



APACHE LOCAL COMMUNITY

Indore Chapter

Open Source and The Apache Way: Through a contributor's lens

About the Speaker



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Chapter Lead



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PMC Member



APACHE LOCAL COMMUNITY
Indore Chapter



- Local groups of Apache (Open Source) enthusiasts
- Similar to Java User Group, Google Developer Group, Facebook Developer Circles, Mozilla Reps
- Bring together local enthusiasts to meet and exchange knowledge, thoughts and ideas

Agenda

- Open source software
 - History
 - Why you should know Open Source?
 - Why one should contribute to Open Source?
 - Perceptions Blocking contribution
 - How can one contribute?
 - Where to start?
- Open Source Opportunities
 - Internships
 - Jobs



Agenda

- Apache Software Foundation
 - History
 - Apache Project Ecosystem
 - The Apache Way
 - Apache Incubator
 - Where to start?



What is Open Source Software?

- Open source software is software with source code that anyone can inspect, modify, and enhance.
- Source code is released under a license in which the copyright holder grants users the rights to study, change, and distribute the software to anyone and for any purpose.
- <https://opensource.org/osd>

Open Source Software - History

- If we have some good, it must be shared, 'A childhood learning'
- Richard Stallman started the GNU Project and founded the Free Software Foundation.

Why you should know Open Source?

- It's trending!
 - COSS (Commercial Open-Source Software) ecosystem
- Offers numerous benefits:
 - Security
 - Training
 - Control
 - Stability

Why you should contribute?

- Improve software you rely on
- Improve existing skills
- Meet people who are interested in similar things
- Find mentors and teach others
- Build public artifacts that help you grow a reputation (and a career)
- Learn people skills
- It's empowering to be able to make changes, even small ones
- Give back to the community



Perceptions Blocking contribution

- I am still a beginner
- I don't know what I can contribute
- Not sure where to start
- I am not a technical person
- I don't get paid for it



How can you contribute?

- You don't have to contribute code
- Do you like planning events?
- Do you like to design?
- Do you like to write?
- Do you like organizing?
- Do you like to code?
- Do you like helping people?
- Do you like helping others code?
- You don't just have to work on software projects!



Where to start?

- Find a project
- Dive into documentation
- Read contribution guidelines
- Find a Good first issue
 - Good First Issue <https://www.firsttimersonly.com>



Open-Source Opportunities

- [Google Summer of Code program \(GSoC\)](#)
- [Google Season of Docs \(GSoD\)](#)
- [Outreachy](#) Internship
- [Open Source Immersion](#) by Facebook
- [Jobs](#)



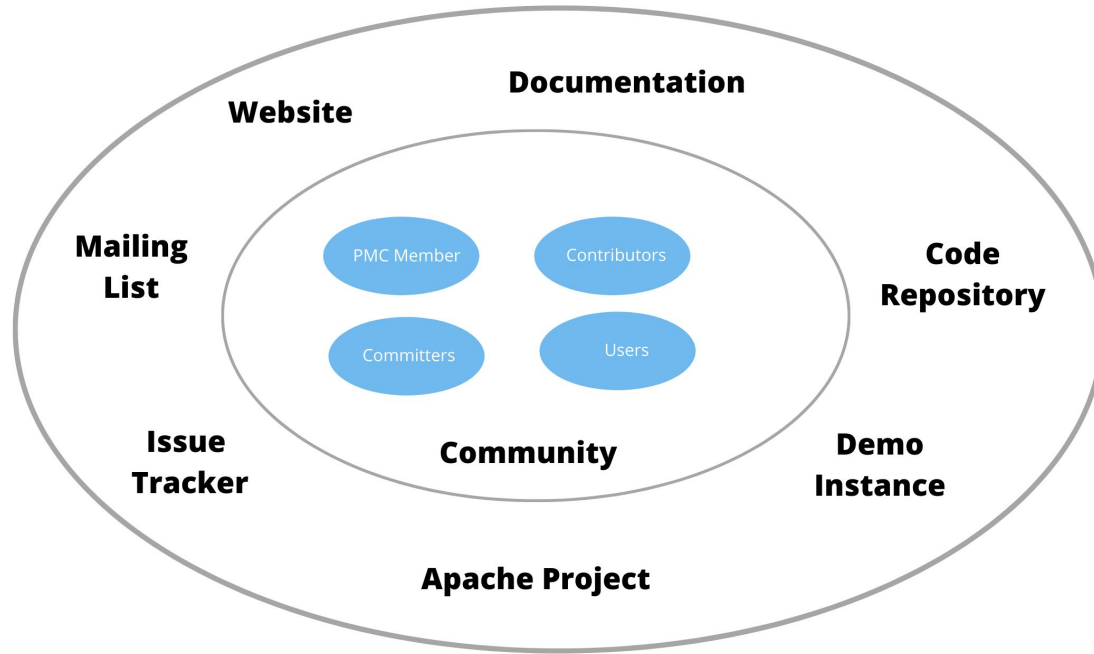
Apache Software Foundation

- The World's Largest Open Source Foundation
- Established in 1999, the ASF is a US 501(c)(3) charitable organization
- Funded by individual donations and corporate sponsors
- Our all-volunteer board oversees more than 350 leading Open Source projects, including Apache HTTP Server

History

- Started with Apache™ HTTP Web Server project - the web server often simply called "Apache".
- From the humble beginnings of less than a dozen software engineers sharing code patches via email in February of 1995, to the incorporation of the ASF in June of 1999

Apache Project Ecosystem



The Apache Way

Methodology followed to ensure collaborative environment across the projects

- Community - over code
- Merit - recognizing your work
- Communication - how we write
- Open Development - for everything
- Decision Making - consensus & Votes



- Apache Incubator is the gateway for open-source projects intended to become fully-fledged Apache Software Foundation projects.
- Curriculum for communities to learn the Apache Way
- 47 projects and 221 IPMC members (but not all are active)
- Projects usually stay 1 to 2 years in the incubator

Where to start?

- Newcomer section on Community development site.
<http://community.apache.org/newcomers/index.html>
- Finding the right project
 - <https://helpwanted.apache.org>
 - <https://projects.apache.org/projects.html>
 - <https://projects.apache.org/projects.html?category>
 - <https://projects.apache.org/projects.html?language>
- Join the community



Thank You For Your Attention



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