

DAN SCHLOSSER | ADI | DEVFEST

A HACKATHON FOR ALL

MAKING HACKATHONS ACCESSIBLE

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SYMPTOMS

SYMPTOMS

FIRST-TIMERS STRUGGLE



SYMPTOMS

FIRST-TIMERS STRUGGLE

ATTENDEES > DEMOS



SYMPTOMS

FIRST-TIMERS STRUGGLE



ATTENDEES > DEMOS

HackCon Talks Schedule [Prel... dan.r.schlosser@gmail.com

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100%

Note: all talks and topics are followed by a Q&A / discussion.

This schedule is tentative. If you're tagged in a comment, please respond to the comment to confirm that you can make it and are good to give this talk.

Speaking Guidelines: Your talk is 5 minutes long (followed by Q&A unless you hear otherwise :).

If there's a great talk opportunity that is missing here, email alexey@alexeymk.com and let him know!

Saturday, Feb 1st
At **Alley NYC** (500 7th Avenue, 17th floor)

930 Breakfast

1000 Kick-off and introductions

1030 Topic: A brief history of hackathons
Jonathan Gottfried, Twilio Evangelist

1100 Getting Newbies Attending and Productive
Lightning talks followed by discussion

- Dan Schlosser from ADICU (Columbia)
- Clara Wu from PennApps
- Molly Long from Brown
- Dennis Li from Duke

1200 Topic: Hackathon Management
Lightning talks on past approaches

- Bryan Clavnoole from PennApps on Logistics & Crisis Management

"I'm not smart enough to go..."

- SOPHOMORE / CS MAJOR @ COLUMBIA



HACKATHONS ARE INTIMIDATING

HACKATHONS ARE INTIMIDATING

"HACKATHON CULTURE"



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RANKINGS

A screenshot of the Major League Hacking (MLH) website showing the hackathon rankings. The top navigation bar includes links for Schedule, News, and About. The main content area features a large orange box with the text "1ST" and a white robot icon. Below this, the University of Maryland is listed as the top-ranked team. A table below shows the top ten ranked universities along with their attendance and merit points.

	Attendance Points	Merit Points
University of Maryland	320	666.66
University of New Jersey, The State University of New Jersey	217	661.66
Carnegie Mellon University	128	625
Massachusetts Institute of Technology	56	442.5
Columbia University	92	300
University of Michigan	99	200
Cornell University	20	200

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RANKINGS

The screenshot shows the Major League Hacking (MLH) website's ranking page. The top navigation bar includes links for Schedule, News, and About. The main content area features a large orange box with a white robot icon and the text "Maryland 1ST". Below this, a table lists the top ten universities based on attendance and merit points.

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Stanford University	20	200

PRIZES



TAKE-AWAY

HACKATHONS ARE
BUILT BY HACKERS
FOR HACKERS.



