

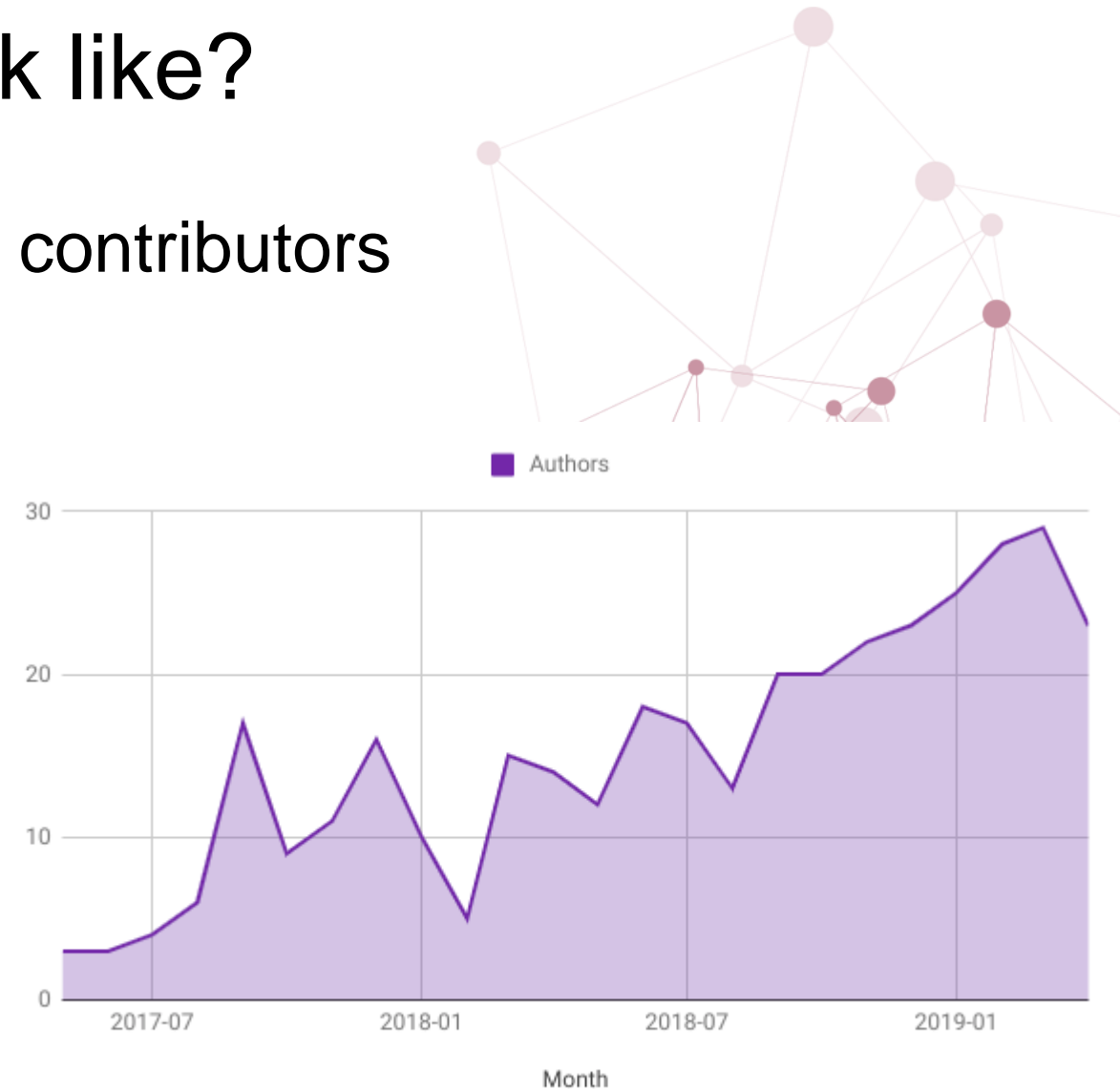
