

Libre (FLOSS) Software for Bike Collective Shops

The purpose of this workshop is to gently introduce the audience to the current state of Free Software designed specifically for the operation of Community Bike Shops.

After discussing why FLOSS(ing) is good for the health of your Bike Collective

We will study demonstrations of useful software at <http://bikebike.wvcompletestreets.org>, and how the development of new features specific to the needs of bike collectives can be expedited by the whole community through simple actions.

“Give me liberty, or give me death!”

- Patrick Henry

**Virginia Convention in 1775, at St. John's
Church in Richmond, Virginia**

“Give me libre software, or give me death!”

- Jonathan Rosenbaum

**Bike! Bike! Southeast 2016, at Rag & Bones in
Richmond, Virginia**

“Free software” means software that respects users' freedom and community. Roughly, it means that the users have the freedom to run, copy, distribute, study, change and improve the software. Thus, “free software” is a matter of liberty, not price. To understand the concept, you should think of “free” as in “free speech,” not as in “free beer”. We sometimes call it “libre software” to show we do not mean it is gratis.

- Free Software Foundation

Why FLOSS?

Free/Libre and Open Source Software

It sounds cool

More people are familiar with the word Open
Source

And there is not enough time today to discuss the
political differences

Why I got very interested in FLOSS for Bike Collectives

**Bike Collective Systems Analyst Job
Available!**
Yearly Salary: volunteer-only

Ready Made FLOSS Solutions

Enterprise Resource Planning (ERP)

Odoo, OpenBravo, webERP

Constituent Relationship Management (CRM) for NonProfits

CiviCRM

Bike! Bike! 2014 in Columbus, Ohio

TheThinkTank Mailing List to the rescue!

Next Step

Study existing community driven FLOSS efforts

Community Bike Shop Libre Software Demos

Docker Containers

Used for all live demos @

<http://bikebike.wvcompletestreets.org>

Bike Kitchen POS

“A custom point-of-sale program for the Mac.”

Free Hub

“Freehub is a member and shop visit application implemented in Rails by the San Francisco Bike Kitchen.”

BikeBinder

“BikeBinder is Free Ride's Inventory System application.”

BikeShed

“Bikeshed is Velocipede's User, Sales, and Bike Inventory Web App.”

Yellow Bike Database

“Yellow Bike Project's Hours and Transaction Database”

SignIn App

“The Sign In App is a mobile app to track Volunteer, Member, Staff or Earn a bike hours.”

Newest addition

Broke Spoke Shop Management System

Source code has not been released.
Status unknown.

Community Development

FLOSS!

BUT DO IT CORRECTLY

Release Early, Release Often, and listen to your
Constituents.

BUT I AM NOT A DEVELOPER

HOWEVER

Software Developers wanted!

REQUIREMENTS: Must be able to troubleshoot and repair used bikes.

Your Bike Collective can be the hero!

**COMPENSATE COMMUNITY DEVELOPERS
FOR NEW FEATURES**

Why has FLOSS for Bike Collectives been moving so slowly?

1. Time
2. Just for my bike collective

IS SOMEONE OUT THERE FLOSSING? SHOW ME THE SOURCE

I keep track of FLOSS for bike collectives, and encourage bike collectives who have their own solutions to consider releasing their code under an appropriate FLOSS License to the public.

Need application hosting and/or libre software development for your bike collective?

Who are you going to call ..

Jonathan Rosenbaum

GNUSER@GMAIL.COM