REFRAMED QUESTION

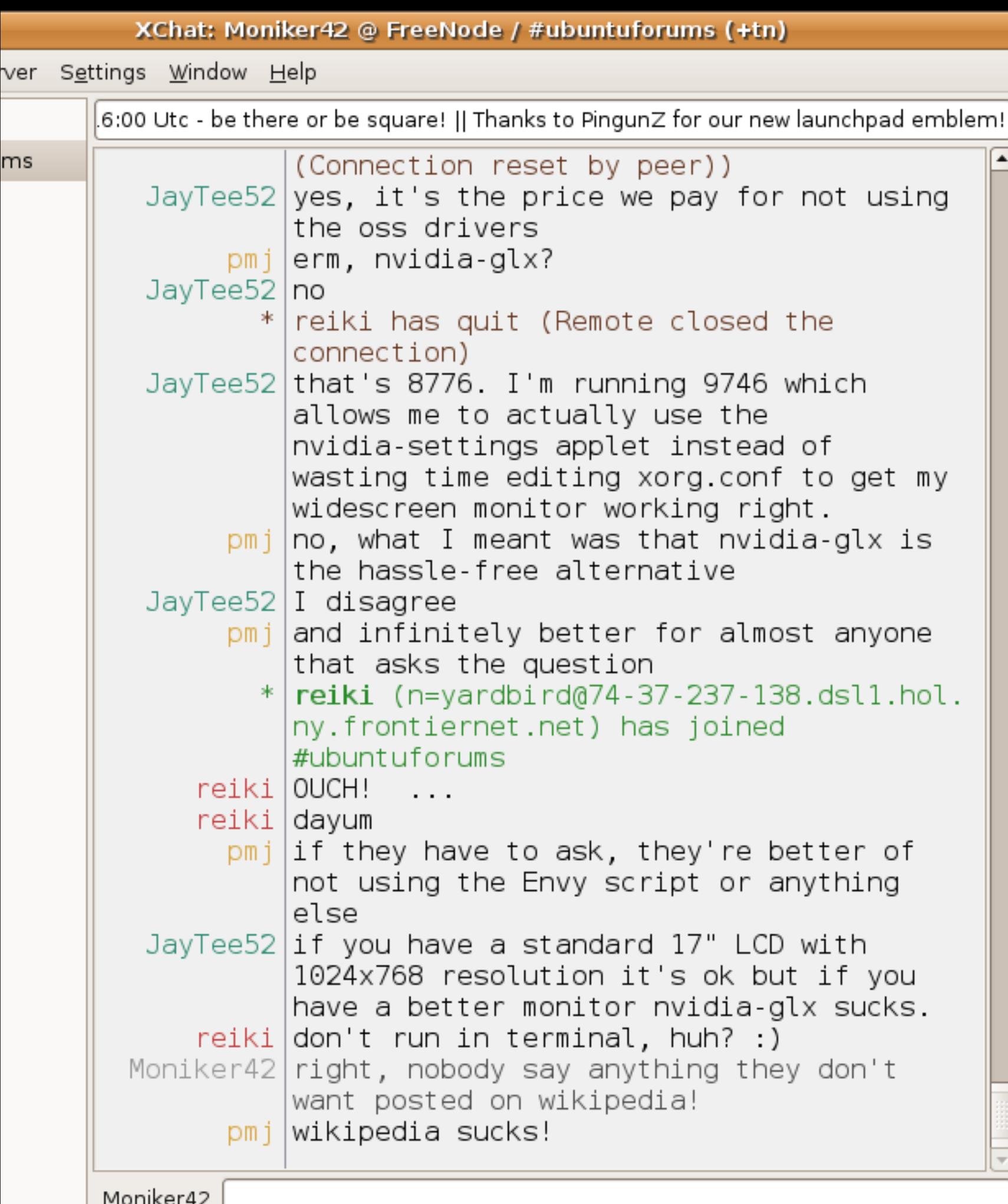
HOW DO WE MAKE HACKATHONS MORE
ACCESSIBLE?



ACCESSIBILITY: WHAT DOESN'T WORK

ACCESSIBILITY: WHAT DOESN'T WORK

IRC HELP ROOMS



ACCESSIBILITY: WHAT DOESN'T WORK

IRC HELP ROOMS

XChat: Moniker42 @ FreeNode / #ubuntuforums (+tn)

Server Settings Window Help

6:00 Utc - be there or be square! || Thanks to PingunZ for our new launchpad emblem!

JayTee52 (Connection reset by peer))
yes, it's the price we pay for not using
the oss drivers
pmj erm, nvidia-glx?
JayTee52 no
* reiki has quit (Remote closed the
connection)
JayTee52 that's 8776. I'm running 9746 which
allows me to actually use the
nvidia-settings applet instead of
wasting time editing xorg.conf to get my
widescreen monitor working right.
pmj no, what I meant was that nvidia-glx is
the hassle-free alternative
JayTee52 I disagree
pmj and infinitely better for almost anyone
that asks the question
* reiki (n=yardbird@74-37-237-138.dsl1.hol.
ny.frontiernet.net) has joined
#ubuntuforums
reiki OUCH! ...
reiki dayum
pmj if they have to ask, they're better off
not using the Envy script or anything
else
JayTee52 if you have a standard 17" LCD with
1024x768 resolution it's ok but if you
have a better monitor nvidia-glx sucks.
reiki don't run in terminal, huh? :)
Moniker42 right, nobody say anything they don't
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pmj wikipedia sucks!

