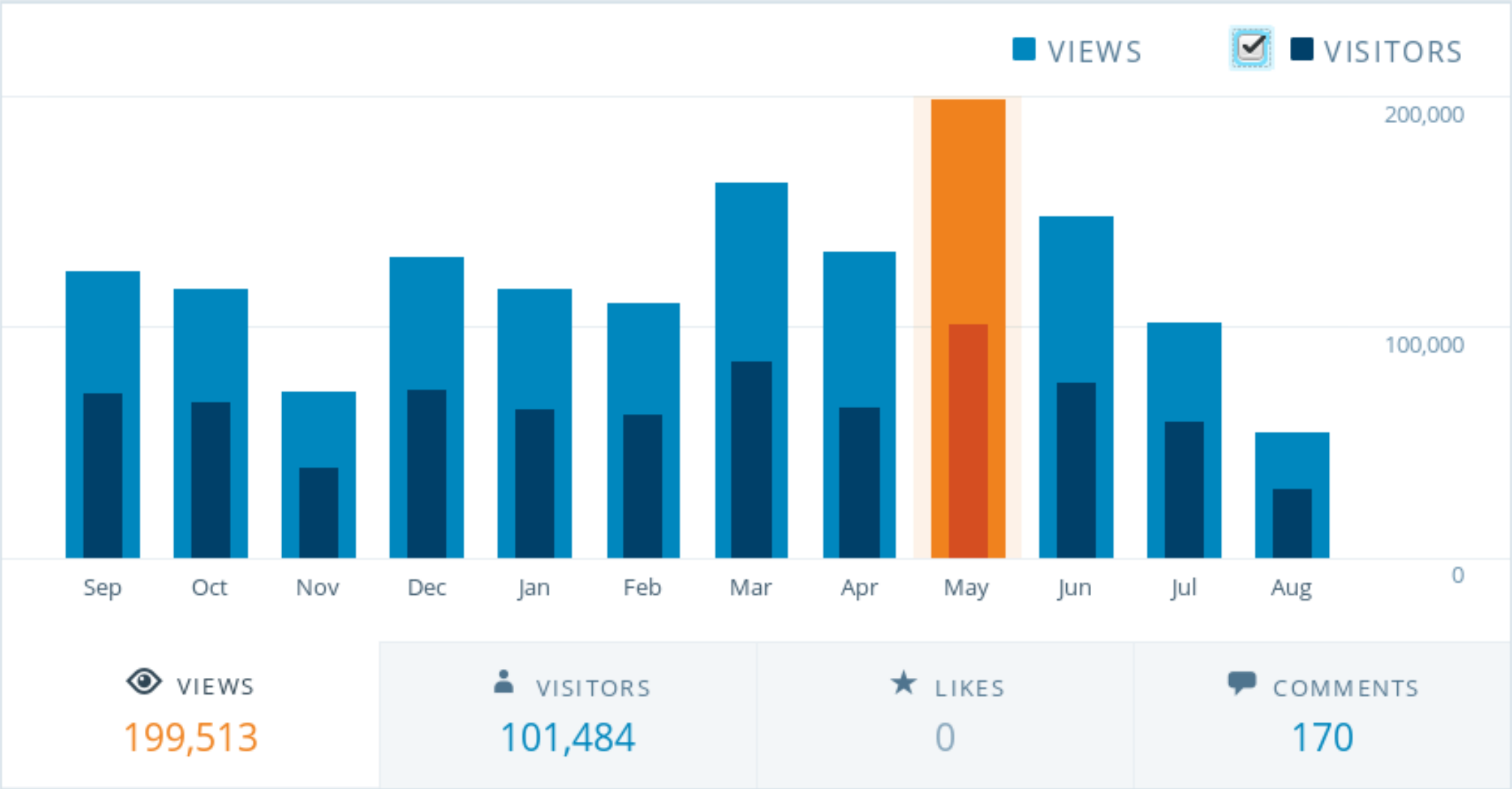
Fedora Secondary via Unique IPs (7 days moving average)

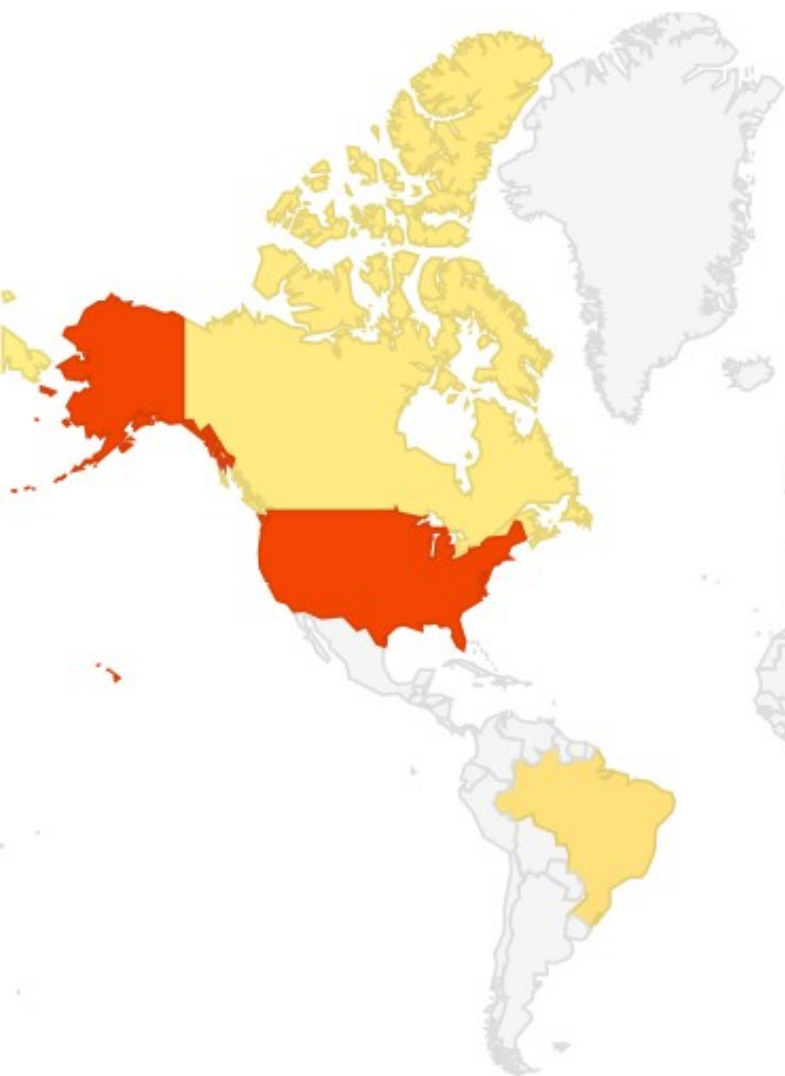


Fedora Epel Totals Unique IPs (7 days moving average)



