



KHARAGPUR OPEN SOURCE SOCIETY

INTRODUCTORY SEMINAR

*In real open source, you have the right
to control your own destiny.*

Linus Torvalds

WHAT IS OPEN SOURCE?

**WHO ARE OPEN SOURCE
DEVELOPERS??**

OPEN SOURCE DEVELOPERS



What my friends think I do



What my spouse thinks I do



What the users think I
should do



What enterprise
companies think I do



What I think I do



What I actually do

moz://a

Google



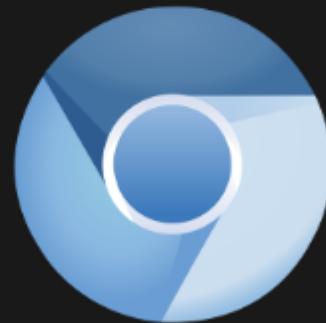
?



Who are you?



Your Daddy, son!



TRIVIA

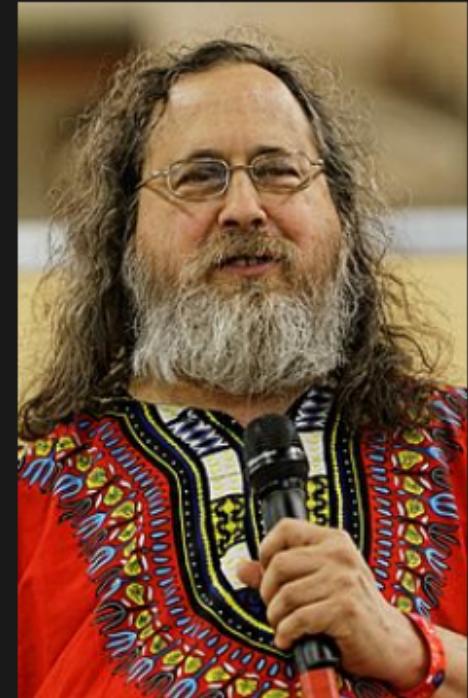
Everyone knows Steve Jobs, but do you recognise him?

Hints: You might have already used his work during programming.



