

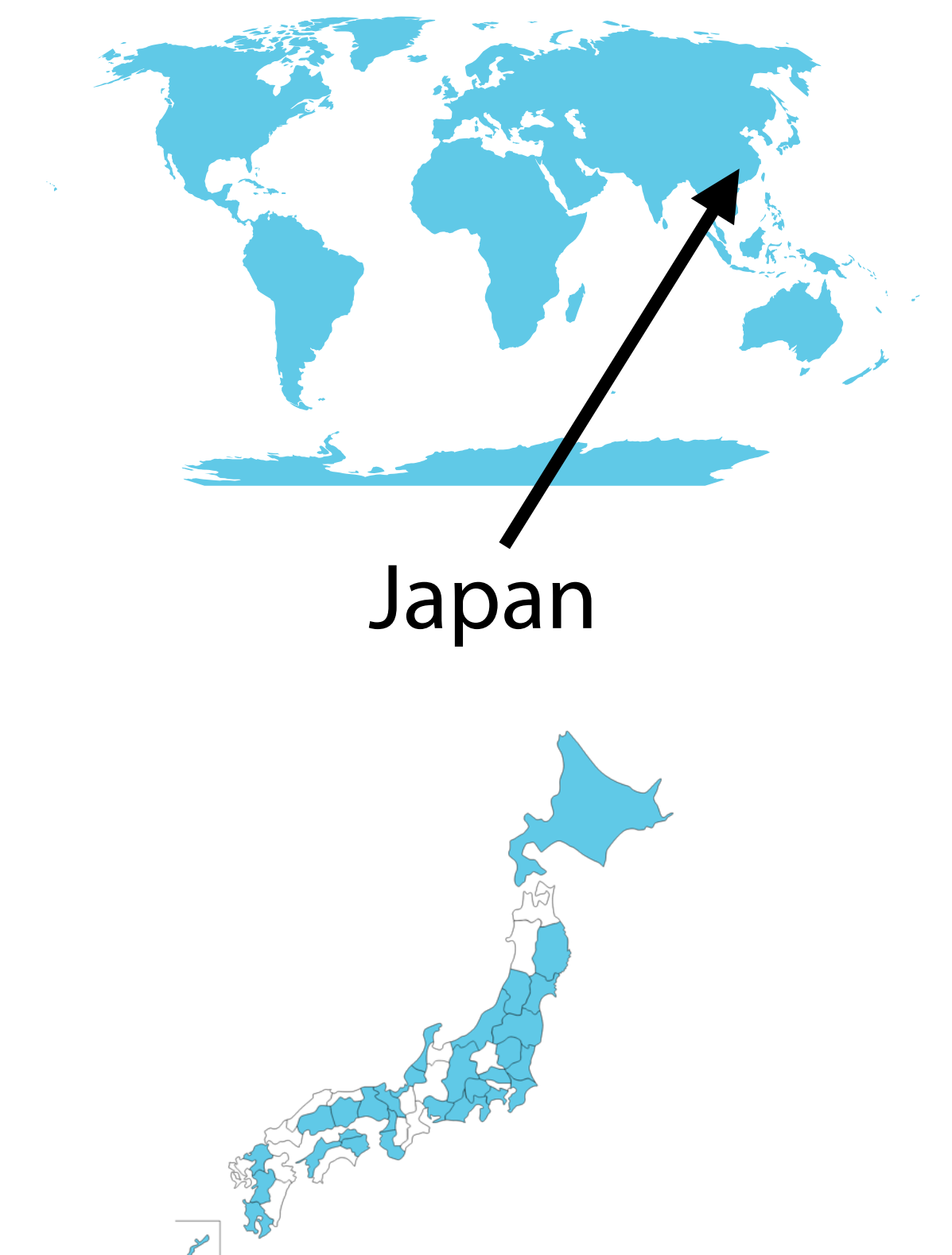


Python Boot Camp: Introduction of efforts to spread Python all over Japan

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Python Boot Camp(<https://pycamp.pycon.jp/>, #pycamp) is a Python beginner course held all over Japan. Python Boot Camp is organized by **PyCon JP Committee** and has been held 32 times in 29 prefectures starting from 2016. The purpose of the event is to expand the Python community throughout Japan, and as a result several local communities were established. In this poster session we will share about Python Boot Camp's achievements, how it is organized and how we devised it. And I would like to discuss about **how to extend this idea beyond Japan, how to expand in Japan more, next steps etc.**



About Python Boot Camp

Python Boot Camp is a **tutorial** event for **beginners of Python** and programming to get started with Python. The tutorial covers 4 hour hands-on exercises from Python basics to simple web scraping.