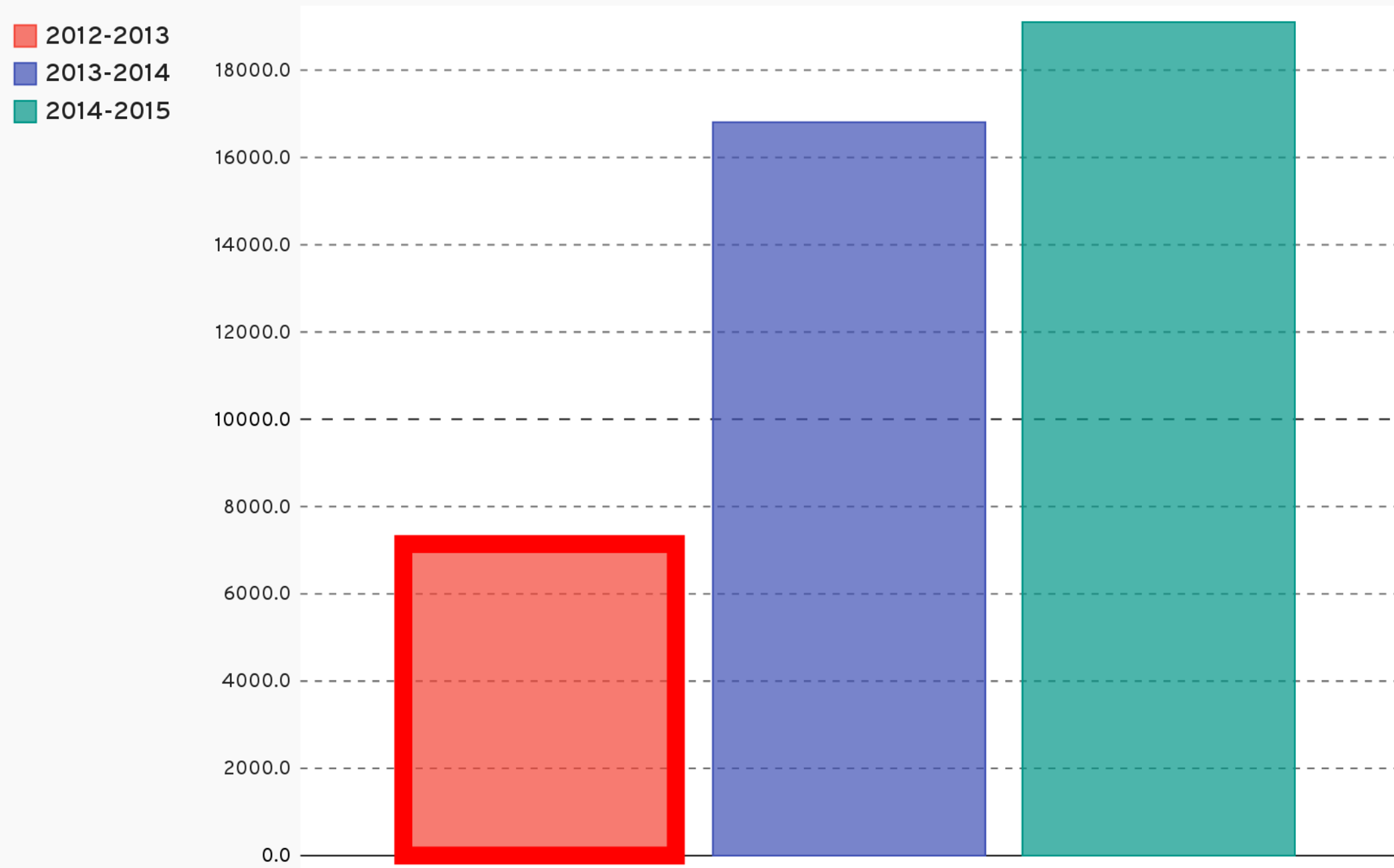






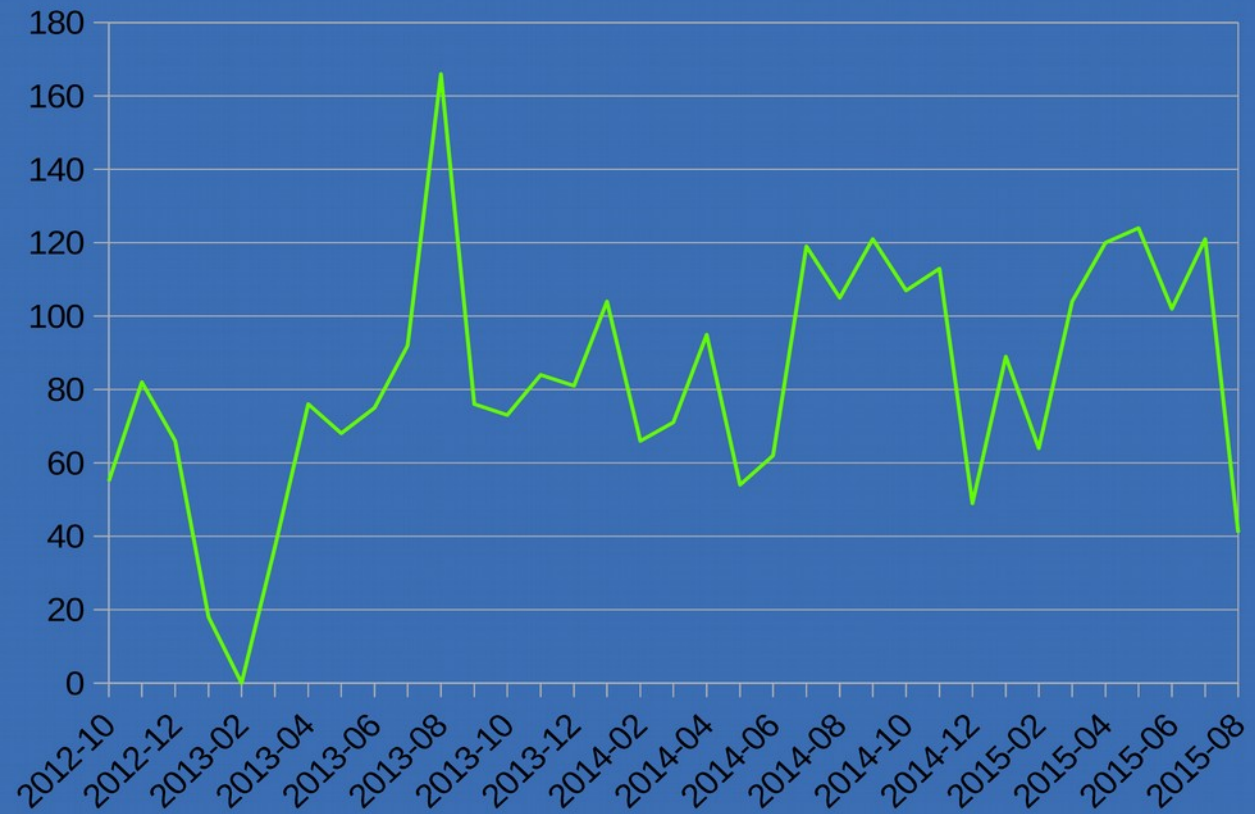
	United States	255,444
	Germany	61,612
	United Kingdom	48,867
	India	44,338
	Brazil	43,861
	France	38,989
	Italy	34,008
	Canada	32,301
	Russia	25,481
	Poland	24,077
	Spain	22,636
	Australia	20,700
	Netherlands	18,840
	Czech Republic	18,049
	Mexico	16,249
	Japan	14,838
	China	14,402
	Sweden	13,033
	Switzerland	9,057
	Belgium	8,947

Bodhi Karma, YoY on August



*2012 missing 2 months of fedmsg data (Datagrepper not deployed until October 9th)

SO.
MANY.
MEETINGS.

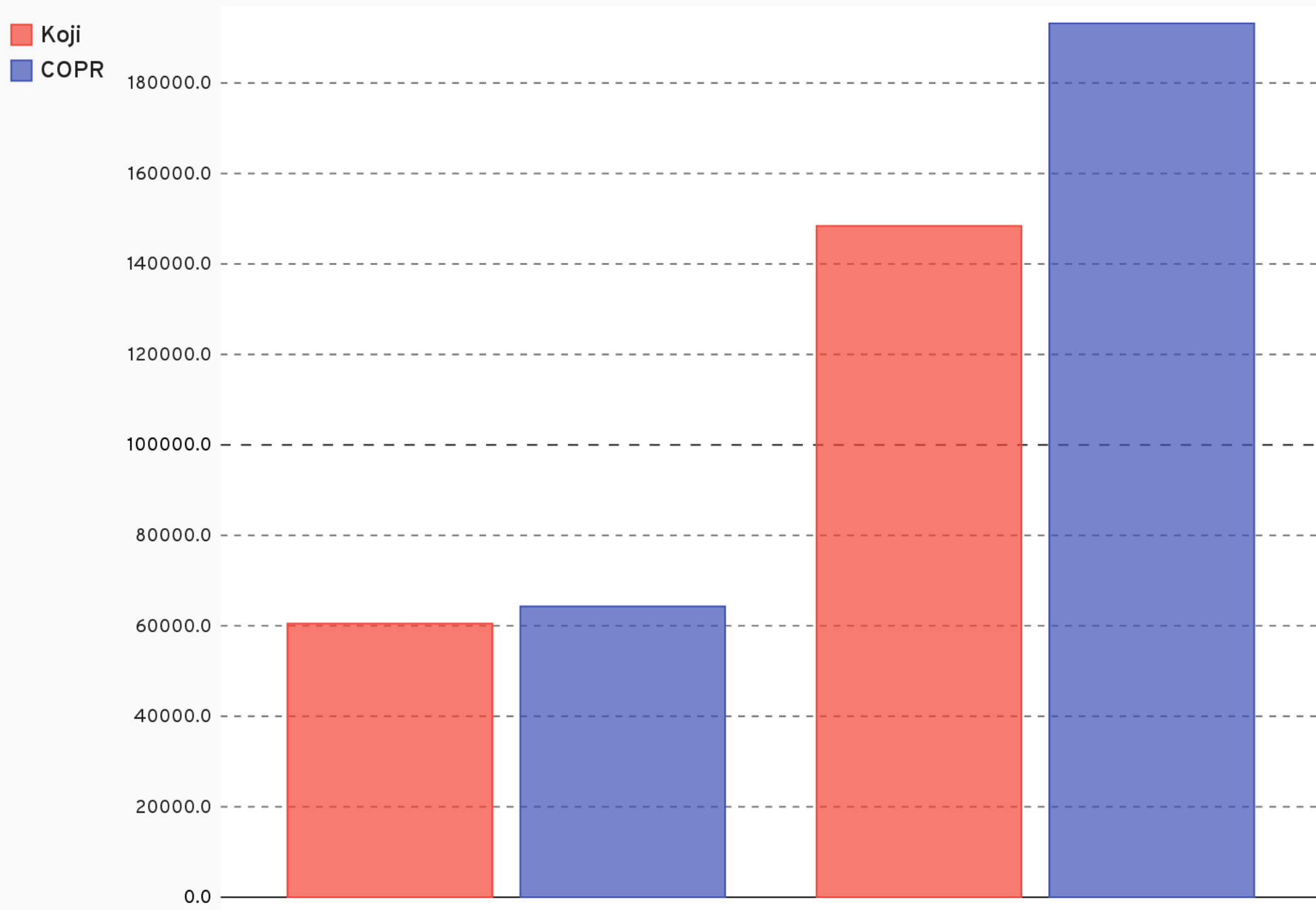


In 2013: 846

In 2014: 1066

In 2015 so far: 765

Koji v COPR Builds, YoY on August



Fedora 23 Alpha

Fedora 23 Introduces New Security and Systems Management Features for Workstation, Server and Cloud

ROCHESTER, NY – Today the Fedora Project, a diverse global collection of developers, hackers, sysadmins, Linux enthusiasts, designers, testers, writers, translators and all-around awesome people released Fedora 23, the latest version of the famed Linux-based operating system distribution. This release comes in Workstation, Server, and Cloud editions, and also includes *Spins*, featuring alternate desktop technology, and *Labs*, which are collections of software tailored for specific user needs.