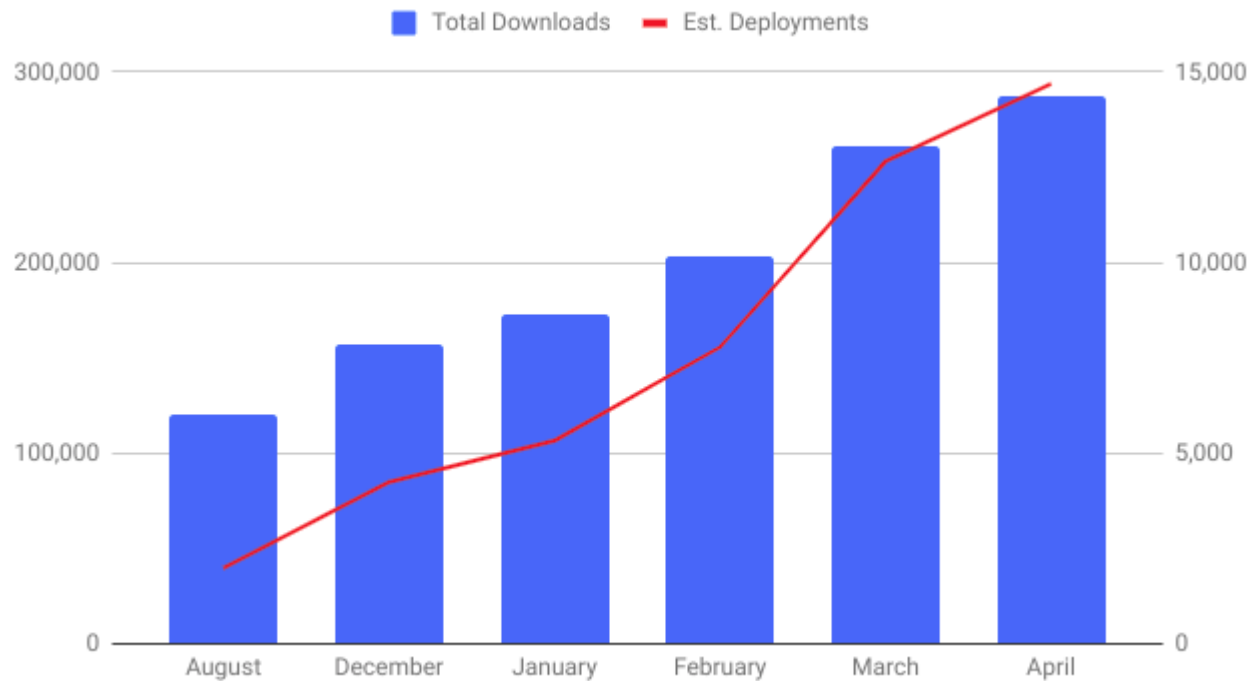


