

A vertical red bar on the left side of the slide contains various white and dark red icons. These include a cloud with a keyhole, a database cylinder, a server rack, a computer monitor, and several arrows pointing in different directions, some with 'X' marks. The icons are arranged in a layered, collage-like fashion.

A look at Ansible Community in 2020

- from Collections to Contributions to Conferences

foss-north 2020 take II

November 1, 2020

Carol Chen

Senior Community Architect



\$ whoami

- Software engineer in Nokia (9 years)
- Community Chief in Jolla (3 years)
- Community Architect in Red Hat (4.78 years)
- 3 continents, 40+ countries
- Orchestral timpanist/percussionist
- @cybette (@mastodon.org.uk, :matrix.org, Freenode IRC, twitter)

Ansible Collections

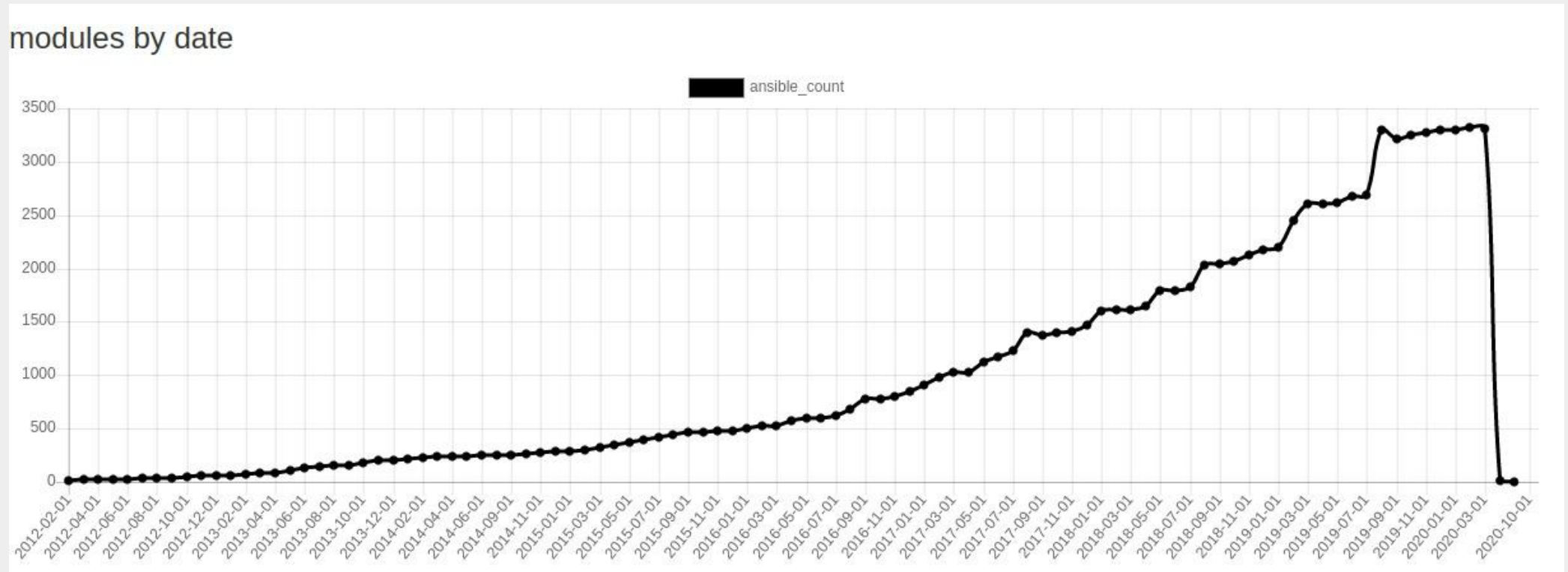
Ansible project changes - why?

Ansible project statistics

- 19k+ forks
- 45k+ stars
- 5k+ contributors
- 50k+ commits
- ~3500 modules (in Ansible 2.9)

Ansible Collections

http://dash.tannerjc.net/ansible_modulestats



Ansible Collections

Ansible project growth - side effects

Customers

- Support claim confusion, who does what and where for issues/PRs?
- Need for stability (longer life cycle) for foundation components while...
- Need new module enablement / platform updates (shorter life cycle)

Developers

- 4,300+ open issues
2,000+ pull requests
- “One size fits all” doesn’t work for all content sets
- Some things are added/implemented quickly, some are not

Ansible Collections

Previously: Ansible 2.9 and earlier

Classic Ansible

- Single repository <https://github.com/ansible/ansible>
- Single package called **ansible**
- ansible had major releases twice a year
- New features go into the next major release - i.e. worst case you need to wait 6 months

Ansible Collections

Now: Ansible 2.10 and later

- The ansible/ansible (ansible-base) repository only contains:
 - The core Ansible programs, ansible-{playbook,galaxy,doc,test,etc.}
 - Some documentation
 - A tiny subset of modules and plugins to allow for a functioning controller
 - Together this will be known as **ansible-base**

Ansible Collections

Now: Ansible 2.10 and later

- The rest of the modules and plugins have been moved into various "collections"
 - Ansible Collections:
 - Can be released independently of ansible-base and Ansible, at whatever release cycle/cadence the collection maintainer prefers
 - Will have their own repo (GitHub, GitLab, etc) with dedicated backlog, ie no more shared massive issue & PR backlog
 - Should still have CI testing and in many cases can be tested more thoroughly