Fedora 23 has a particular focus on improvements to user security. Packages have been built with extra hardening flags, reducing the avenues attackers can use for privilege escalation. Old, insecure cyphers are no longer enabled, protecting users from

online spies.

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Fedora developers have also improved various tools for managing systems, with a Fedora server roles leveraging container technology, and new Cockpit GUI for the Domain Controller role. In Fedora 23, the Fedora Cloud base image will provide updated security information in the message of the day, and Fedora Workstation will have new



COUNCIL



The logic model

/=====+=====+=====++=====+=====\ Resources Activities Outputs Outcomes Impact +-----+-----+-----++-----+-----+					 +-----+-----+-----++-----+-----+				
What we have: time, money, code, hardware...					What we do with our resources				
The direct products of our activities					The specific change in the world due to those outputs				
Mission and vision; our long term effect									
+=====+=====+=====++=====+=====+					+=====+=====+=====++=====+=====+				
Things we can affect directly					Out of our direct control				
+=====+=====+=====++=====+=====+					+=====+=====+=====++=====+=====+				
<----- planning flows right to left -----<									
+=====+=====+=====++=====+=====+					+=====+=====+=====++=====+=====+				
>----- effort flows left to right ----->									
\+=====+=====+=====++=====+=====+					/				

Come to LinuxCon next week for my whole talk on this!

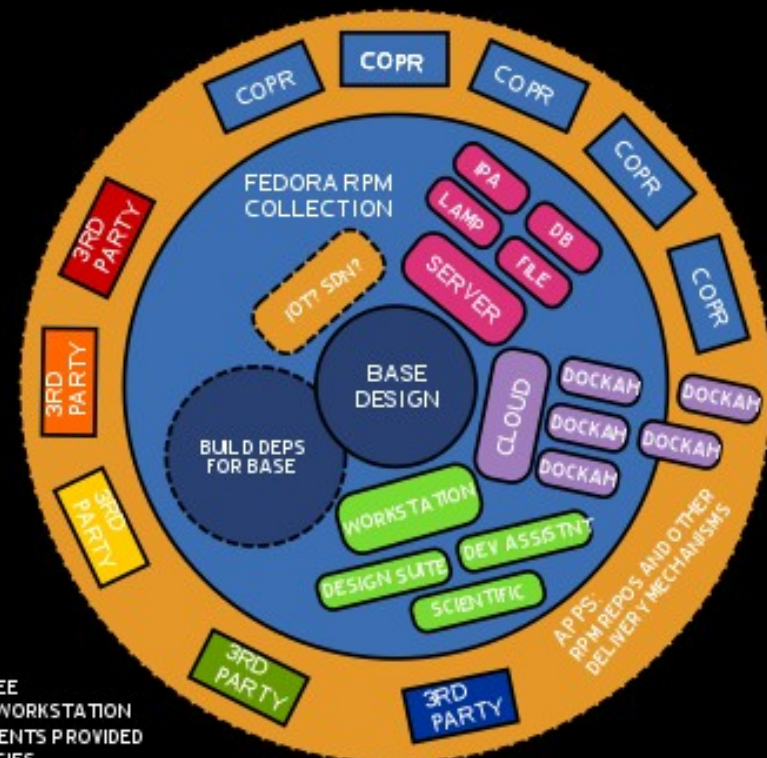
A slide without pictures!

We can use our official objectives to:

- Provide focus for FUDCons and Flock
- Plan travel funding
- Prioritize spending for FADs and marketing
- In fact, budget decisions in general
- Focus our marketing efforts
- In fact, help prioritize in general



SPRING 2015



BASE DESIGN AS RPM-OSTREE
WITH SERVER, CLOUD, AND WORKSTATION
AS OVERLAYS; SUBCOMPONENTS PROVIDED
VIA CONTAINER TECHNOLOGIES



Where next?





Platinum:



Bronze:



Gold:



Silver:



Whooo!

Flock sponsors,
we love you!



The State of Fedora

Flock, 2015 — Rochester, NY

Presented by
Matthew Miller
Fedora Project Leader

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I'm sorry. There won't actually be a lot of puns.



Thanks to Ruth Suehle for Success Panda.

Thanks to EVERYONE for making Fedora. ...

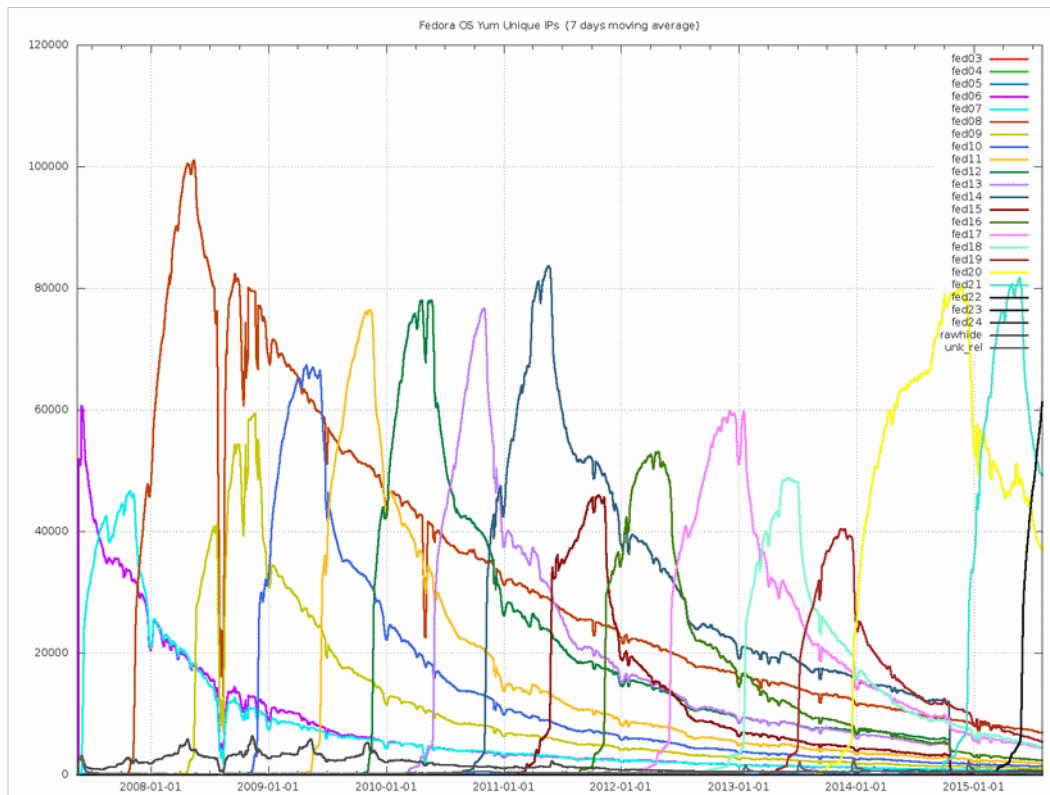
Seriously, we're doing well. And, I'm not just saying this. I have brought numbers!



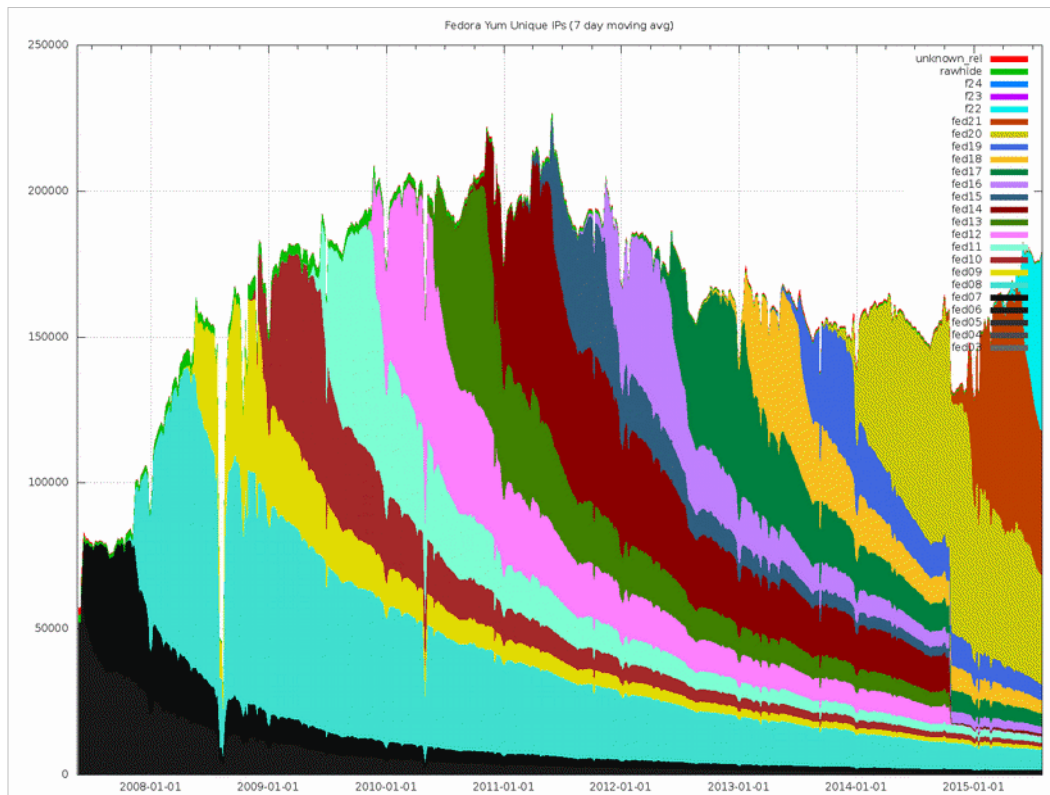
Disclaimer on stats – and thanks to Stephen Smoogen