# Developer Advocate Report Current Project Community and how to shape it

9am Day 2

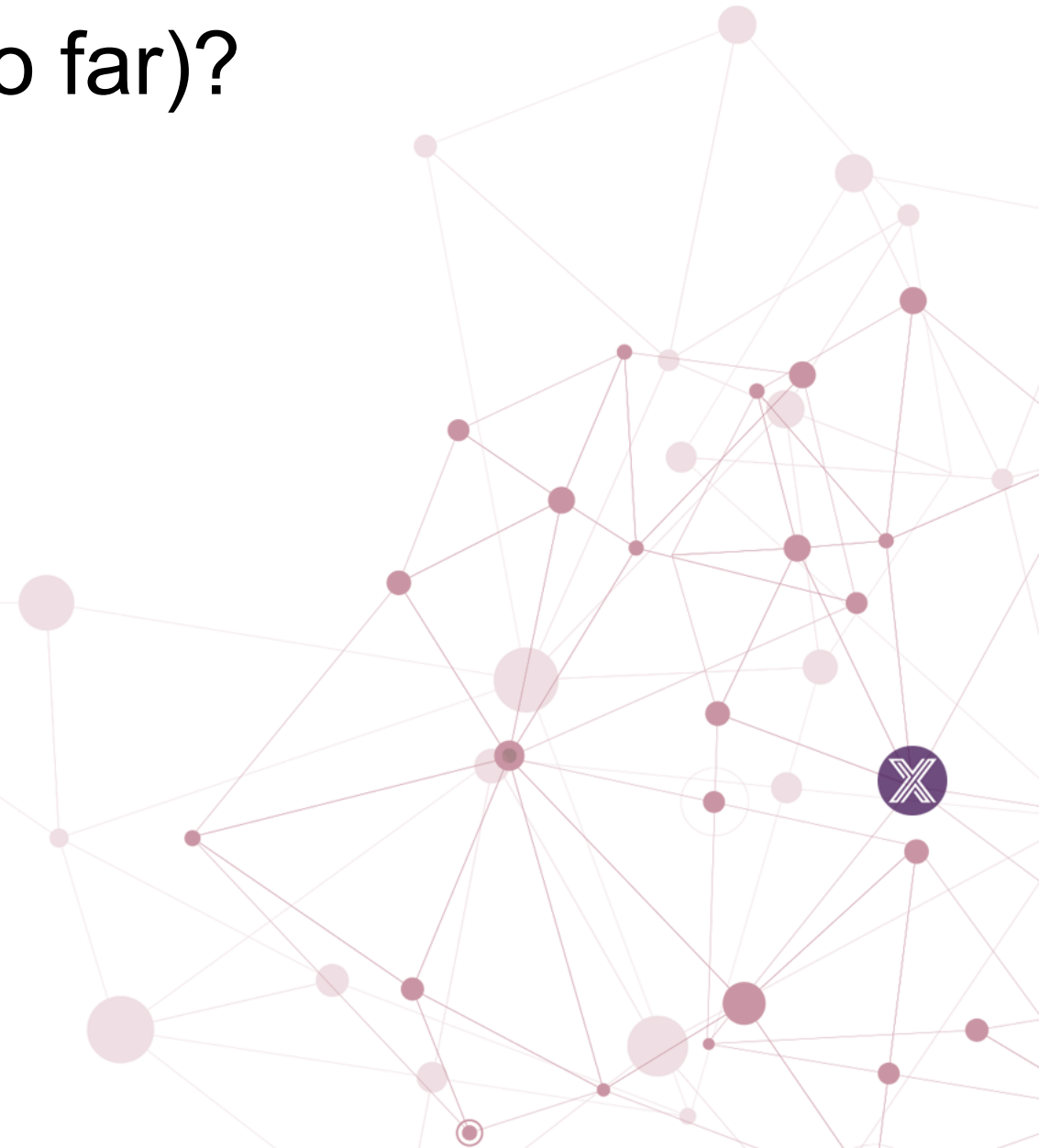
# What's the current project look like?