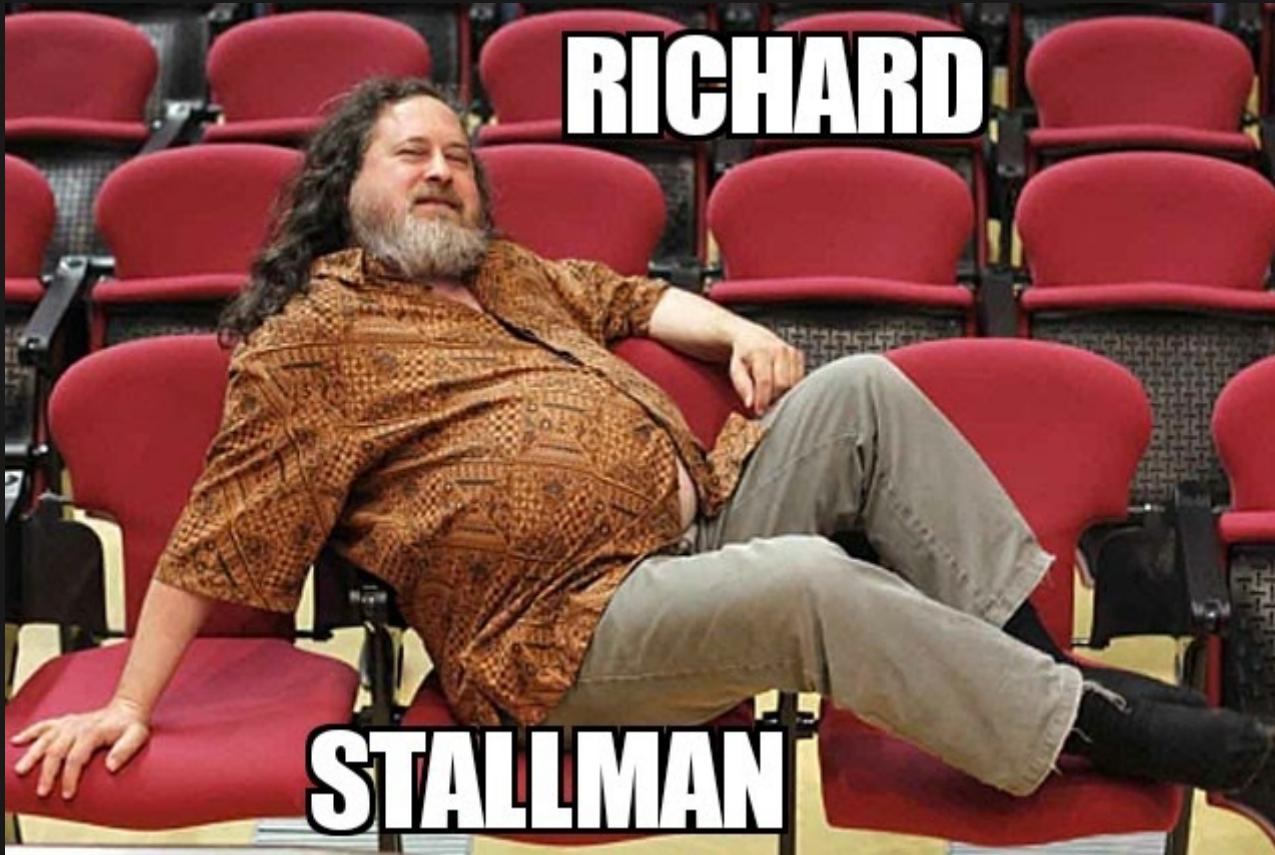
RICHARD STALLMAN

He is founder of free software movement
and developed GNU Compiler Collection
and GNU Emacs.



RICHARD

STALLMAN



ABOUT US

We are a group of Open Source Enthusiasts who focus on something more preliminary and relevant, “A Love for Coding”.

WHAT IS KOSS NOT?

CP Club: While some people here do CP, we do not focus on it much.

ML/AI Club: Again like CP, we do not focus solely on ML/AI. Although many people amongst us are enthusiasts and work on related projects.

Web Dev Club: Neither is KOSS solely a Web Development focused community.

Event Organizing Club: Well, for people not in KOSS, events are the only mode of communication between them and us. Though we focus on organizing events, KOSS is much more than that!

Research Group: We are not a Research Group and we do not come under any Professor or TSG.

GSoC Preparation: We do not prepare our members for programs/competitions like GSoC.

WHAT IS KOSS?

We are a group of FOSS enthusiasts in IIT KGP and attempt to promote the Open Source Culture in Campus.

For the growth of the technical know-how of the junta as a whole, we organize workshop all the year round.

Some of which include:

Git & Github workshop

Python Workshop

REST APIs Workshop

Linux and Vim Workshop

Kharagpur Winter of Code

THEN WHY BOTHER JOINING?

If you love building things for practical usage, you'll find a lot of like-minded people here.

People here are experts in their own fields. Got any questions? Just ask in #queries.

You can find people interested in InfoSec, Web Development, System Design, Blockchain, AI, DevOps and any tech buzzword you can name on this planet. Besides, you'll also get a lot of KGP fundae here.

Other important aspects of a KOSS member's life are
the fun music and game sessions.

WHAT DO WE DO?