Image CC AttributionShare Alike Some rights reserved
by Mike Souza

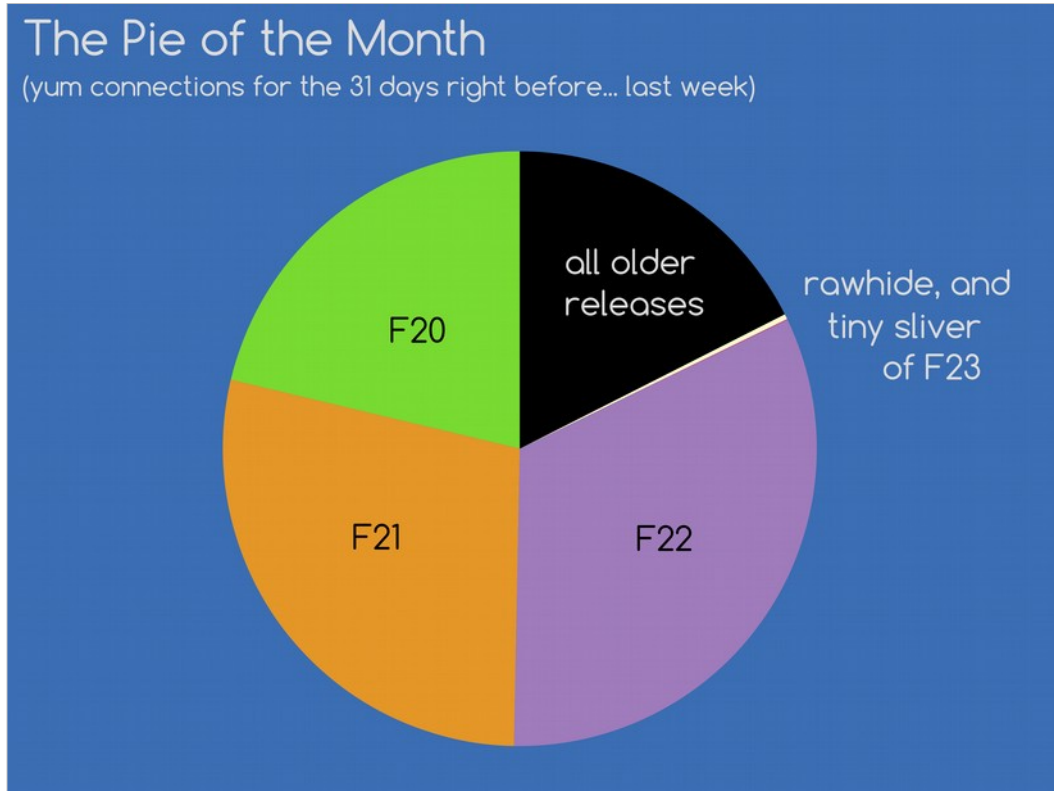
<https://www.flickr.com/photos/zombiesquirrels/3219548008/sizes/o/>



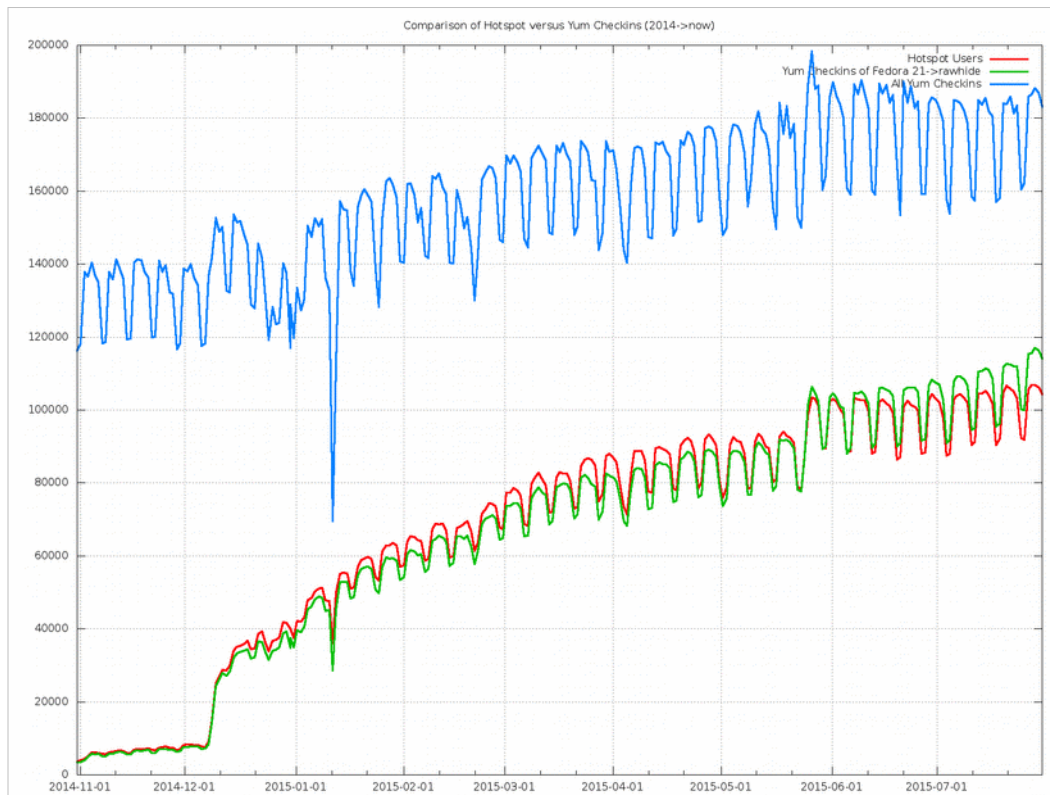
Yum connection stats – one ip per day



A different way of looking at the same data — everything stacked.

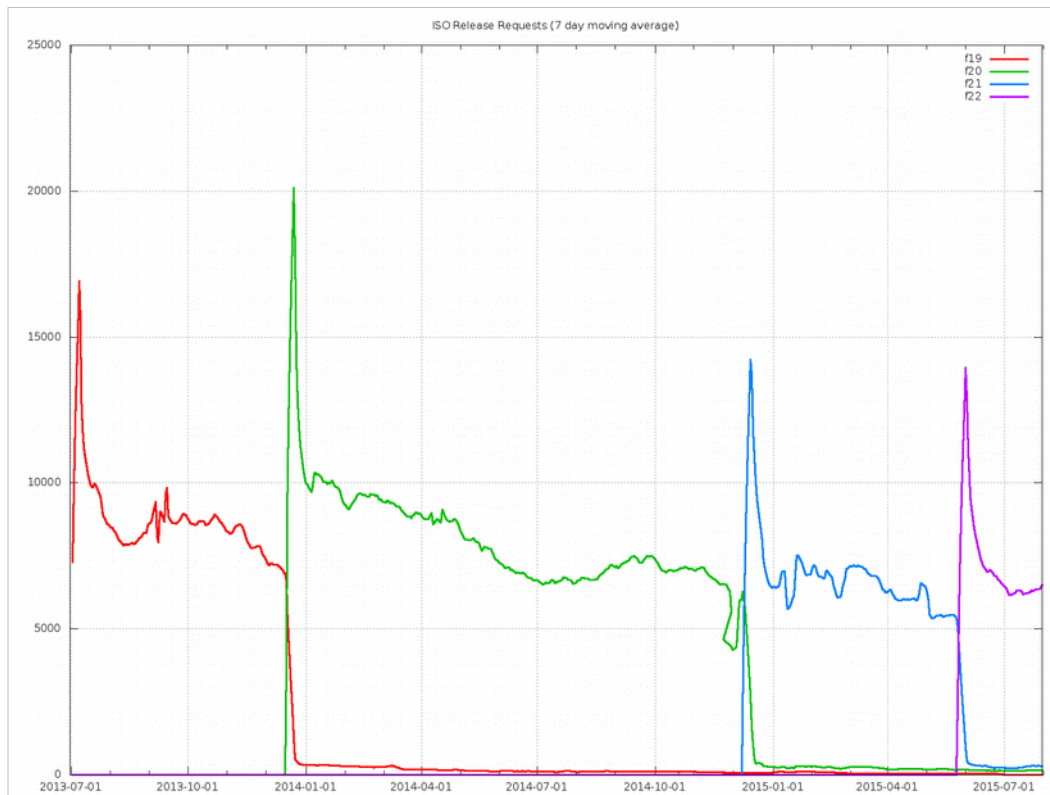


- most of our users stay current – or *currentish*
- beige bit is rawhide, and there's an even smaller f23
- cheers for all the brave souls running rawhide



This is hotspot data from network-manager

- note the horizontal scale is different – only goes back to late 2014
- not moving average, so you can see the impact of weekends