- Consistent growth in downloads and contributors



# What's gone into Edinburgh (so far)?

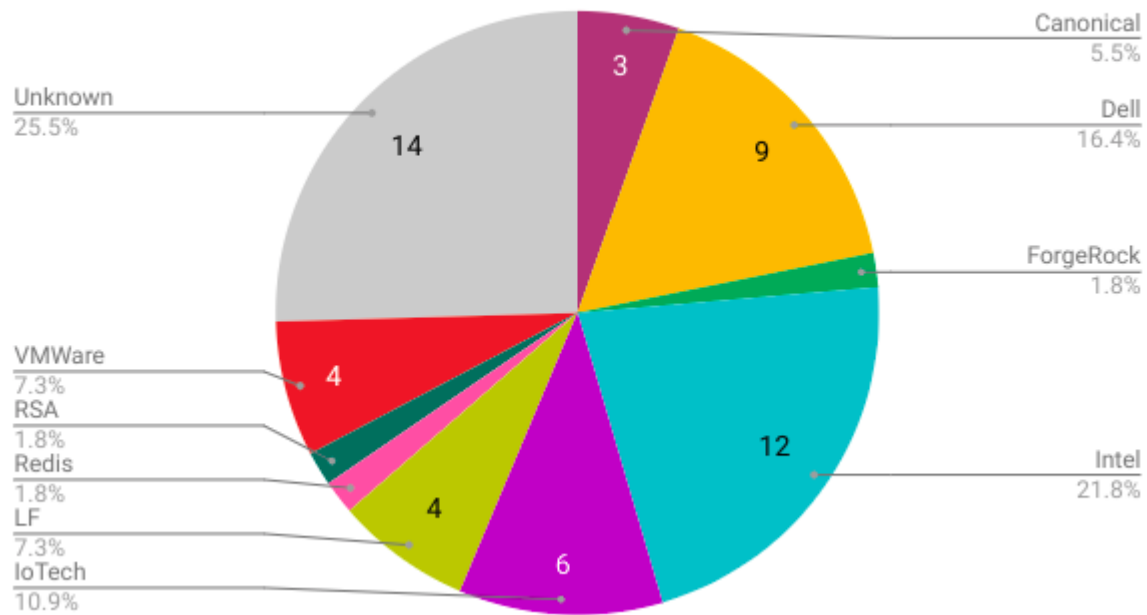
- 21 Active Repos
- 55 contributors / 32 new\*
  - ~25 monthly active
- 697 Commits
- 710 Issues Opened / 674 Closed
- 805 PRs Opened / 815 Closed
- 44 Reviewers / 39 Approvers



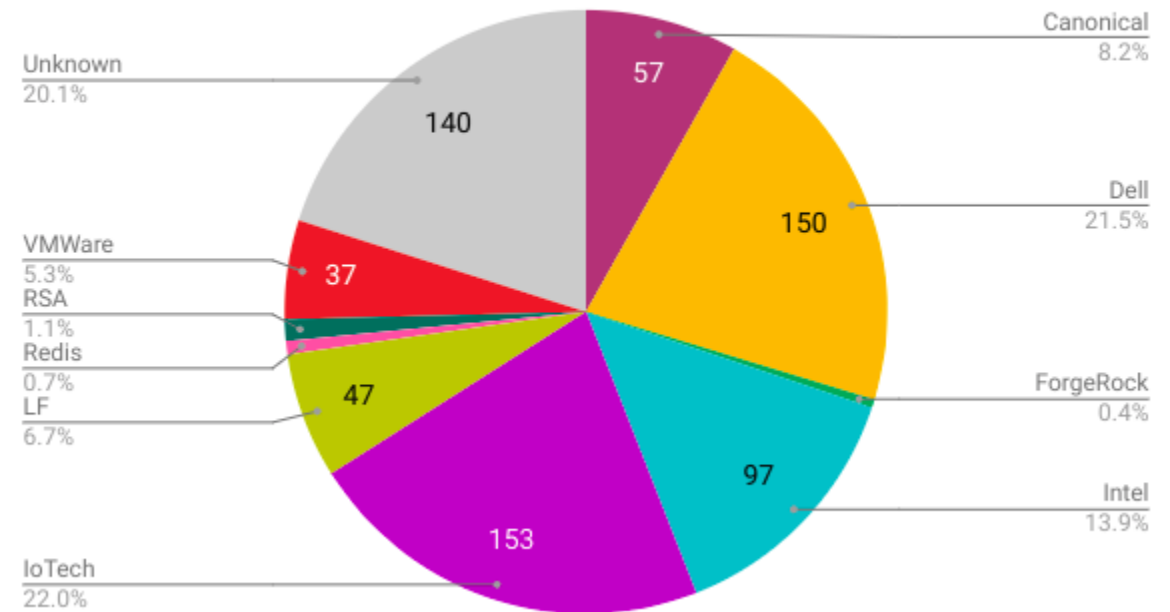
# What's the current community of developers look like?