Timetable(Basic pattern)

12:30	Reception
13:00	Participant self-introduction , Let's start Python
14:00	Data types(int, str, float, Collection)
15:00	Snack break
15:30	File IO, module, 3rd party package, venv
16:00	Web Scraping, Web API, questions and answers
16:50	Fill in the questionnaire
17:00	End of the event -> Social Gathering Party



Purpose of Python Boot Camp

The purpose of this event is to **"Drive interest in Python in Japan"**. We aim to create opportunities for people who want to get started with Python, connect people with each other and spread Python all over Japan.

- **Meet up:** Instructors meet with local Pythonistas to increase friends.
- **Join PyCon JP:** Local Pythonistas join PyCon JP to interact with instructors and other local Pythonistas.
- **Community Launches:** Launch local Python communities and hold their own events on an ongoing basis

Background of Python Boot Camp

The **growth of PyCon JP** is exciting with the number of participants increasing every year since 2011 (136 -> 985). However, the **majority of participants** (73.2%) come from the **suburbs of Tokyo** because all venues were Tokyo. The number of technical events (as well as Python) is also overwhelmingly large in Tokyo. Because the name is "PyCon JP", we aim to spread excitement about Python throughout **all of Japan, not just Tokyo**.

Python Boot Camp's Next Step

This event is still on going.

- We want to hold Python Boot Camp in each prefecture in Japan. With events hold in 29 different prefectures, we're only **18 away** from our goal!
- In the future we'd like to hold Python Boot Camp on **advanced Python topics** like data analysis.
- Starting with the event **PyLadies Caravan**, the Python Boot Camp community is helping to connect PyLadies Tokyo members with local Pythonistas.
- We would be thrilled if people used the **Python Boot Camp model** to spread Python throughout their country.
- If you come to Japan, please contact takanori@pycon.jp (@takanory).

Please let me know if you come up with an idea that will make this event more active.

Plan of Python Boot Camp

This event can not be held unless there is a staff member who can cooperate locally. We are making various efforts to spread the event effectively.

Getting the Word Out

- Before and after the event, we write entries on the **PyCon JP blog** (<https://pyconjp.blogspot.com/search/label/pycamp>) to let people who are interested in PyCon JP know about the event and encourage them to participate and organize their own local events.
- We also post notices on several **Web magazines** each event to try and help people who don't know much about PyCon JP find the event.
- The events are always broadcast live on Twitter with the **#pycamp hashtag**. This is very good because the pleasant atmosphere of the day will be kept as a record.
- Participants are encouraged to distribute a **Python Boot Camp sticker** and put it on a PC etc. to appeal.

Labor saving and Efficient operation

- We have **Local Staff** run for office and act as event organizers. This is because only the local people know the location and the place to advertise (There is also the back purpose that the lecturer wants to eat delicious food at the party).
- There is a **Core Staff** on PyCon JP side and supports Local Staff. Core Staff always take consultation and support on Slack so that Local Staff can hold events smoothly.
- Since each event performs the same task, we organize the held tasks into a template. When we issue a **command to a chat bot** in Slack, the bot will create tasks for event hosting in JIRA.
- We have three core staff members. We select one core staff member responsible for each event, and that staff member is a good partner for local staff.
- The local staff members and TAs are volunteered by the local Pythonistas. Thankfully, people who want to spread Python locally will help. We give a **Python Boot Camp T-shirt** to those who have contributed to the event more than twice. This gift effect has increased the number of people contributing to the Python Boot Camp. Currently 19 people have this T-shirt.

Result of Python Boot Camp

Python Boot Camp has achieved the following results.

- **Meet up:** We were able to meet **808 Pythonistas** in **29 prefectures** across Japan
- **Jon PyCon JP:** In 2017, 2018 and PyCon JP held a **poster session** of the Python Boot Camp, and participants of the Python Boot Camp gathered from various places. In addition, the new encounter in the poster session led to the upcoming Python Boot Camp event. we also held the **Python Boot Camp Meet-up Party** the day before PyCon JP 2018.