MENTORS*



ACCESSIBILITY: WHAT DOESN'T WORK

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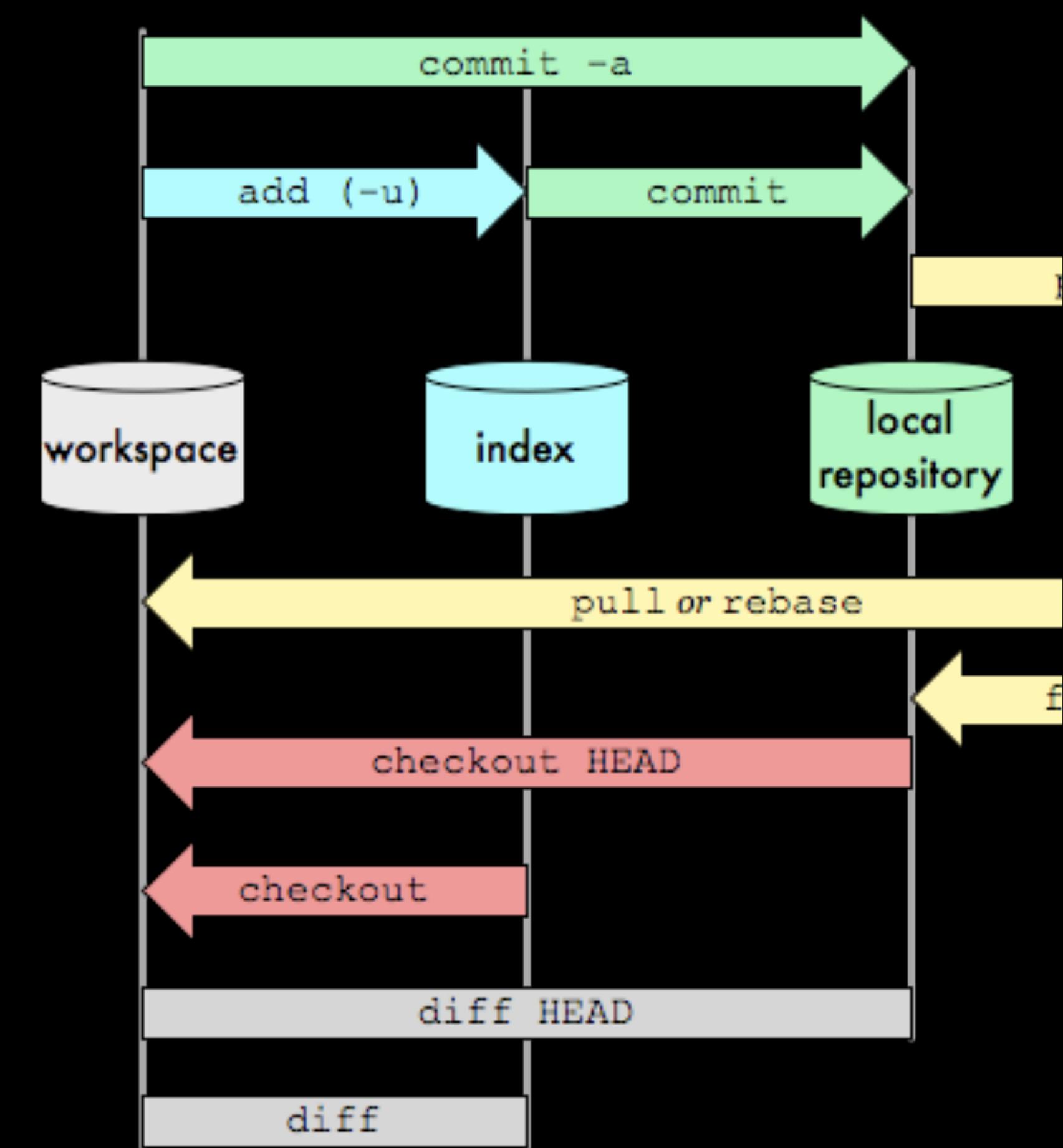
pmj