Ansible Collections

Now: Ansible 2.10 and later

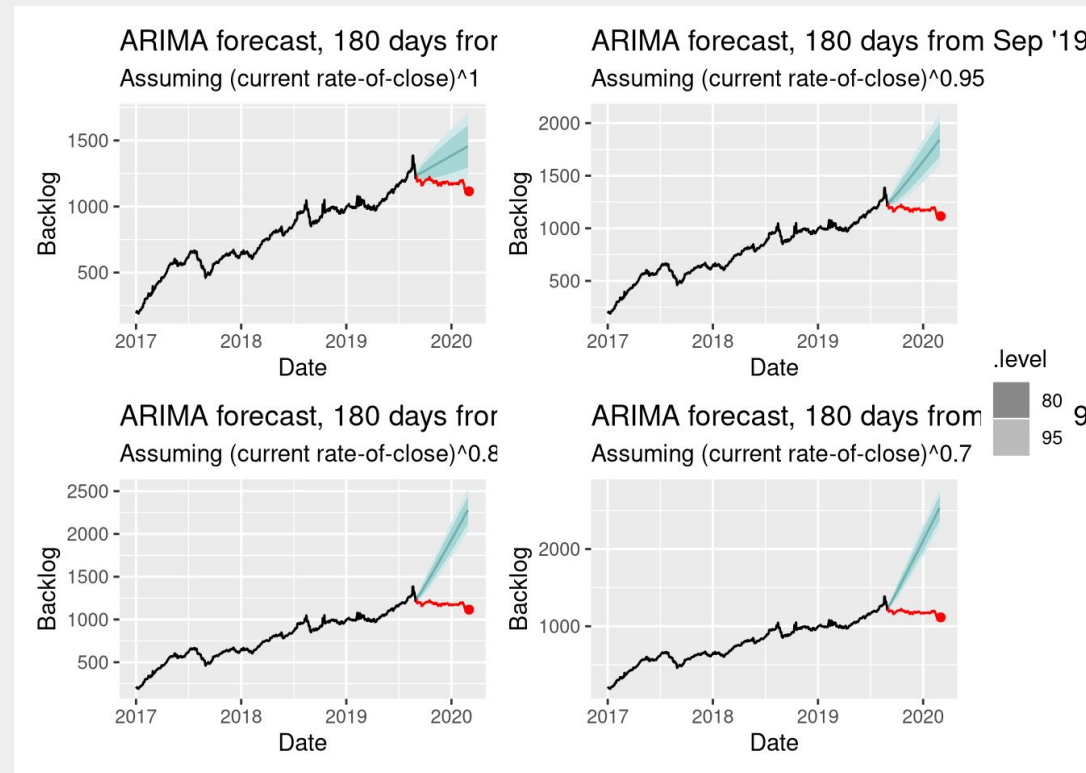
- The released package of Ansible 2.10 will pull in **ansible-base** and the various community collections that were previously a part of ansible/ansible

The **ansible** package will contain a subset of collections and depend on the new **ansible-base** package (the Ansible engine).

Ansible Collections

When we were ansible/ansible

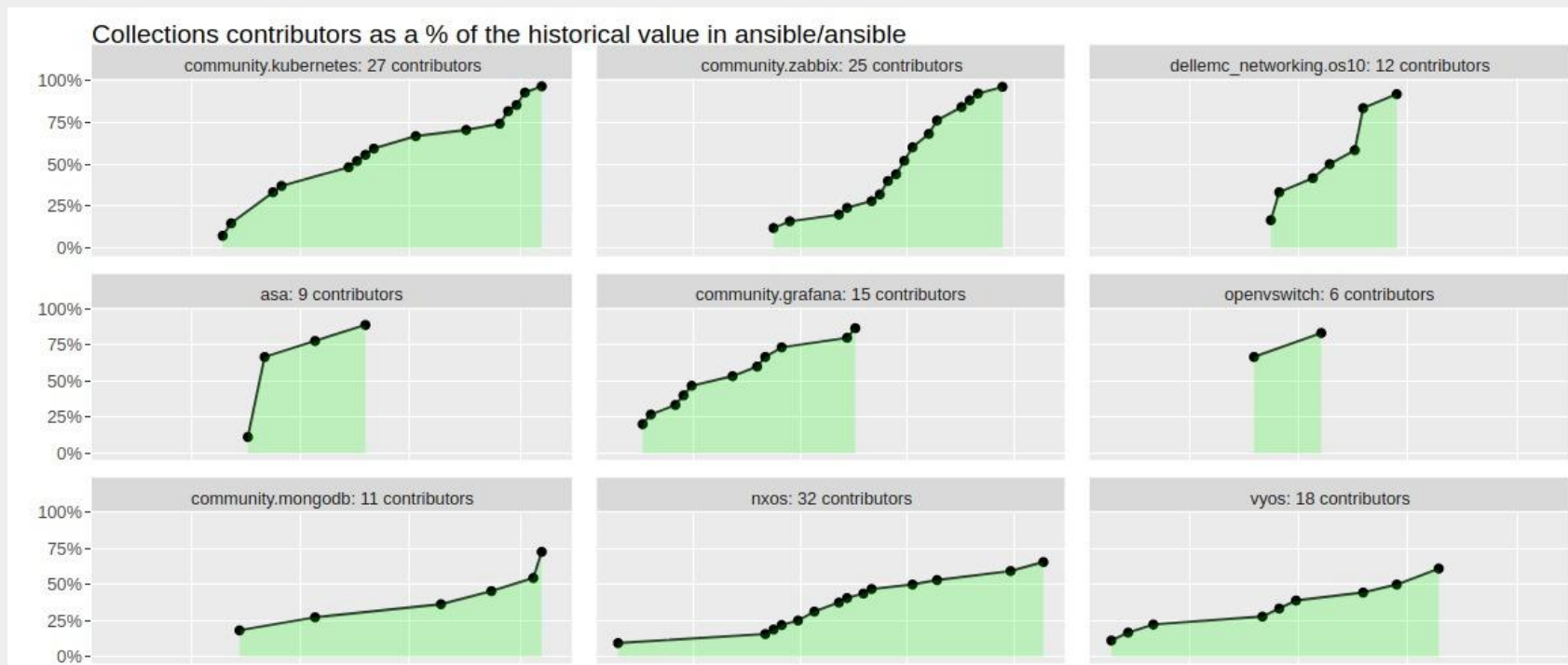
<https://emeraldreverie.org/2020/03/02/collections-the-backlog-view/>