- 9 Contributing companies

Authors by Company

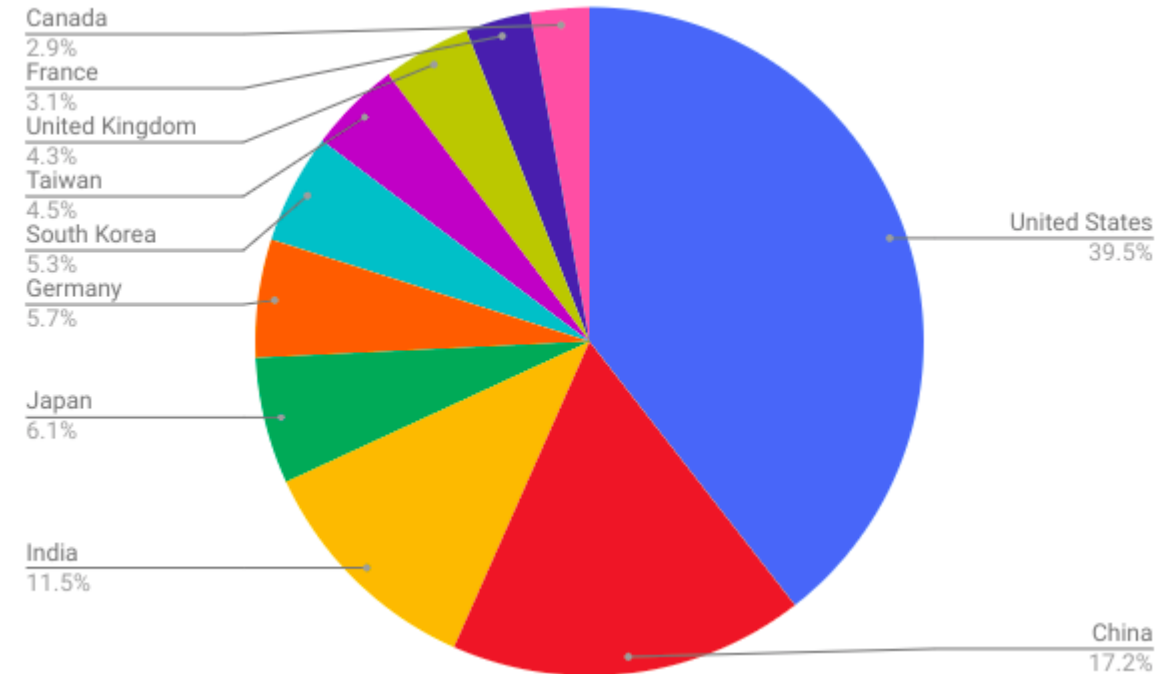


Commits by Company



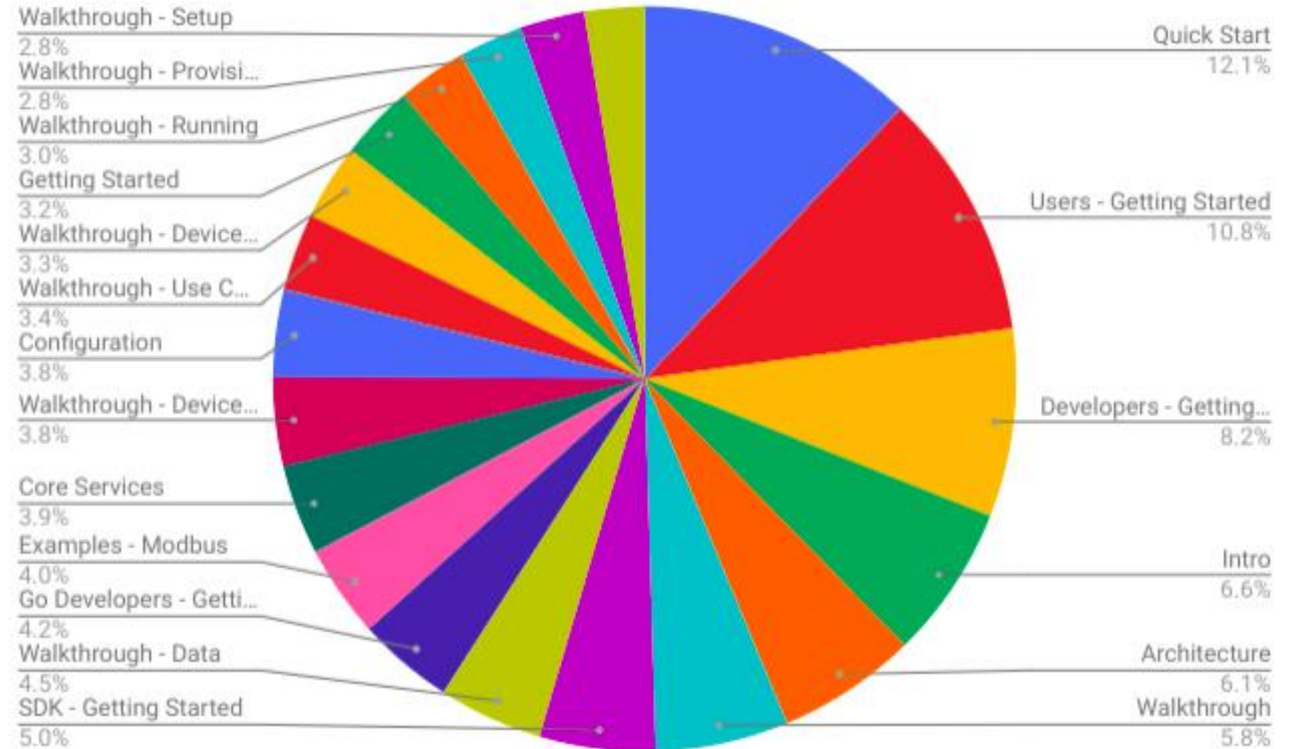
## What's the current community of users look like?

- 30,000 website users
  - 2/3 new users
- 300 Slack users
  - ~50 active daily
  - #help most active



## What are the common questions?

- Device services guide help
  - Mostly Modbus
- Docker deployment issues
  - Networking & Config
- Exporting guide help
- Custom export format
- Running on RaspberryPi



## What are the common needs?

- Documentation

- Documentation is inaccurate or hard to follow
- Missing coverage for new device services, device profiles, etc

- Ecosystem

- Need to be able to find what other people are working on
- Need to find companies who can provide services around EdgeX

- Awareness

- What is the scope of EdgeX and how does it fit into the rest of the industry?

# How do we onboard new developers better?

- Documentation improvements
  - Reorder sitemap for better flow
  - Expand OS specific developer guides
- Move Contributor Guide to docs site
- Use “bitesize” and “good first issue” labels
- Mentoring/Internship program



# How do we provide better help to the community of developers?

- Documentation versioning
  - Developers often want to work off master branch
  - Developers will eventually want to work off LTS branch
- Troubleshooting guide
  - Explain where to look for logs and error messages
- Multi-language documentation
  - Crawl: Chinese version of Quick Start & Getting Started guides
- Community support
- Cross Promotion

# How do we grow the community of developers?

- **Developer Events**

- 3-4 smaller ( < \$5,000 ) events per year, send local people
- Open source development events
- Cloud services developer events (re:Invent, MS Ignite, etc)

- **Meetups**

- Talks & Demos
- Speaker's bureau fund?

- **Blog posts**

- Need more people contributing to this!

Aggregate blog feeds from members?



# How do we provide better help to the community of users?

- Integration documentation
  - How to deploy a solution using EdgeX + other components
  - Things to do/change when deploying to production (log levels, credentials, etc)
- Marketplace for community components
  - “What device services are there for Bluetooth?”
  - “What application functions are there for connecting to Azure?”
- Vendor directory
  - Keep it up to date!
  - Search by service: “Who can I purchase support from?”
- Cross promotion

# How do we grow the community of users?

- More DevKits
  - For specific use-cases or verticals
  - For specific platforms (Ubuntu Core, Zephyr, etc)
- Training
  - Provide training & workshops for companies to send their engineers/architects to
- Articles in online publications
  - Leverage member PR teams to help get access to writers