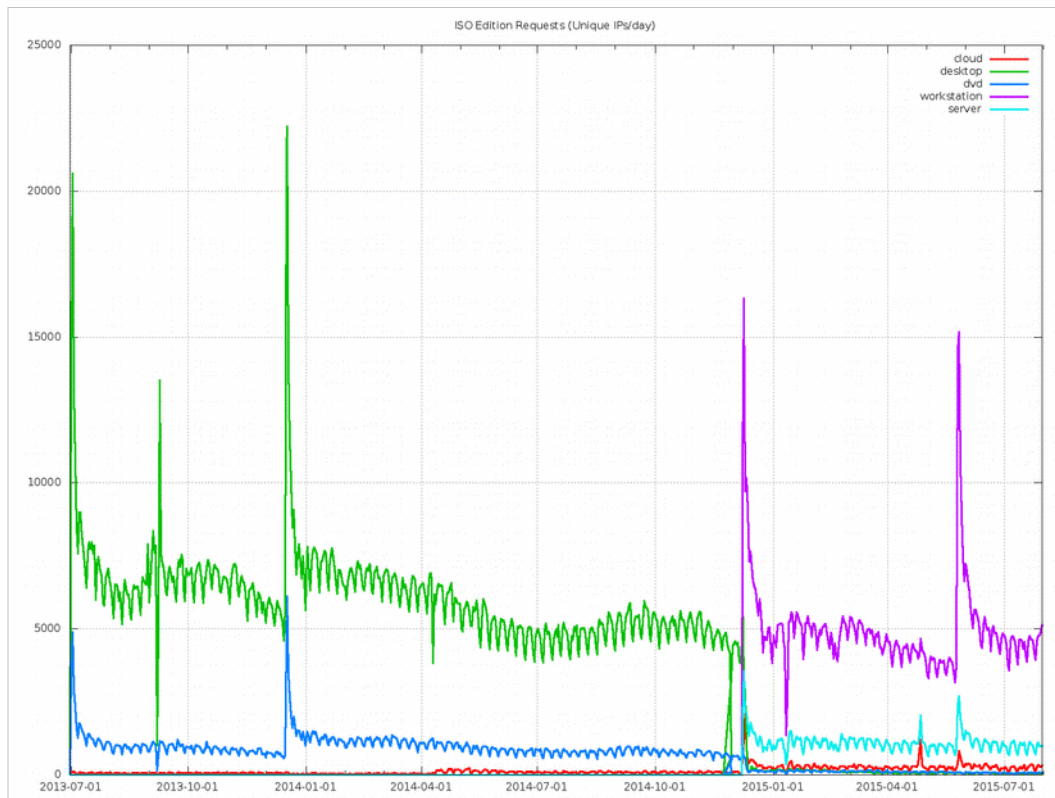
Another way to look at things – ISO downloads

I guess the main takeaway here is.. not a lot of interest in older isos, but steady downloads after initial spike for a given release

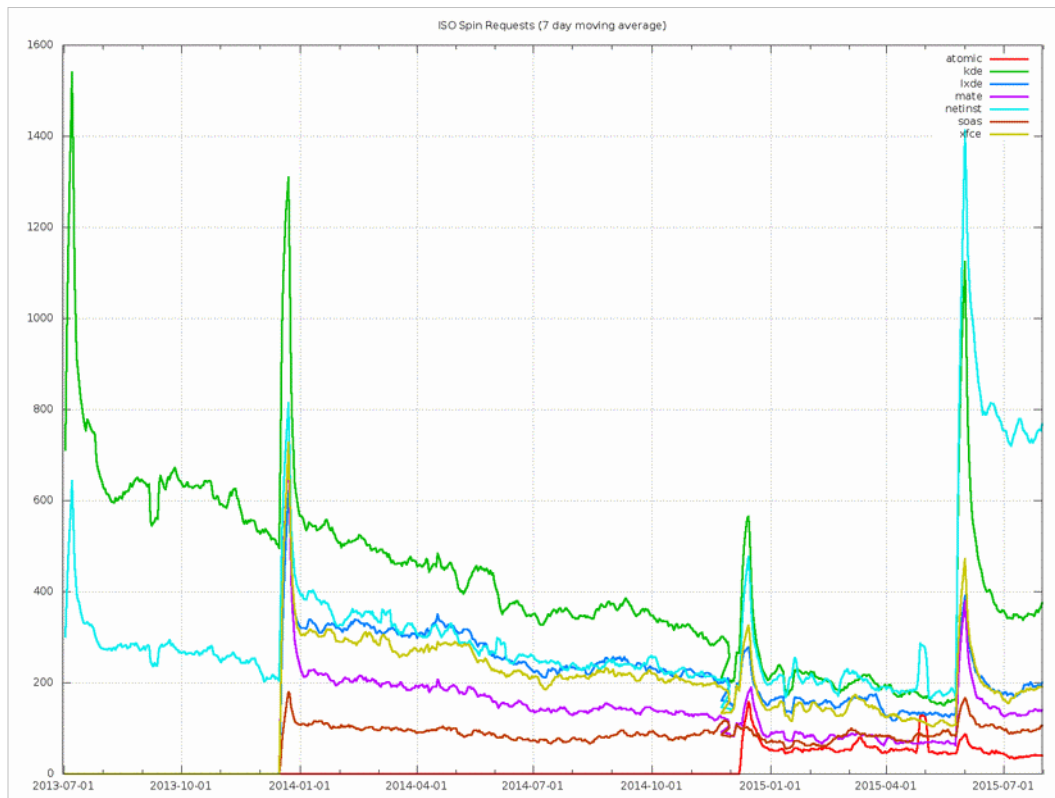
Also, if we cross-reference this to the last set of data, the smaller sets here imply a decent number of upgrades done without an iso download, as one might expect.

This is massaged data in that smoge only allowed 1 ip/day to count so if RH downloads 37 million times in a day.. it is 1

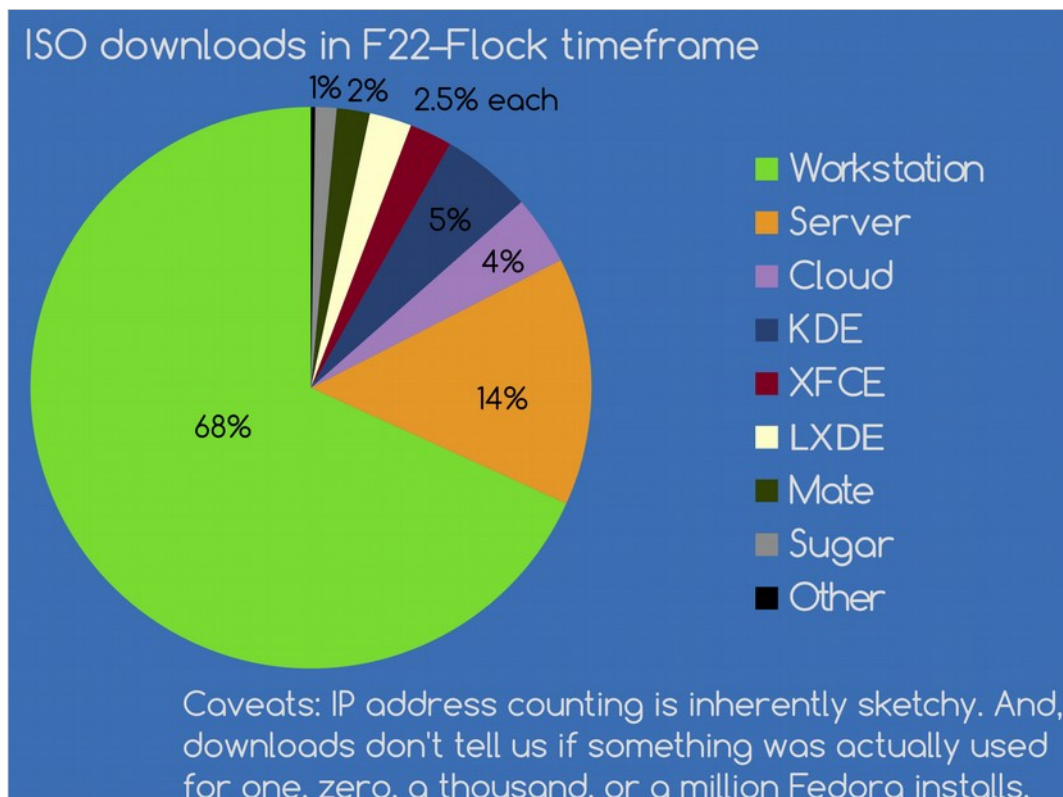
Of course, this would undercount other proxy users, etc.