Ansible Collections

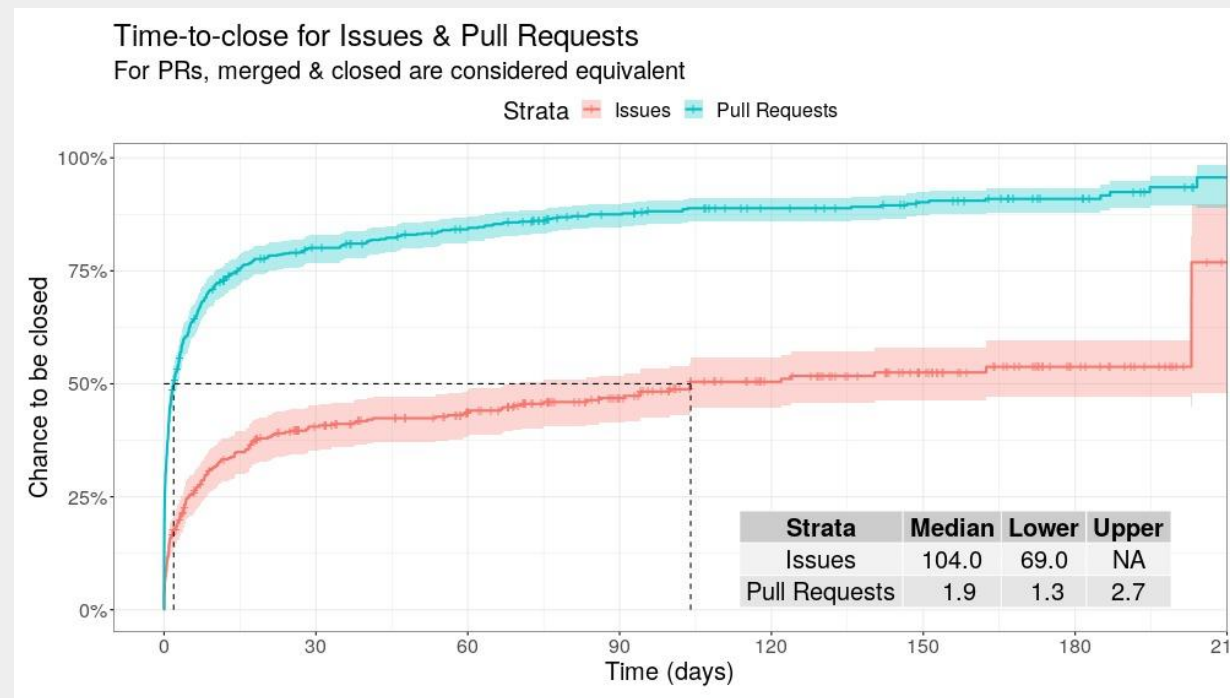
Collection Contributors

<https://stats.eng.ansible.com/apps/collections/contributors/>



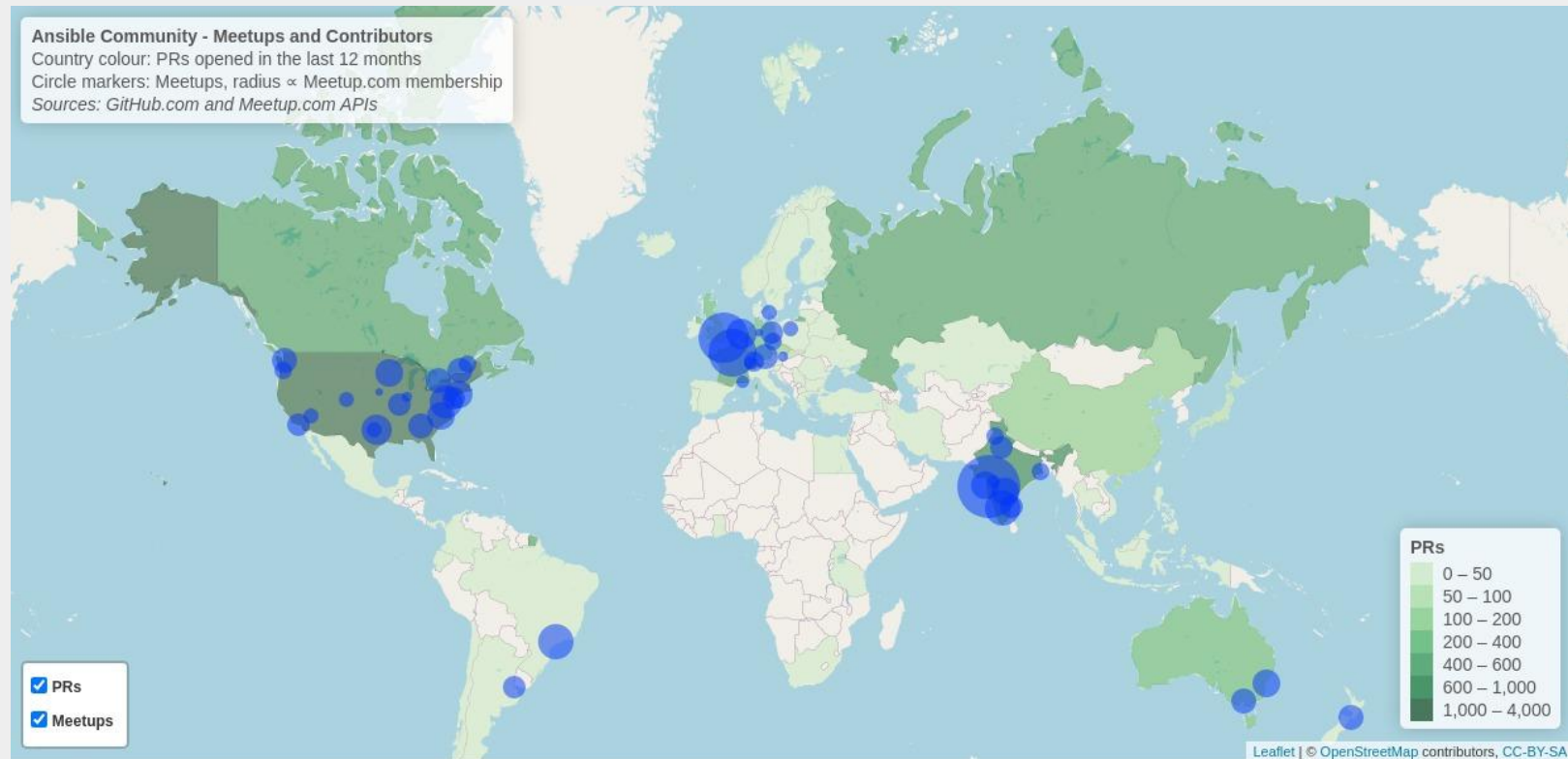
Ansible Collections

Time to close for PRs and issues https://stats.eng.ansible.com/app/collections_dash
<https://www.youtube.com/watch?v=og-Vwi8oJi4>



Ansible Contributors

Meetups and GitHub contributions



Ansible Contributor Summit

- Full day working session especially for community contributors to interact with one another, as well as with Ansible development teams.