WORKSHOPS

Python Classes

Git Workshop

GoLang Classes

JS Classes

Hacking Workshop

EVENTS

KWoC

Open Source Summit

GSoC Seminar

Internal Talks

PROJECTS

Imagery

Stockplot

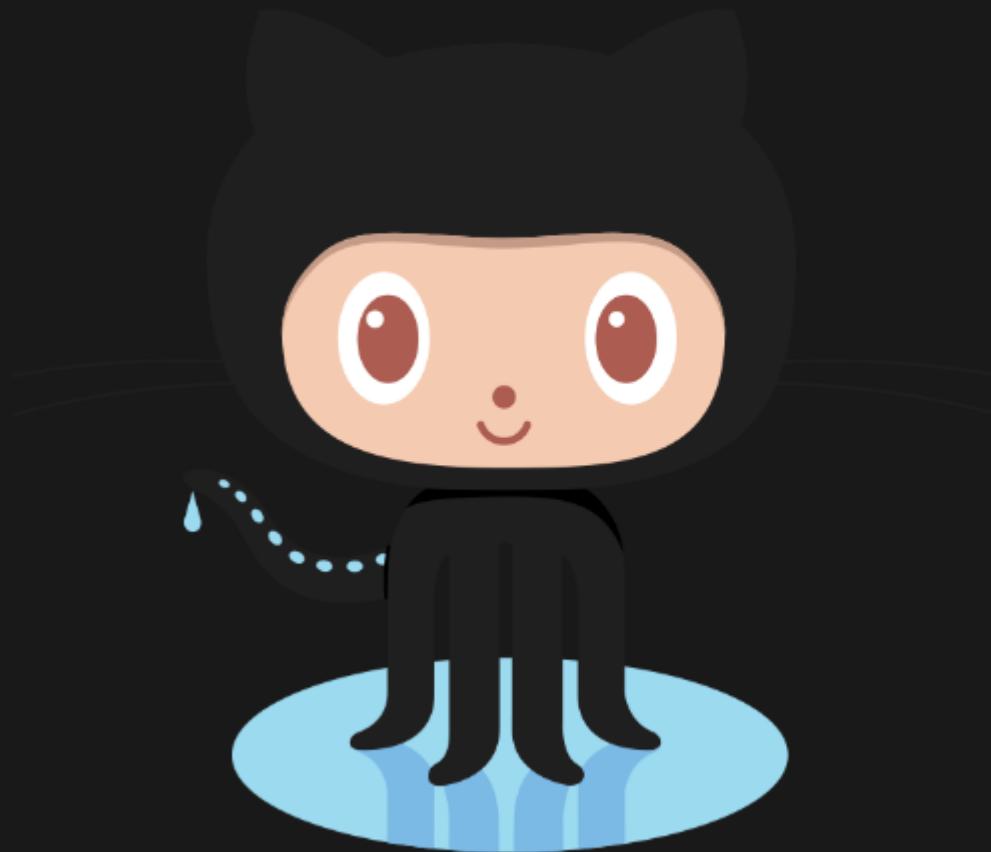
CARE

After using Linux
for a day



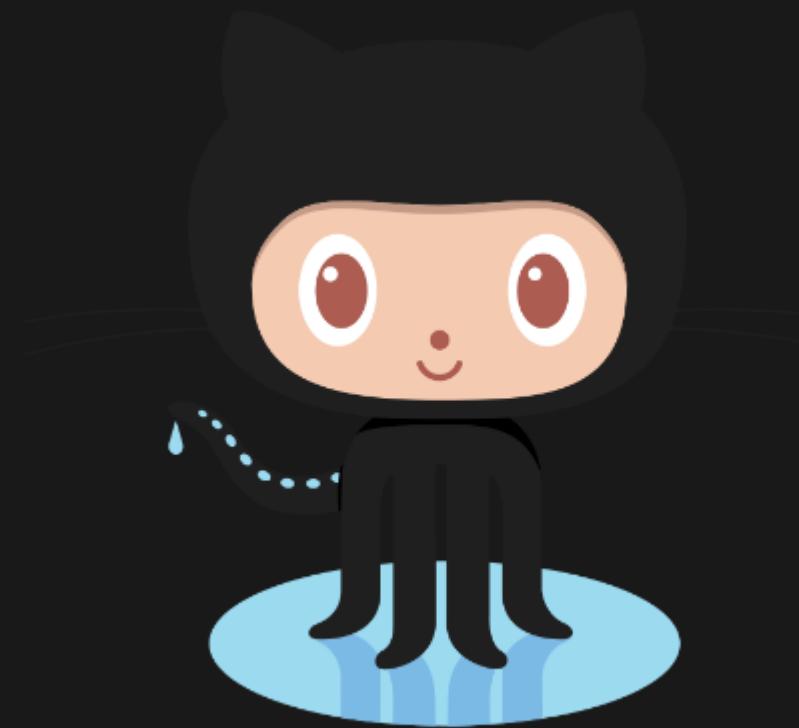
TRIVIA

Identify the
mascot



OCTOCAT

The official
mascot of
GitHub



TRIVIA

Identify this major linux distribution infamous for being insanely hard to install.



ARCH LINUX!

Of the “BTW, I
use Arch” fame



Have you heard about our lord and saviour?



Join us at
slack.metakgp.org

OUR PROJECTS

Metakgp Wiki

Kronos

MFQP

Chillzone

MCMP

Erp-auto-login

GYFT

WIMP

Naarad

... and counting

Checkout all our projects:

<https://github.com/metakgp>

Demo-days & Cash prizes

Join us at
slack.metakgp.org

See you there!



KHARAGPUR WINTER OF CODE (KWOC)

A one month long programme for introduction to Open Source in which people got to know how to contribute to real world software and helped to make some really interesting projects which have practical importance in the outside world.