So, here's just Cloud, Server, and Workstation

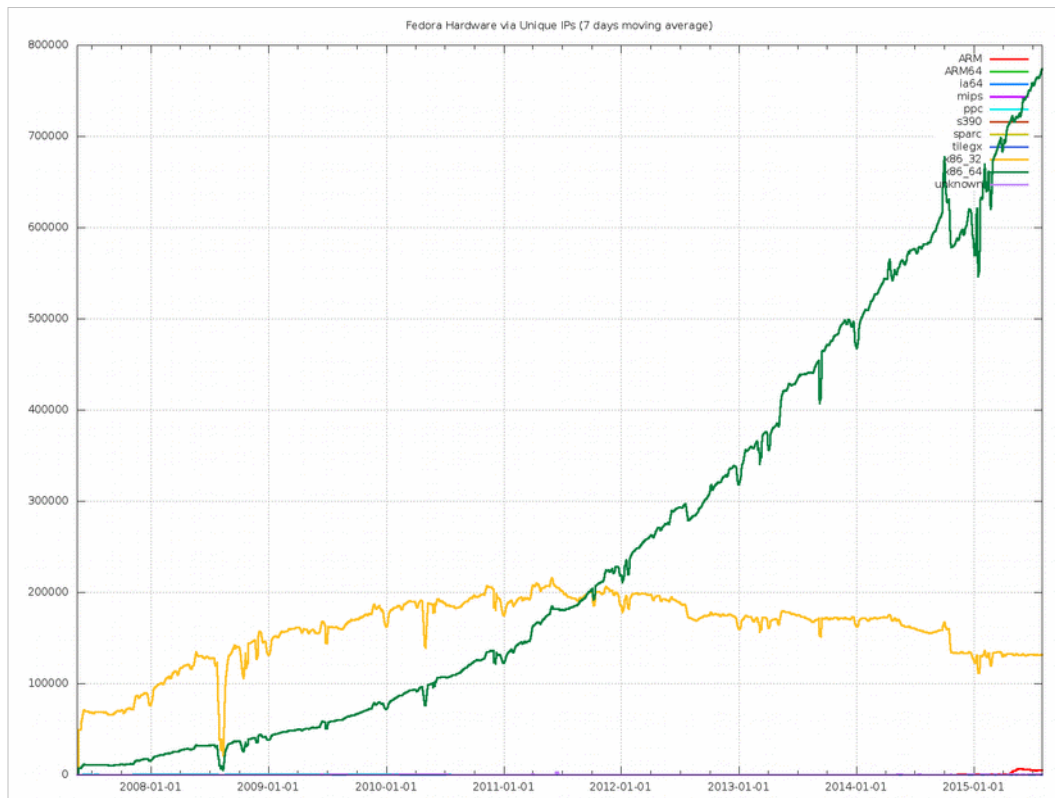


Note that f22 netinst is about 80/20 workstation/server



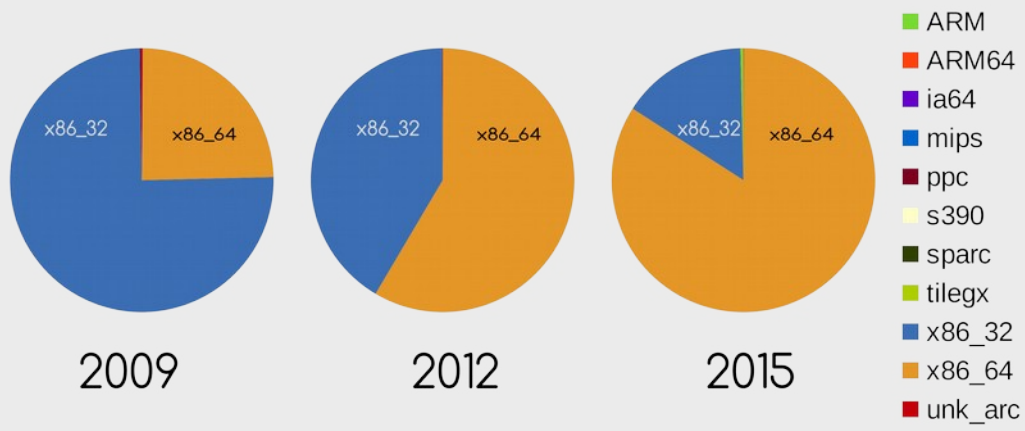
Fedora 22 timeframe to-date

Note that KDE seems to be doing about twice as well as F21 (more so than XFCE or LXDE, which are on same track – Plasma? New spins site?)

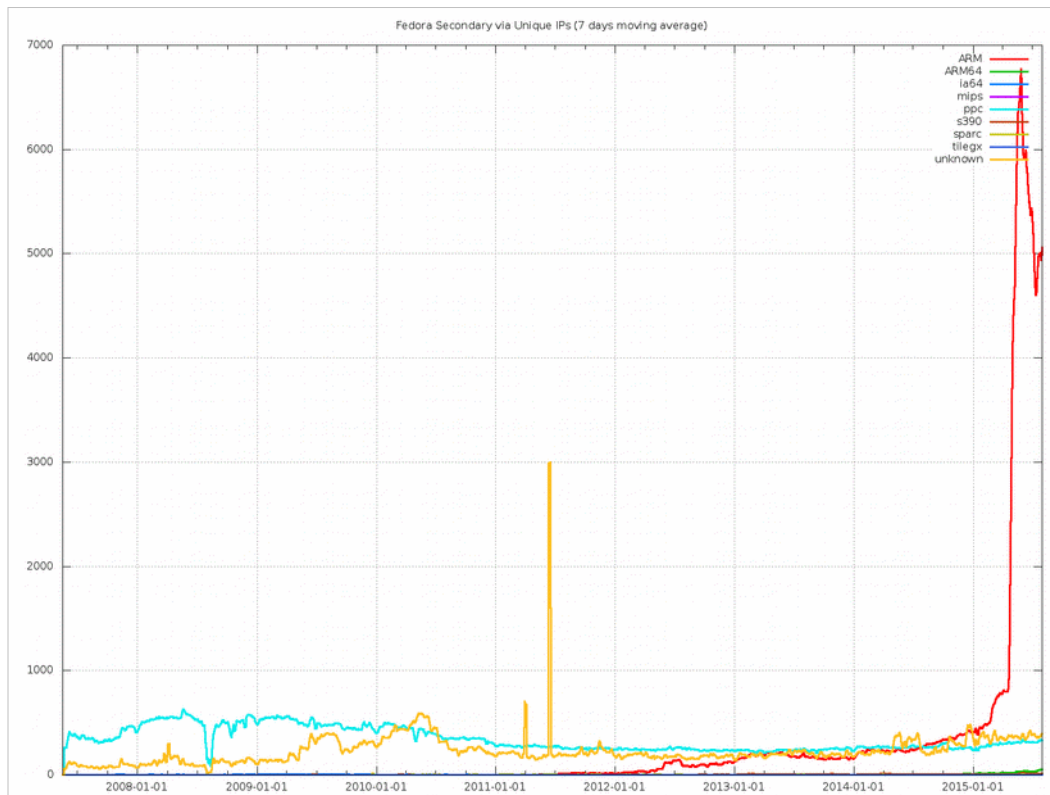


Architectures

CPU Architecture Pie

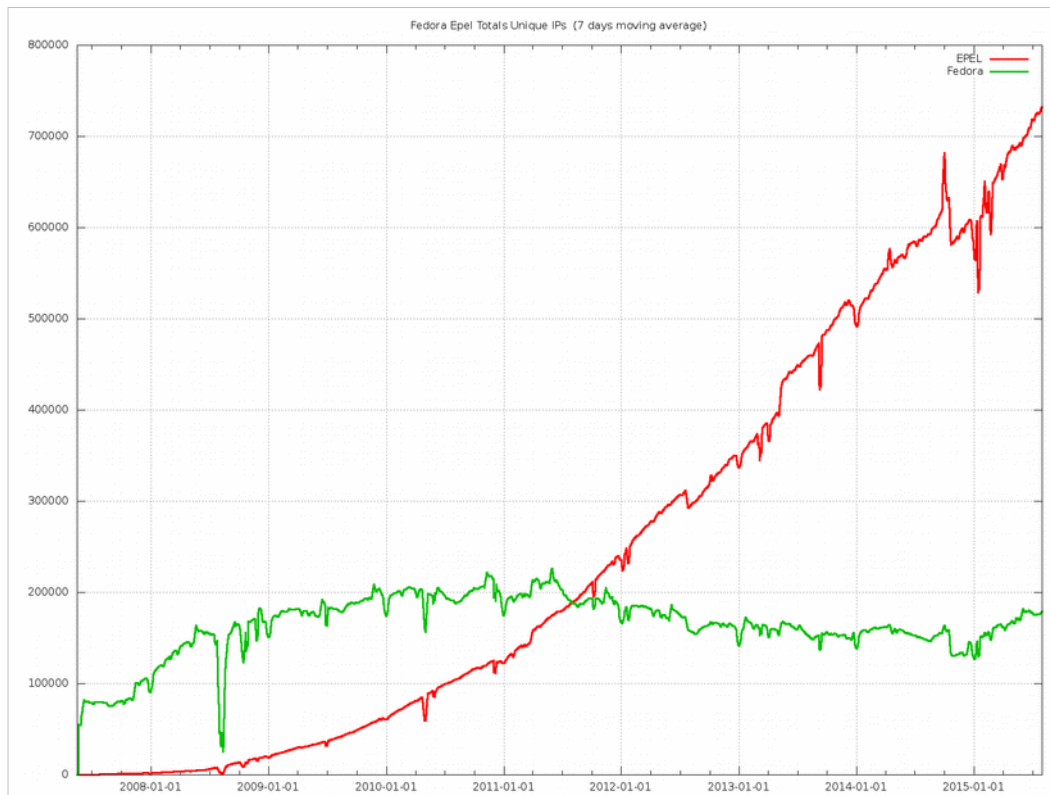


Feb-July of each year



If Intel architecture didn't exist...

What is unknown? Cats. Cats running Fedora. (Thanks Mike)



EPEL – we have a lot of impact here.