- <https://github.com/ansible/community/wiki/Contributor-Summit>

Ansible Contributor Summit

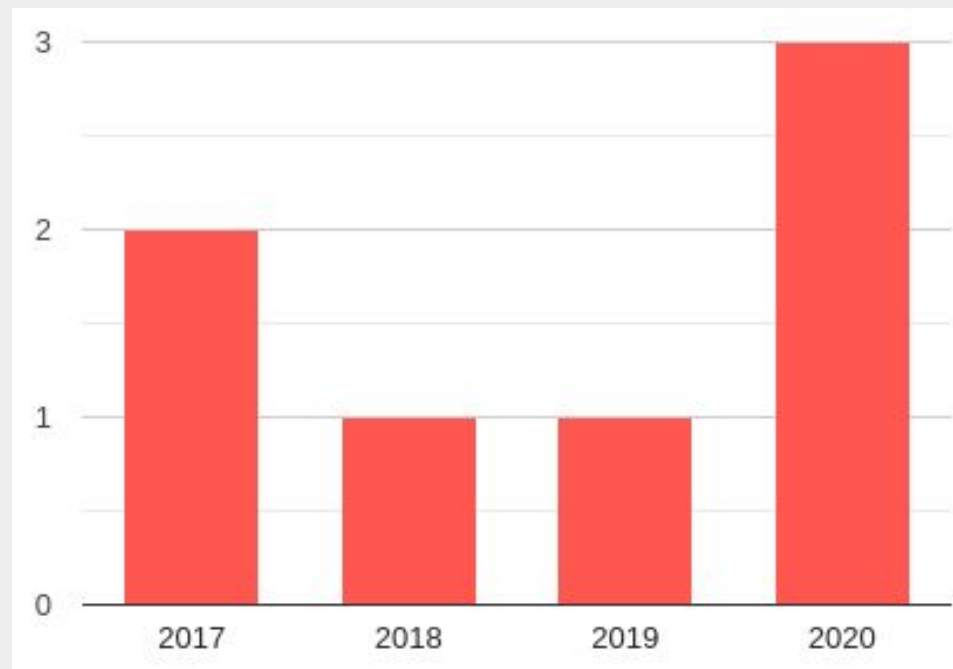
2017 - 2020

- Ansible Contributor Summit 4 @ AnsibleFest 2017, London
- Ansible Contributor Summit 5 @ AnsibleFest 2017, San Francisco
- Ansible Contributor Summit 6 @ AnsibleFest 2018, Austin
- Ansible Contributor Summit 7 @ AnsibleFest 2019, Atlanta
- Ansible Contributor Summit 8 - Virtual (March 29, 2020) *
- Ansible Contributor Summit 9 - Virtual (July 6, 2020)
- Ansible Contributor Summit 10 @ AnsibleFest 2020 Virtual Experience (October 12 & 15, 2020)