Moniker42

MENTORS*



INTRO-GIT



TAKE-AWAY

A 1-HOUR “INTRO TO
APIs” TALK DOES
VERY LITTLE FOR
FIRST TIME HACKERS.

```
e: {
ps: [
  {
    type: "places",
    name: "Matching Places",
    - items: [
      - {
        id: "4be40357d27a20alaa75935b",
        name: "Indira Gandhi International Airport (DEL)",
        contact: {},
        - location: {
          address: "Indira Gandhi International Airport",
          city: "New Delhi",
          state: "India",
          lat: 28.55448289261816,
          lng: 77.0896053314209,
          distance: 12291
        },
        - categories: [
          - {
            id: "4bf58dd8d48988d1ed931735",
            name: "Airport",
            pluralName: "Airports",
            icon: "https://foursquare.com/img/categories/travel/airport.png",
            - parents: [
              "Travel Spots"
            ],
            primary: true
          },
          - {
            id: "4bf58dd8d48988d1eb931735",
            name: "Airport Terminal",
            pluralName: "Airport Terminals",
            icon: "https://foursquare.com/img/categories/travel/airport_terminal.png",
            - parents: [
              "Travel Spots",
              "Airports"
            ]
          }
        ],
        verified: true,
        - stats: {
          checkinsCount: 3724,
          usersCount: 1838
        },
        - hereNow: {
          count: 0
        }
      },
      - {
        id: "4b6f9e1ef964a52010f82ce3",
        name: "Gurgaon Delhi Toll Gate",
        contact: {}
      }
    ]
  }
]
```

ACCESSIBILITY: WHAT WORKS

ACCESSIBILITY: WHAT WORKS

HELPFUL PEERS



ACCESSIBILITY: WHAT WORKS

HELPFUL PEERS



EVERYBODY DEMOS



ACCESSIBILITY: WHAT WORKS

HELPFUL PEERS



EVERYBODY DEMOS



FAMILIAR FACES



TAKE-AWAY

COMMUNITY
EDUCATION

LIVES CHANGED



REAL LEARNING AT A HACKATHON

CAN IT BE DONE?



ADI DOESN'T STOP AFTER DEVFEST

WORKSHOPS, RESOURCES, COOKIES & CODE, TECH TALKS, SPEAKERS, ADI HOUSE



TAKE-AWAY

NEVER STOP BUILDING
THE INFRASTRUCTURE
THAT SUPPORTS LEARNING
AND COMMUNITY



An Accelerated Introduction to Web Development

Building a webapp in Flask.

Written and developed by [Dan Schlosser](#) and [ADI](#).

About This Document

[Top](#)

Methodology

For the purposes of learning to make a web application using [Flask](#), we will write an entire web application, taking time to dissect how each piece functions and fits. Each section is intended to be modular, but working in order is recommended.

This document teaches the CSS and HTML programming languages, as well as the Flask Python library.

Prerequisites

Basic knowledge of the Python programming language is suggested. If you don't already know Python, checkout [this ADI-developed tutorial](#). No knowledge of HTML, CSS or Flask is expected or required.

The End Product

We will be building a web application throughout this series, called "Has it Been Made Yet?". It should let users type in a few keywords for a hackathon idea, and then it will tell them whether or not someone has made that idea and hosted it on [GitHub](#). GitHub is a social network for [open-source](#) code, and is the most popular place for programmers to host their projects (and therefore, a great place to check for our app).

Fork me on GitHub

The intro to web development curriculum for DevFest <http://adicu.com/intro-webdev> — Edit

85 commits 2 branches 0 releases 7 contributors

branch: master devfest-webdev / +

Update README.md

danrschlosser authored just now latest commit e41820f151

File	Description	Time Ago
build	add google analytics to generated html	4 days ago
img	finish first draft	12 days ago
python-solutions	Write exercises for Python curriculum	5 days ago
webdev-solutions	Write two Flask extensions	4 days ago
.gitignore	add build system for md->html	10 days ago
README.md	Update README.md	just now
build.sh	update readme and delte duplicate folder	4 days ago
webdev_curriculum.md	Write two Flask extensions	4 days ago
webdev_python_curriculum.md	Update webdev_python_curriculum.md	6 hours ago

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85 commits · 2 branches · 0 releases · 7 contributors

branch: master / devfest-webdev / +

Update README.md · danrschlosser authored just now · latest commit e41820f151

build · add google analytics to generated html · 4 days ago

img · finish first draft · 12 days ago

python-solutions · Write exercises for Python curriculum · 5 days ago

webdev-solutions · Write two Flask extensions · 4 days ago

.gitignore · add build system for md->html · 10 days ago

README.md · Update README.md · just now

build.sh · update readme and delte duplicate folder · 4 days ago

webdev_curriculum.md · Write two Flask extensions · 4 days ago

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TAKE-AWAY

THEY LEARN TO
CODE BY DOING.
HELP THEM DO.



DAN SCHLOSSER | ADI | DEVFEST

THANKS!

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