KWOC'17 STATS

Students Registered: 2771

Mentors Registered: 69

From KGP: 29

Not From KGP (India): 36

Not From India: 4

Projects Registered: 104

Students with at least one commit : 274

KWOC'18 STATS

Students Registered: 2500+

Mentors Registered: 80+

Projects Registered: 120+

Students with at least one commit : 300+

KWOC'19 STATS

Students Registered: 2500+

Mentors Registered: 150+

Projects Registered: 200+

Students with at least one commit : 300+

KWOC'20 STATS

Students Registered: 2500+

Mentors Registered: 150+

Projects Registered: 200+

Students with at least one commit : 300+



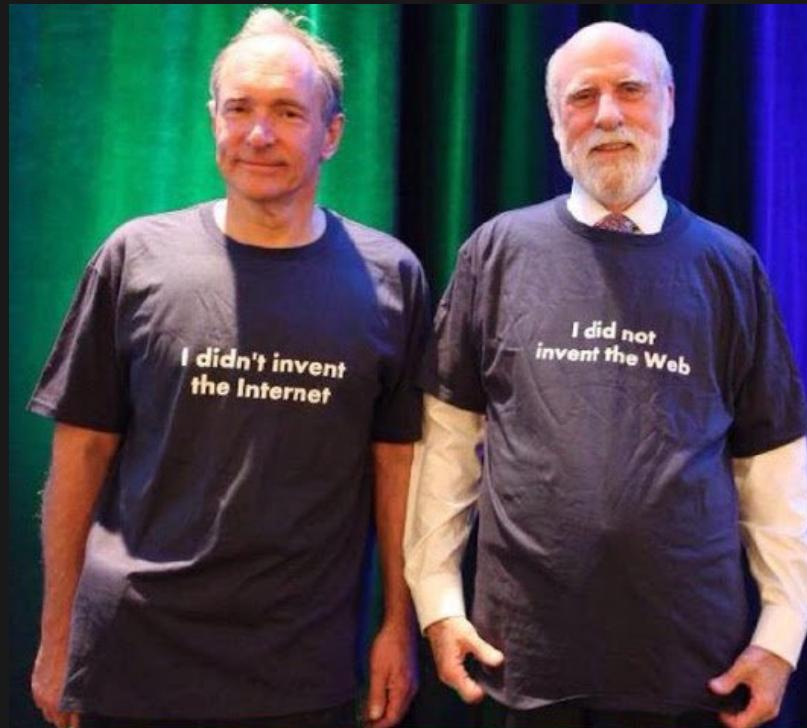
TRIVIA



Expand GNU

GNU's Not Unix

TRIVIA



Identify the person on the left.

Tim Berners Lee (L)
Vint Cerf (R)

TRIVIA



Identify these badges on GitHub.