* was supposed to be @ foss-north 2020, Gothenburg

Ansible Contributor Summit

Some fancy graph



Ansible Contributor Summit

Planning notes from attempt #1

Chalmers Conference Centre - location confirmed

- Much more expensive (but probably still within budget)
- Same venue that FOSS-north will probably be using (they were here in 2019)
- If we rent one exhibition space
- They charge to pay a technician
- FOSS-north has speakers' dining
- <https://chalmers.se/en/venues>

Chalmers Conference Centre



Chalmers Conference Centre

on the 29th of March 2020.
including conference technician
rooms

AT



Ansible Contributor Summit

Difficult email to write/send :(

Partial cancellation of Ansible Contributor Summit 8 (in-person component) 27 views



Carol Chen <carol.chen@redhat.com>

Mar 3, 2020, 11:46:00 PM



to ansible-devel@googlegroups.com, ansible-outreach@googlegroups.com

Hi everyone,

It is with deep regret that we confirm the **partial cancellation of Ansible Contributor Summit Europe 2020**, the physical/in-person element that was planned for Sunday, March 29, in Gothenburg, Sweden. This is in response to the global concern over the coronavirus outbreak and increased travel restrictions.

This has not been a decision that we arrived at lightly. People are not signing up as rapidly as we'd anticipated, and a number of participants have reached out to share their travel concerns with us. We considered many factors and possibilities, and decided to put the **safety and well-being of our community first**.

Ansible Contributor Summit has always been in part a virtual event, to allow for those who cannot be present in person to be able to participate from anywhere in the world. This time, we will make it a **fully virtual event**. We are also considering having local meetup groups host co-located events on the same day. However, we'll have to readjust the date and format, so please stay tuned[0] for more updates on the virtual event.

To reiterate, the in-person event in Gothenburg on March 29 is cancelled, and we will reschedule the virtual Ansible Contributor Summit.

PIVOT!!!

Image from “Friends” TV series - The one with the cop (season 5, episode 16)



Ansible Contributor Summit

Attempt #2 – (fully) virtual event, real success!

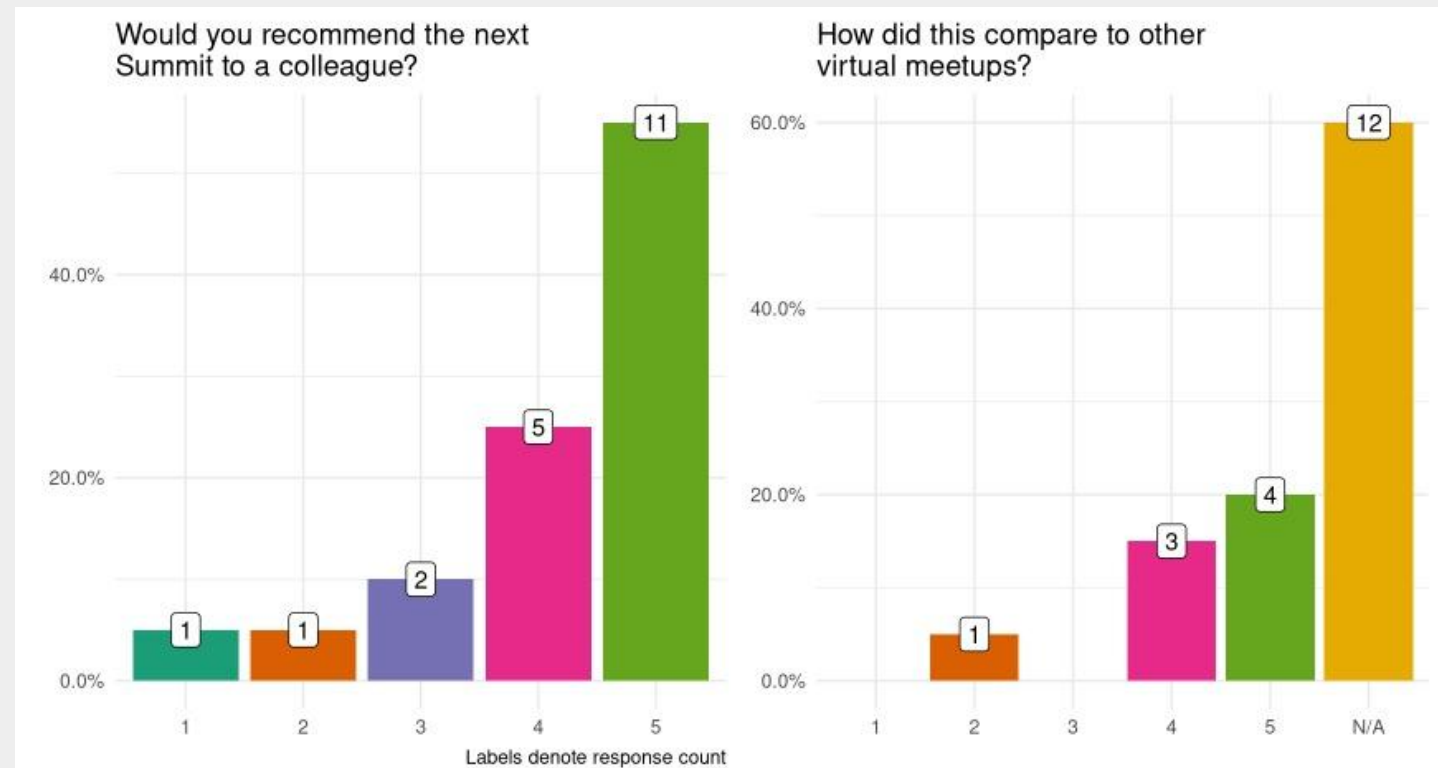
The screenshot displays a virtual meeting interface. On the left, a grid of six video feeds shows participants: Sorin Sbarnea, Pilou, JPMens, Carol Chen, Gundalow, and tadeboro(Tadej Borovsak). Below the grid, the name 'madonius' is visible. On the right, a web browser window shows a document titled 'ansible-contributor-summit' with a table of contents and a list of topics. The topics include:

- Improving test coverage +sbarnea
- changelogs and porting guides in a collections ecosystem (acozone) +felixfontein +tadeboro
- adding usecase-focused documentation to collections (tadeboro)
- versioning (both collection version, and using features not available in all Ansible versions) and deprecation of plugins/options/features (felixfontein) +tadeboro
- ansible-test outside ansible/ansible CI (rey) +sbarnea +tadeboro +geerlingguy +sshnaidm
 - some things we had trouble with: installing prerequisites for various tests, adding checks to sanity suite +making ignore paths more flexible (wildcards), and sets of tests
- Install Collection from git repository (rey) +sbarnea +geerlingguy +sshnaidm
 - Installing collection from disk? (sbarnea)
- Eligibility of a collection under 'community' namespace (rey)
- Unit testing of collections and any framework for it? (sshnaidm)
- CALLS TO ACTION

Below the list, there are sections for 'Further Molecule Questions' and 'Further Community Data (Stats) Question'.

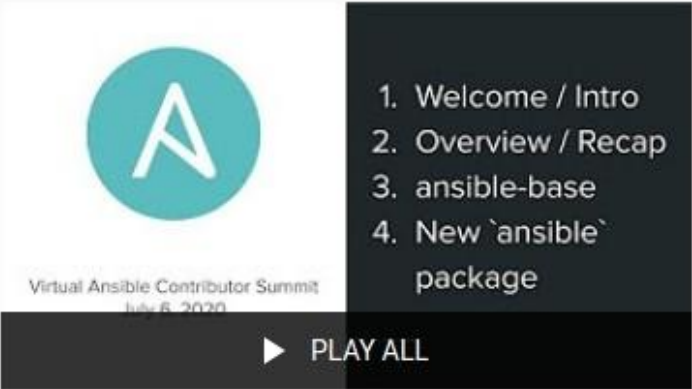
Ansible Contributor Summit

Event survey responses (March)



Ansible Contributor Summit

2nd fully virtual event







The thumbnail shows the Ansible logo (a blue circle with a white 'A') on the left. To its right is a dark grey box with a white list of topics: 1. Welcome / Intro, 2. Overview / Recap, 3. ansible-base, and 4. New `ansible` package. Below the logo, the text 'Virtual Ansible Contributor Summit July 6, 2020' is visible. At the bottom of the thumbnail is a black bar with a white play button icon and the text 'PLAY ALL'.

Virtual Ansible Contributor Summit, July 6, 2020

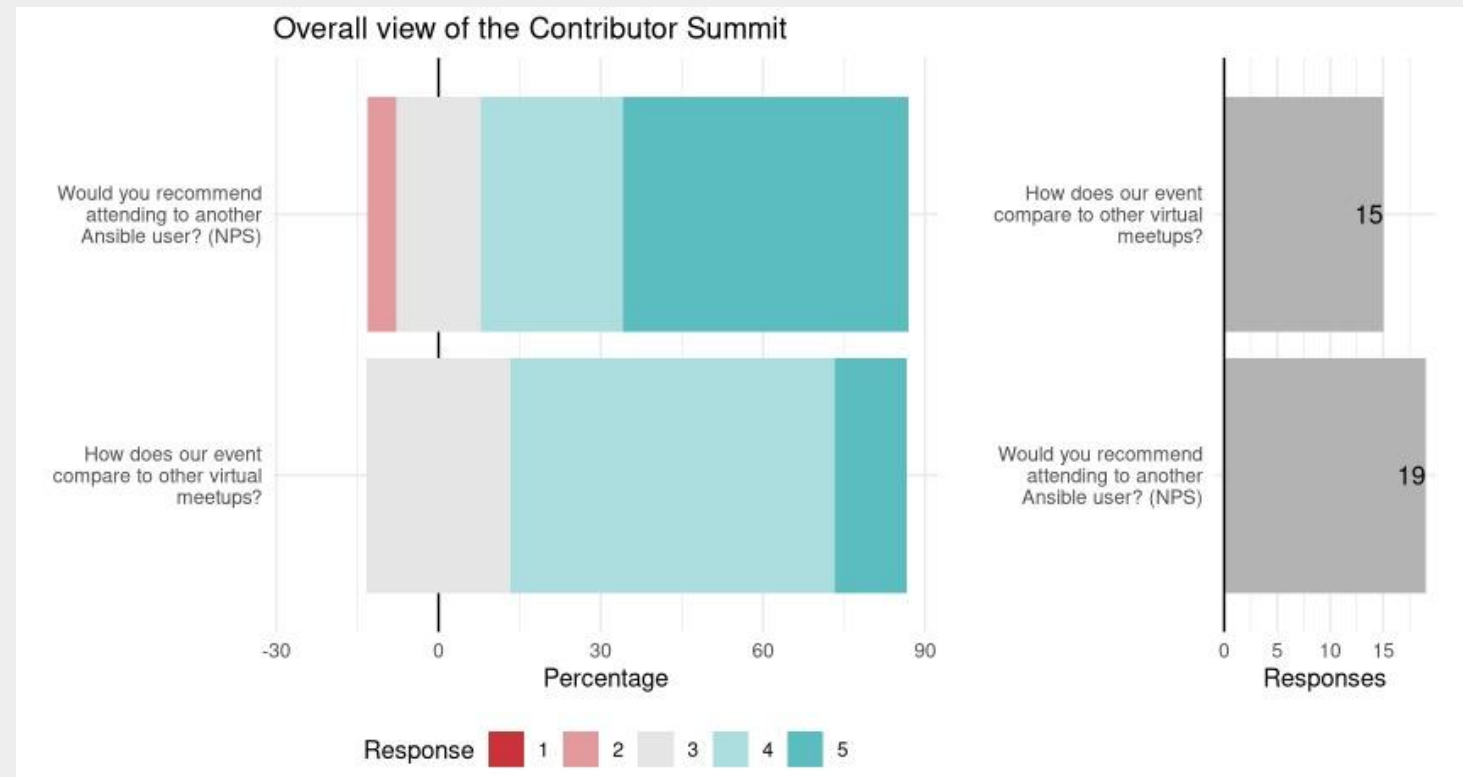
6 videos • 182 views • Last updated on 8 Jul 2020