Meet-up Party

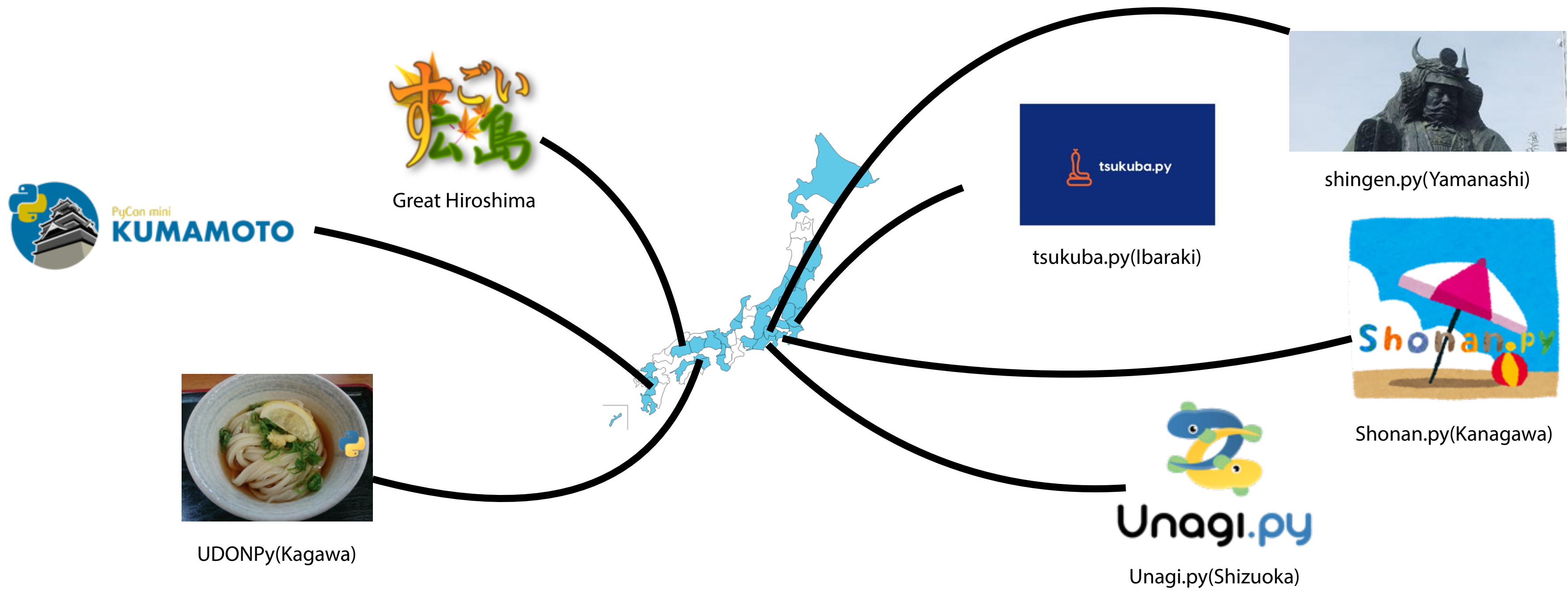


Poster session

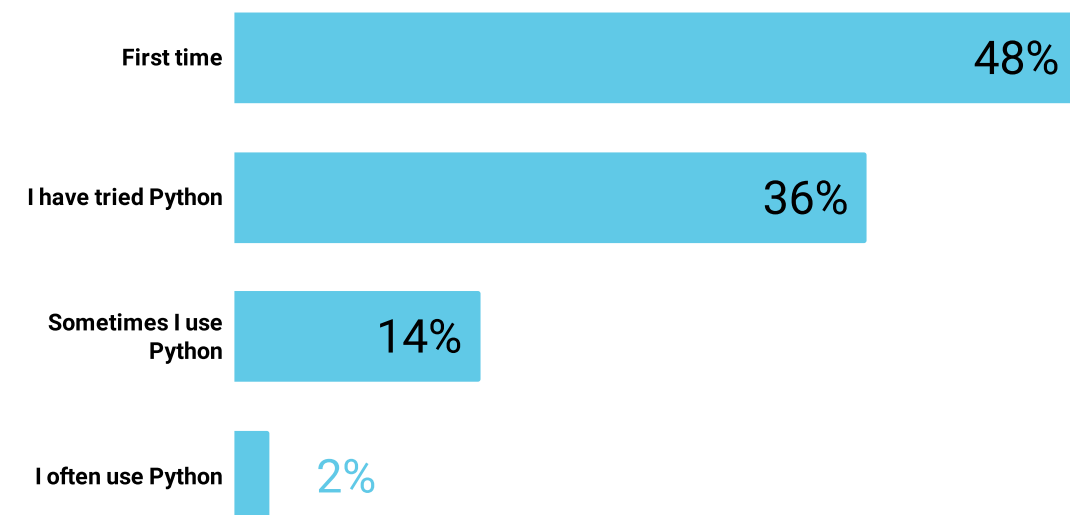
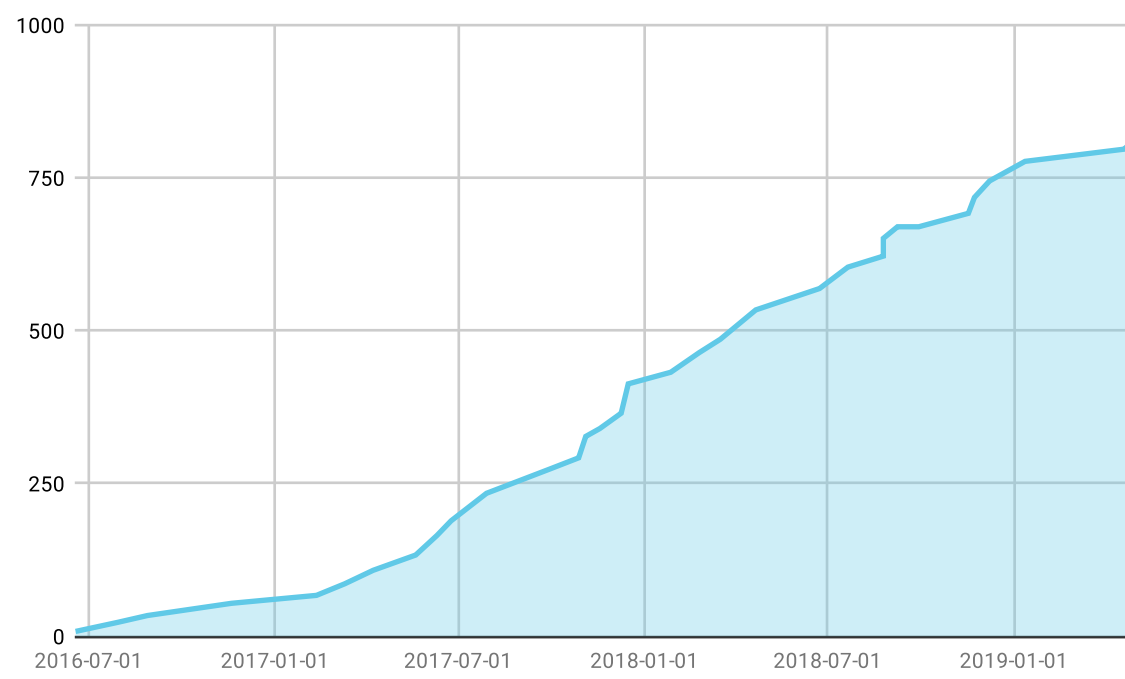


Poster session

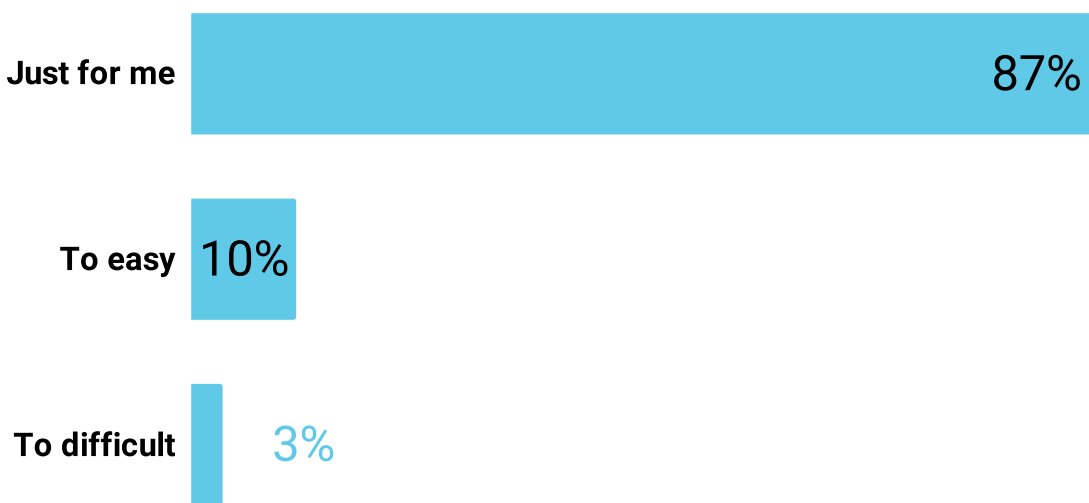
- **Community launches:** As shown in the following figure, several communities and events have started and are starting to move again with the help of Python Boot Camp.



Total number of participants



Python level of participants



Satisfaction with events