Mars 2020 helicopter contributor
Arctic code vault contributor

IDENTIFY OPEN SOURCE ALTERNATIVES

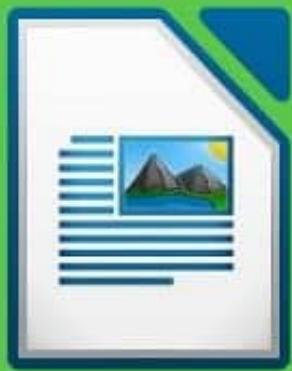




jitsi.org



Microsoft
Word



LibreOffice
Writer



WhatsApp

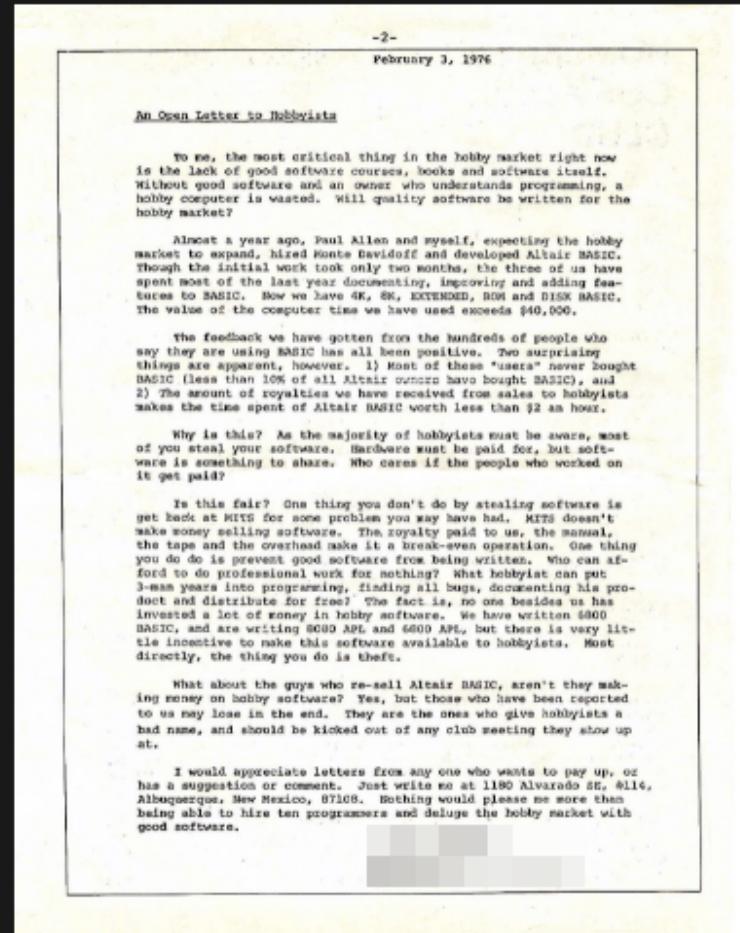


Signal

TRIVIA

The founder of this company condemned Open Source developers openly in a letter.

Fast forward 40 years it has confessed it's love for Open Source !



Microsoft ❤️ Linux

TRIVIA

Identify the logo
and name the
parent
organization.



PYTORCH

Parent Company: Facebook

 **Elon Musk** 
@elonmusk

Replying to @an_open_mind and @jjvincent

Facebook sucks

2:10 PM · May 14, 2020 · Twitter for iPhone

1,846 Retweets 431 Quote Tweets 10.9K Likes

 **Yann LeCun** @ylecun · May 15, 2020

Replying to @elonmusk @an_open_mind and @jjvincent

Tesla engineers and scientists be like "can we still use PyTorch though?"

 **PyTorch at Tesla - Andrej Karpathy, Tesla**
Hear from Andrej Karpathy on how Tesla is using PyTorch to develop full self-driving capabilities for ...
♂ youtube.com

 12  78  1K 

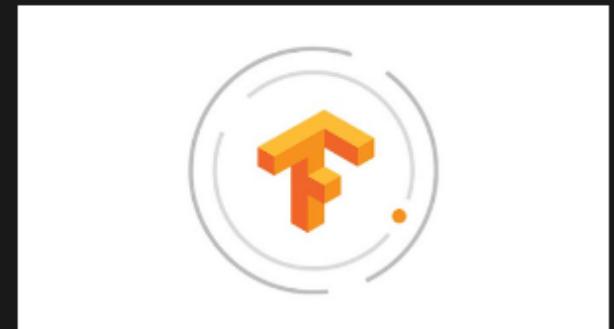
 **Elon Musk** 
@elonmusk · May 15, 2020

Fair point, PyTorch is great!

 49  136  1.7K 

TRIVIA

Identify the logo and name the parent organization.



TENSORFLOW

Parent Company: Google

TRIVIA

Identify the logo and name the parent organization.



APACHE SOFTWARE FOUNDATION!

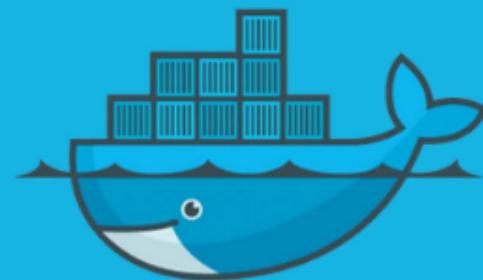
One of the largest open source organisations that
supports projects like:

Apache HTTP Server

Apache Kafka

TRIVIA

Identify
the logo



DOCKER

TRIVIA

“I am an egotistical bastard and name all my projects after myself, first X and then Y”. ID X and Y.(His projects).



LINUS TORVALDS

‘Father of Linux’ and
Creator of one of the
best VCS Git



TRIVIA

Why Linus
Torvalds doesn't
use Ubuntu or
Debian?



HARD

Because he found it difficult to install

QnA

We are up for questions now.
Ask any doubts you have.

SELECTIONS

- Keep looking out on our FB page, we'll post an update soon!
- We'll be having our selections soon!

Why did people create huge, comprehensive websites like Wikipedia for free?

 Re-Ask

Follow 74

Comment

Share 14

Downvote

...

Jimmy's Answer

[View 64 Other Answers](#)



Jimmy Wales, Founder, Wikipedia

196.2k Views • Upvoted by Claire J. Vannette, occasional Wikipedia editor and
compulsive Wikipedia user • Alon Amit • Sudhanshu Mishra • 19 others you follow

Because it's awesome.

Written 20 Feb, 2014 • View Upvotes • Asked to answer by Gunaseelan Mani and Viet Vu

Upvoted | 13.7k

Downvote

Comments 66+

Share 87

...

Do cool
things that
matter ▲ ▲ ▲