≡ + ↗ ↪ ⋮

-  **Virtual Ansible Contributor Summit, July 6, 2020 - Part 1**
Ansible Community
WATCHED 1:14:01
-  **Virtual Ansible Contributor Summit, July 6, 2020 - Part 2**
Ansible Community
WATCHED 1:20:29
-  **Virtual Ansible Contributor Summit, July 6, 2020 - Part 3**
Ansible Community
WATCHED 40:26
-  **Virtual Ansible Contributor Summit, July 6, 2020 - Part 4**
Ansible Community
WATCHED 1:17:29

Ansible Contributor Summit

Event survey responses (July)



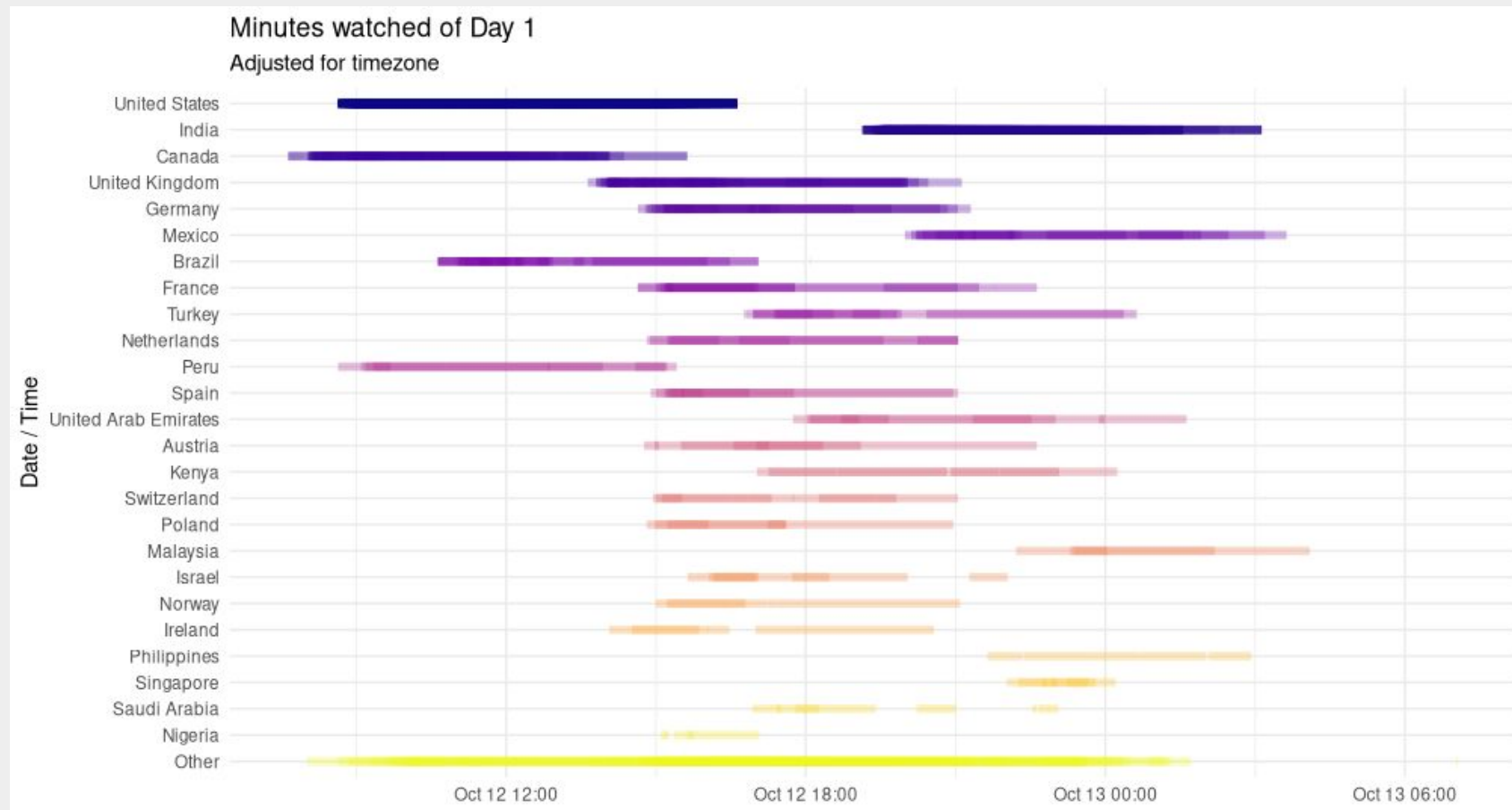
Ansible Contributor Summit

Show me the numbers!

