Coding Club
IIT Guwahati

OpenSoc Session for Hacktoberfest 2020

Speakers

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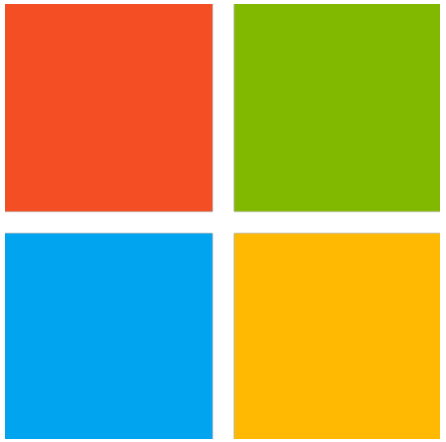
1. Why Open Source?
2. How to get started?
    a. Different Channels
    b. Git - or the beginner's nightmare
    c. Some new ways
3. Coding Club Initiatives
    a. GSoC Talks
    b. Hacktober Fest
    c. BugCompilation
4. A word on GSoC

Why Open Source ?

1. ***OpenSource*** *v/s* ***Closed Source***
2. *Why companies are switching to Open Source? (And which?)*
3. *Why should you as join? (or What's in it for you?*

Parameter	Open Source	Closed Source
Cost	Free For Use and Distribution	Paid
Security	Secure, Available to Test *	Have to take developer's word
User Experience	Multiple Developers Perspective	Closed A/B Testing
Source Code Reusability	Reusable to create any software!	Source Code not available :(



Which all company are investing in this space?

The Giants

And a lot more!

Why should you contribute?

You'll learn to:

1. Collaborate
2. Communicate
3. Deploy real world projects

You'll gain:

1. Experience
2. Contacts
3. Purpose

How to get started?

What are the prerequisites?

How to get started?

1. Setup git (or rarely hg) and Github account
2. Create a demo repo, clone it and get started with git.*
3. Dive straight right in!
   Either find a first bug or find an org and search for 'beginner' or 'good-first-issue' (A lot of places have been mentioned at the end of slide deck)
4. Claim and Communicate!

**More on git in our git session.*

Different Channels

1. Up For Grabs
2. A lot of projects use labels like beginner, easy, starter, good first bug, low hanging fruit, bitesize, trivial, easy fix, and new contributor on Github.
3. First Timers Only
4. Awesome For Beginners
5. Freecodecamp Blog
6. OpenHatch
7. Good First Bugs
8. Mentored Bugs
9. BugsAhoy

Some new ways

Coding Club Initiatives

a. GSoC Talks
b. Hacktober Fest
    i. What is Hacktober Fest?
    ii. Coding Club's Hacktober Initiative
c. BugCompilation

A word on GSoC

1. Exposure
2. Real world problems
3. Mentors
4. #SummerSorted

Thanks and Questions!