Slaying the velociraptor.... System census: Unique but transient ids

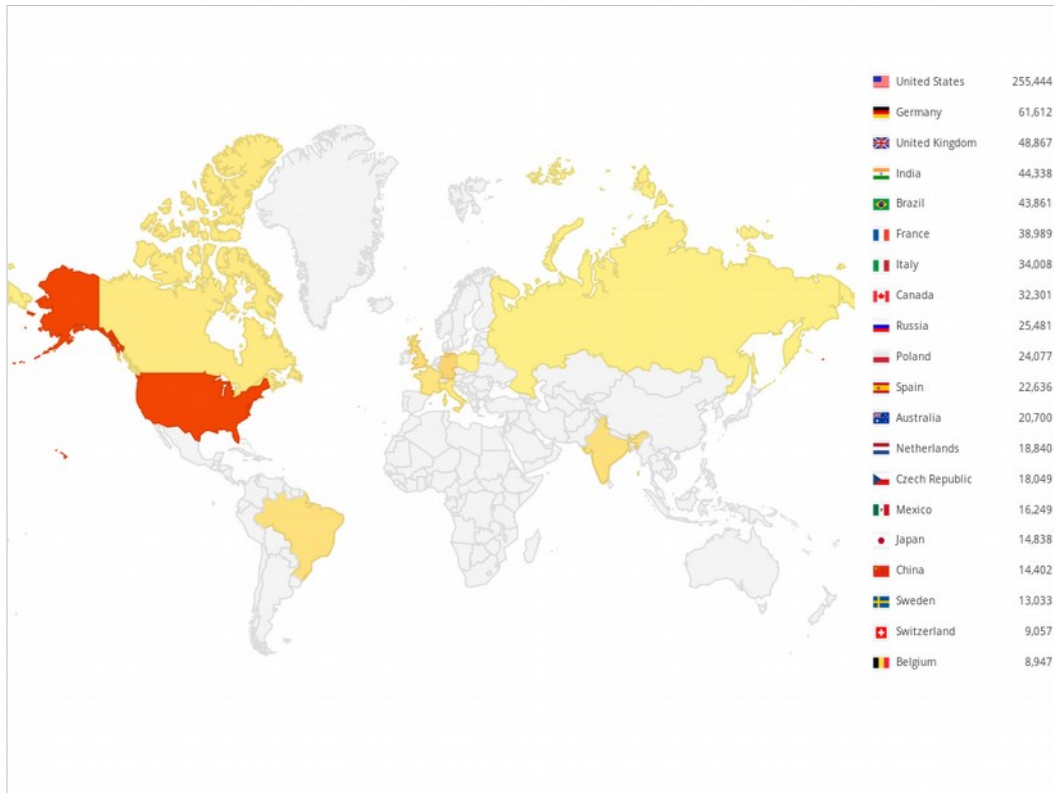
Thomas Vandenberghe
Velociraptor mongoliensis
CC-BY-SA

<https://www.flickr.com/photos/thomasvdb/2739728126/in/photolist-5UT9o9-5b6PHQ-4p4jw-aAPaD4-4p4dE-65K3xD-8c5Ncs-bJHFxD-82erDb-5Uv2sq-9qXqMx-82erDL-7h8aRB-6kegar-o1kaWj-azbMer-4zFzuP-azerF1-s45u1C-c5N4sG-8abq8p-rJTigr-82bk1c-5pVCo5-wGiYpR-9xVzCj-7TuV29-uCbqps-bzYYMa-4s2QQT-4s2QZz-9Zfyh4-2VNuvW-6sD27K-jHfmBh-o8BZHn-aYtbr2-a8LTB8-4YWi76-6sHbLE-9r1DkL-uGmECj-5yV81t-dThejL-bFrJrr-uySJbf-5iXPVB-aym878-dFzQJs-5Cr8R9>



Orange for our highest month
About twice as high as last year, overall.

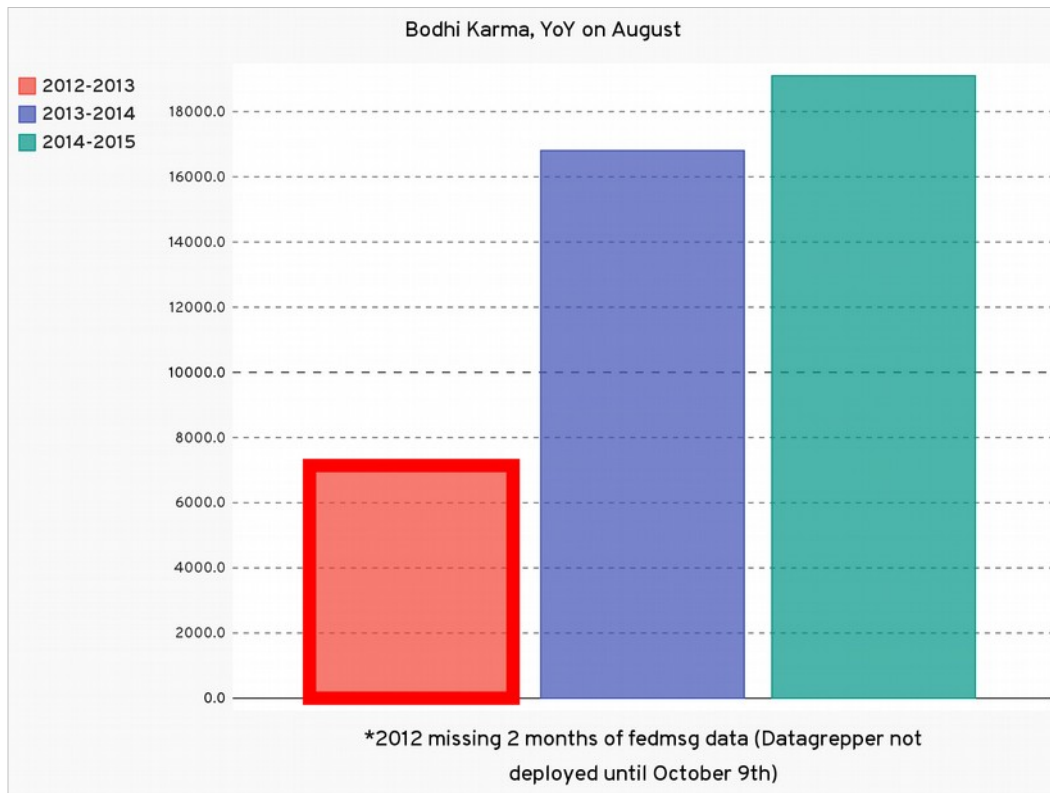
- top posts are user focused



Mercator projection apology – greenland not that big,
india not that small

Obviously, magazine readership not direct correlation
with user base

Vast majority from the US, but a not-insignificant
amount from Germany, the UK, India, Brasil, France,
Italy... you can read the list...



This slide courtesy remy decausemaker

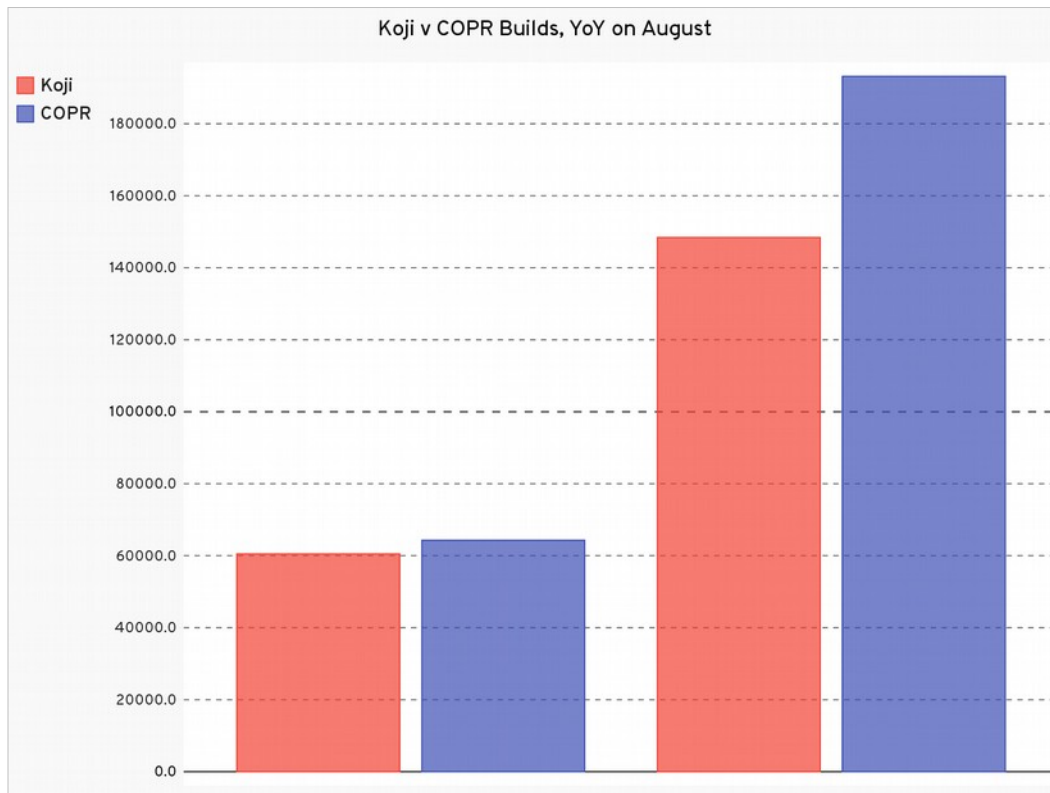
This is the number of distinct people, year to year, who have contributed bodhi feedback. Except, no it's not. Hmmm. Oh well. :)

SO.
MANY.
MEETINGS.



In 2013: 846
In 2014: 1066
In 2015 so far: 765

This is IRC meetings. An amazing amount of activity –
but worry that it's all buried and hard to get involved



Coprs – activity growing

Packages in, packages out

- main repo no longer exploding not necessarily a problem
- and not necessarily copr to “blame”
- challenges: playground for getting things in
 - maybe also for moving some things out

A blue square with a complex, low-poly geometric pattern. The pattern consists of numerous small, irregular polygons in various shades of blue, creating a textured, crystalline appearance. The text "Fedora 23 Alpha" is centered in the upper half of the square.