- 2019, in-person in Atlanta: ~100, out of 120 registered
- 2020 virtual #1 in March: 50 (average 35-40), out of 30 registered for the in-person event in Gothenburg
- 2020 virtual #2 in July: 70 (average 40+), out of 120 registered
- 2020 virtual #3 in October: 700, out of 1300 registered!

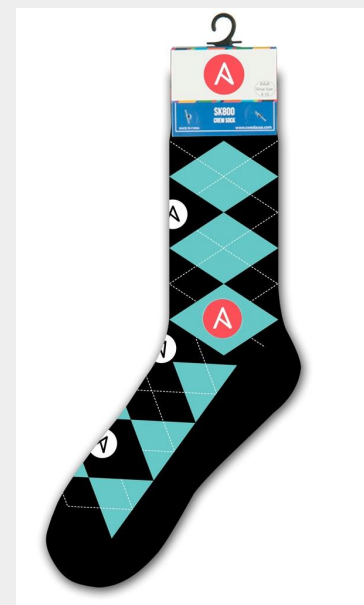
More to come in The Bullhorn: <https://bit.ly/thebullhorn>

Ansible Contributor Summit



Bearer of Goodies

carol.chen@redhat.com



Ansible Meetups

- Building strong local communities
- <https://www.ansible.com/community/events/ansible-meetups>
- <https://ansible.meetup.com/>

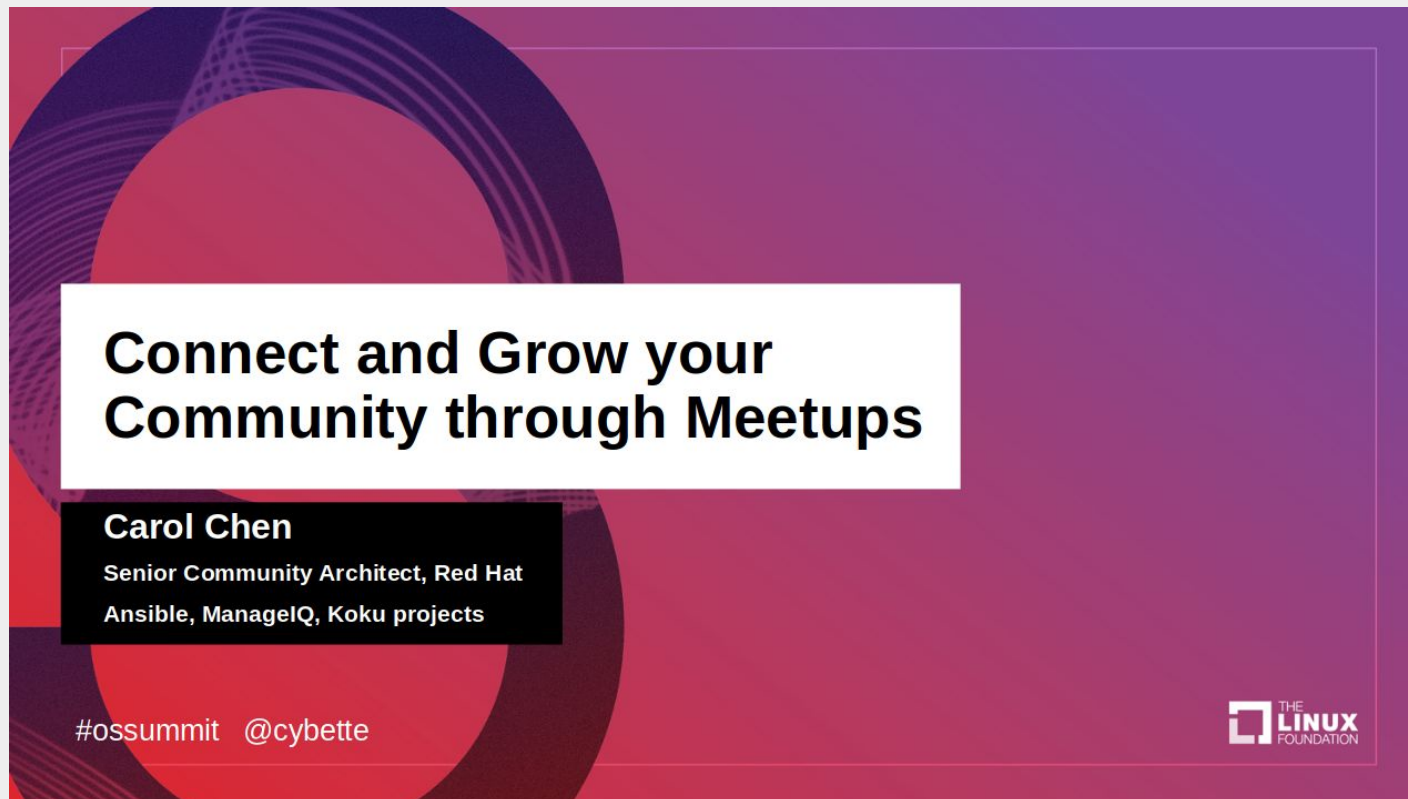
Ansible Meetups

2019 vs 2020

- Numbers taken between March 22 – September 22 of each year:
 - 2019: 83 meetups, average RSVP of 44
 - 2020: 60 meetups (54 virtual), average RSVP of 41

Ansible Meetups

<https://www.youtube.com/watch?v=aIGC9YKZtX4>




Thank you

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