Fedora 23 Alpha

Fedora 23 Introduces New Security and Systems Management Features for Workstation, Server and Cloud

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Not... actual news. Don't actually read this.

Need to work on our marketing story — what's exciting about F23 that will get people talking?

“Newer versions of a lot of the stuff” not so shiny

No oxford comma because this is ap style, of course



Quick report, but point to full council session thursday at 10am

- big meeting at the last flock – wow, long ago
- new governance and leadership model that came out of that
 - distinction between governance and leadership
 - consensus-based; makes percentages less important
 - roles in the council – new Fedora community action and impact lead. Also, leads for objectives
 - objective leads, too! (and, diversity advisor and fpgm)
- in practice.... Since this is a “state of” talk
 - going pretty well
 - meetings every week
 - once a month, making sure nothing's neglected
 - once a month, subproject status
 - other times, unscheduled open floor
- come to the session for more



The talk description promised vision for f24, f25, and beyond, so here's where we talk about that.

Objectives - Baked in to the new governance model!

- whole talk at linuxcon
- if you don't know where you're going, how do you know when you get there, blah blah blah etc.

(image public domain from

<https://www.flickr.com/photos/130729854@N07/16491939584/>)

The logic model

```
/=====+=====+=====++=====+=====\  
| Resources | Activities | Outputs | | Outcomes | Impact |  
|-----+-----+-----++-----+-----+  
|What we    |What we do |The direct | |The specific | Mission and |  
|have: time, |with our   |products of | |change in the| vision; our |  
|money, code,|resources  |our         | |world due to | long term  |  
|hardware... |          |activities  | |those outputs| effect     |  
+=====+=====+=====++=====+=====+  
| Things we can affect directly | | Out of our direct control |  
+=====+=====+=====++=====+=====+  
|           <----- planning flows right to left -----<           |  
+=====+=====+=====++=====+=====+  
|           >----- effort flows left to right ----->           |  
\+=====+=====+=====++=====+=====/
```

Come to LinuxCon next week for my whole talk on this!

The logic mode

Come to my talk at LinuxCon... I might have even
prettier ascii art....I

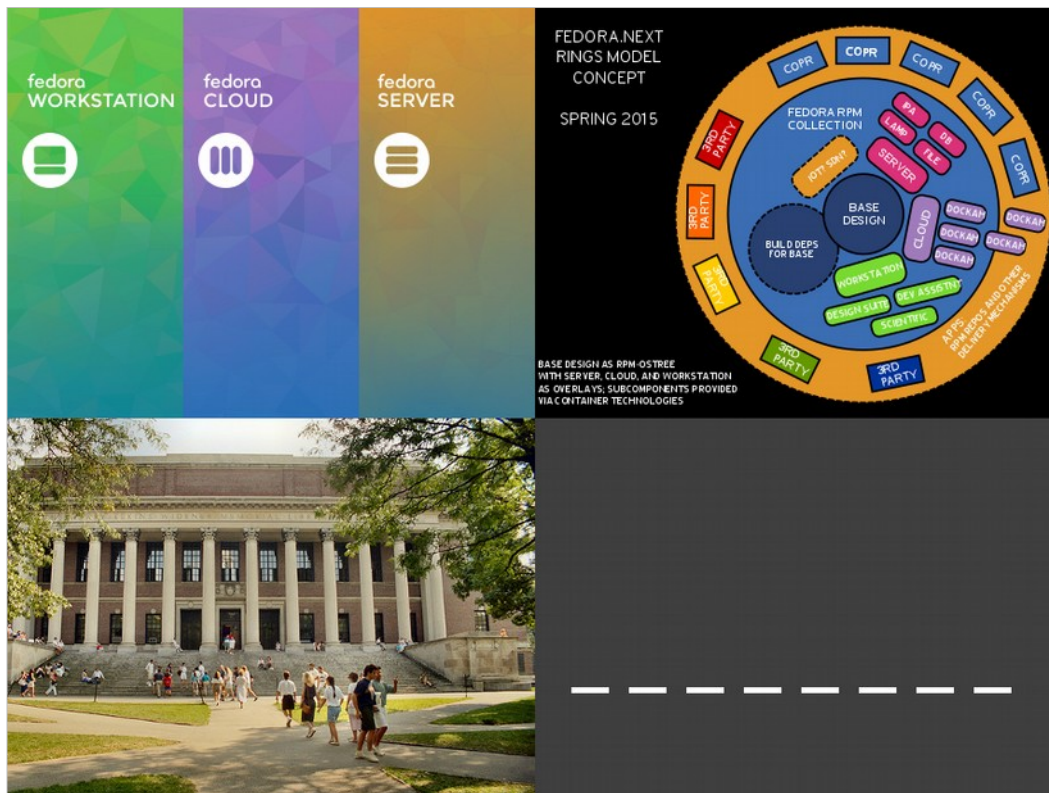
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- Provide focus for FUDCons and Flock
- Plan travel funding
- Prioritize spending for FADs and marketing
- In fact, budget decisions in general
- Focus our marketing efforts
- In fact, help prioritize in general

Of course, we don't need to **only** do these things.
Especially of course in a volunteer organization, if you want to do something which isn't a top level objective — go for it!

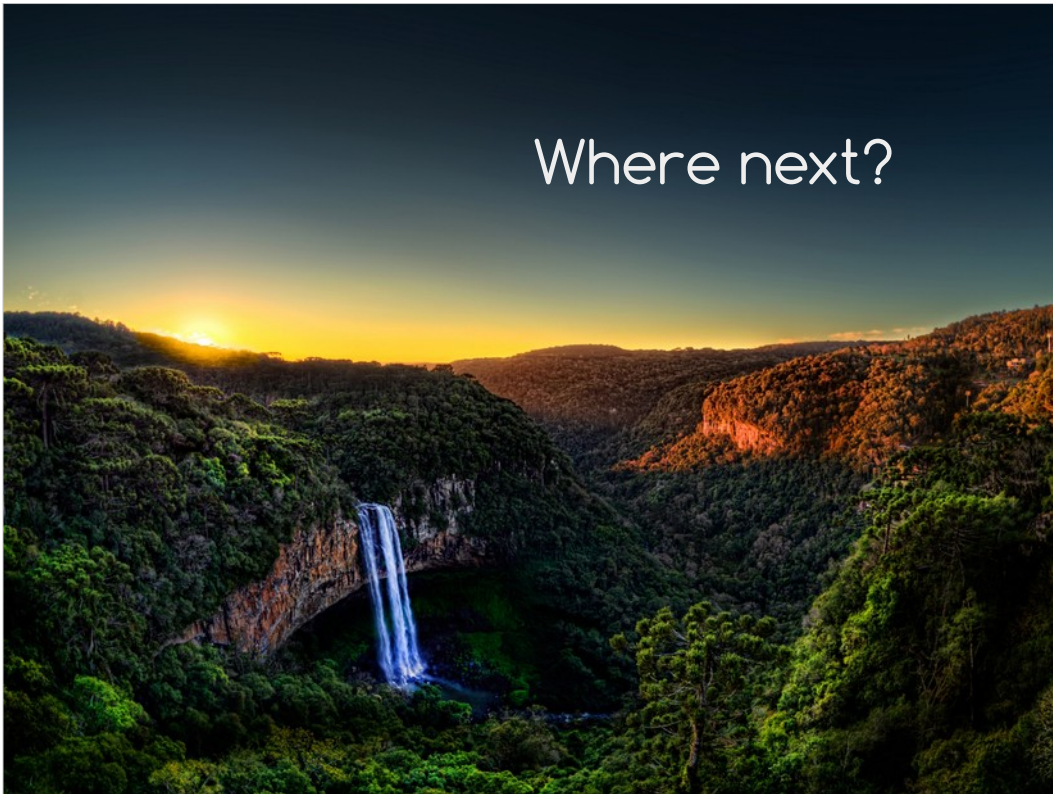
On the other hand, if you really think it's important, let's make it actually be a project objective!



- plug later council session
- quick overview
 - education
 - three editions (finishing up)
- modularization

Widner Library – CC-BY Will Hart

<https://www.flickr.com/photos/cthulhuwho1/380568777>



Need to select new ones!

Editions objective... basically done



LOGISTICS

- Questions for council – anon dropbox?
- RHEL session
- other announcements?

Loco Steve

SA-BY

<https://www.flickr.com/photos/locosteve/6105748569/in/photolist-aixyk4-qu7Stk-52GVZh-fvfvPb-fwcxhx-ftZ4R1-7vmBqJ-JHiXd-ft4zb4-bsDn5c-5rnHYi-6fAPej-aiEeLK-diFHe2-a8EK58-aiAo1u-aixyFr-j5LHP8-bopoJp-dL49NE-cm69TE-e27MjV-6VwLEV-6pC6sS-aixz6X-anT7wN-6pxX1F-a8Foyt-74as4m-aiZfdq-a8ERKz-87CFLf-a8F1zc-dYSEjP-dDJsoC-DDsP2-5jQ8z7-9uUCQA-nHVFCy-4XJsbd-dUaKiN-dM9ABh-hbRp1g-7Y1bKA-dM9ADE-aJou1Z-8kVukU-8oGMTj-8oDue6-5VVsYV>

Whooo!

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Gold:



Silver:



Bronze:



Thanks to flock sponsors!