Fedora: Freedom, Friends, Features, First

Rakesh Pandit,
Feora Maintainer

Overview

- Free/Libre/Open Source Software

- Copyright, Licenses, Trade Secrets

- How community projects work ?

- How Free/Open source distributions work?

Overview

· Backporting

· Fedora Values

· How can you help ?

· Applications

Overview

- Michael Tiemann's Open source triple play (Institute perspective)
- Innovation

Free/Open Source/Libre Software

Details

- Freedom
- Open source has made a mark

Details

- Green
- One Laptop Per Child

Details

- Open source leads the way
- Fedora = Community leader

Details

- Take action

- Be greedy!

Copyright, License, Trade Secrets

Details

- Copyright
- Public Domain

Details

- License on rights gauge
- Free/Libre/Open Source Licenses

Details

- Protective licenses

  e.g GPLv2

- Non-protective licenses

  e.g BSD

Details

- Trade secrets
- Trademarks

How community projects work?

Community Projects & Contributors

Student Contributor

Idea

Anonymous Contributor

Hobbyist, Altruists!

Contributor (Professional)

Community Project

Faculty Contributor
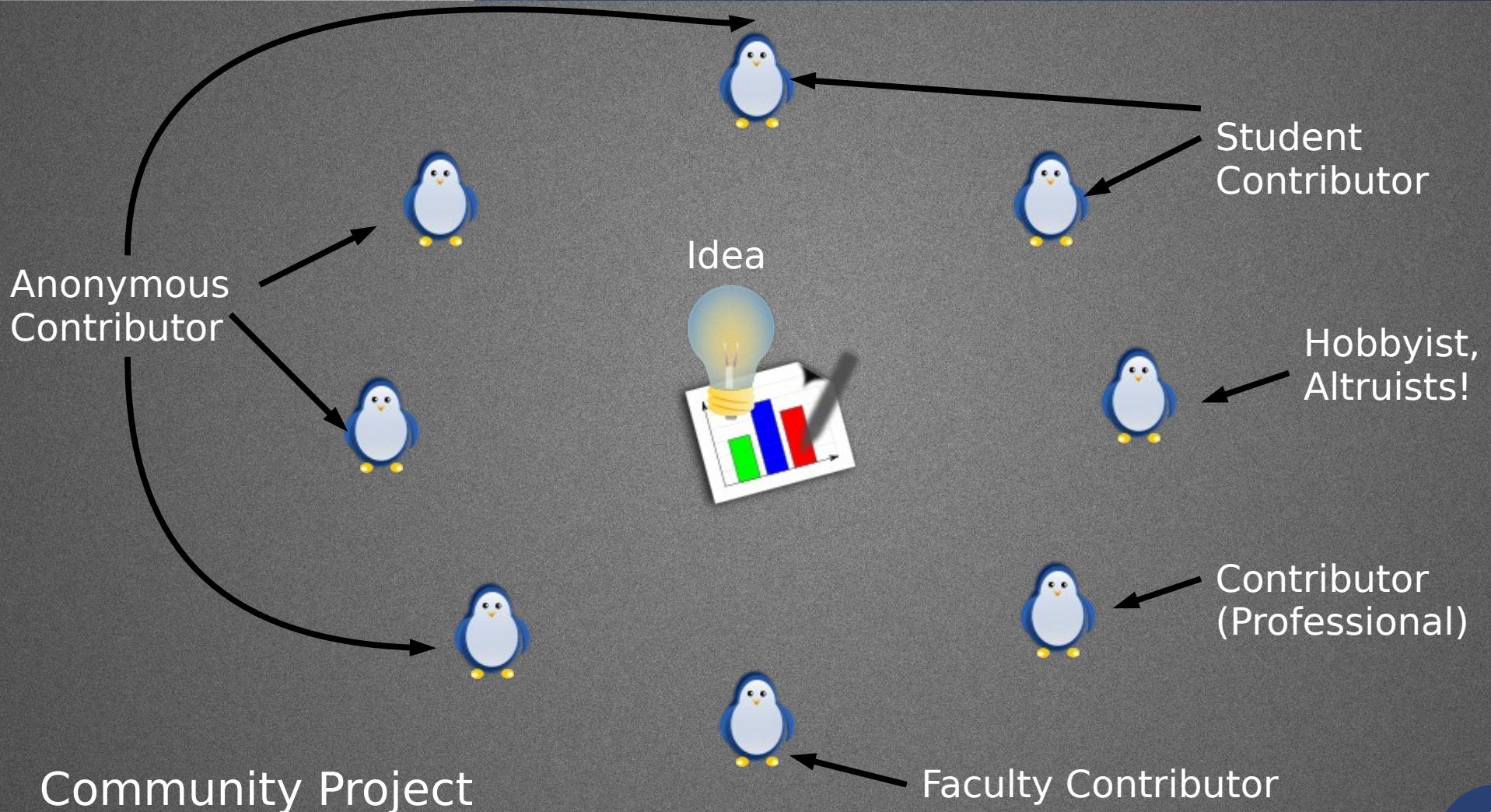
Distributions

Distribution Project

Distribution
Contributor
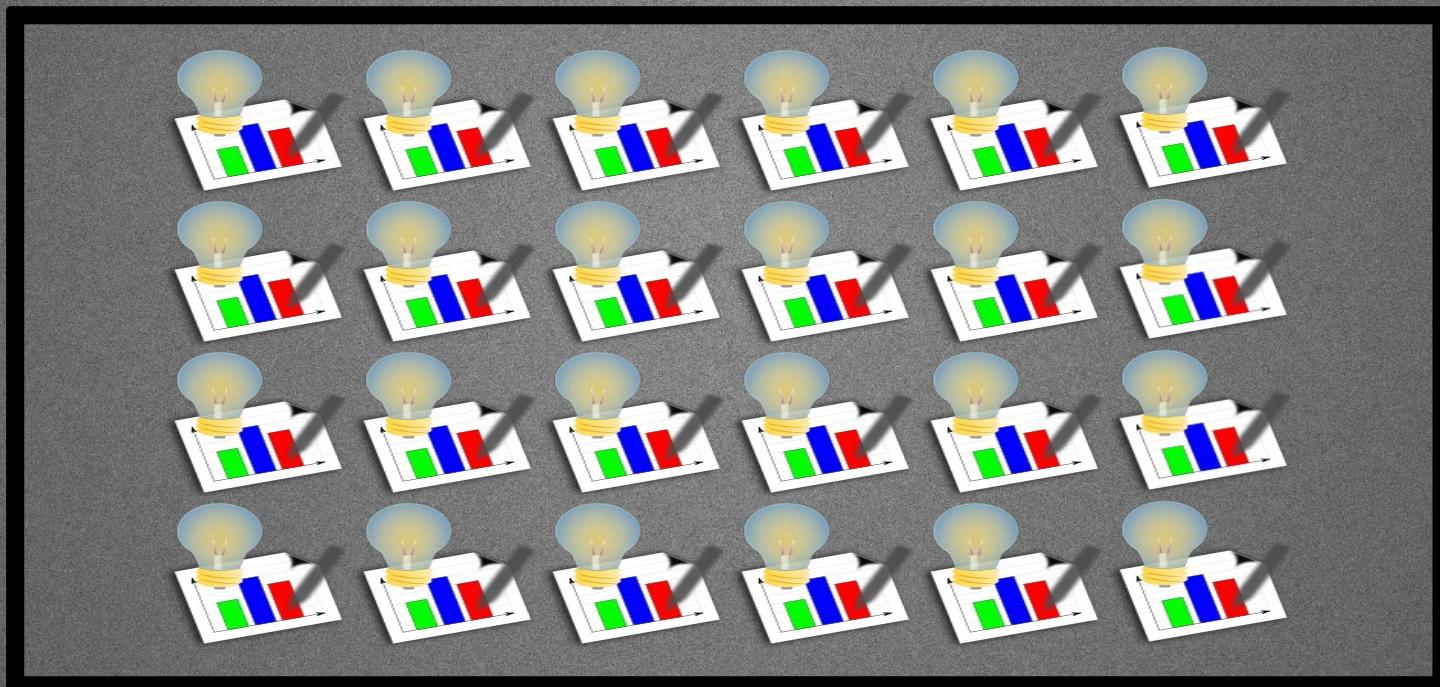
Relation between Projects and Distributions

Upstream

1.1 Critical Bug#2 **1.2**

Bug#1

Bug#4

Security Fix
Bug#3

Fast!

Distribution

1.1 **1.1 + Bug#2**

**1.1 + Bug#2
+ Security
Bug#3**

Backporting
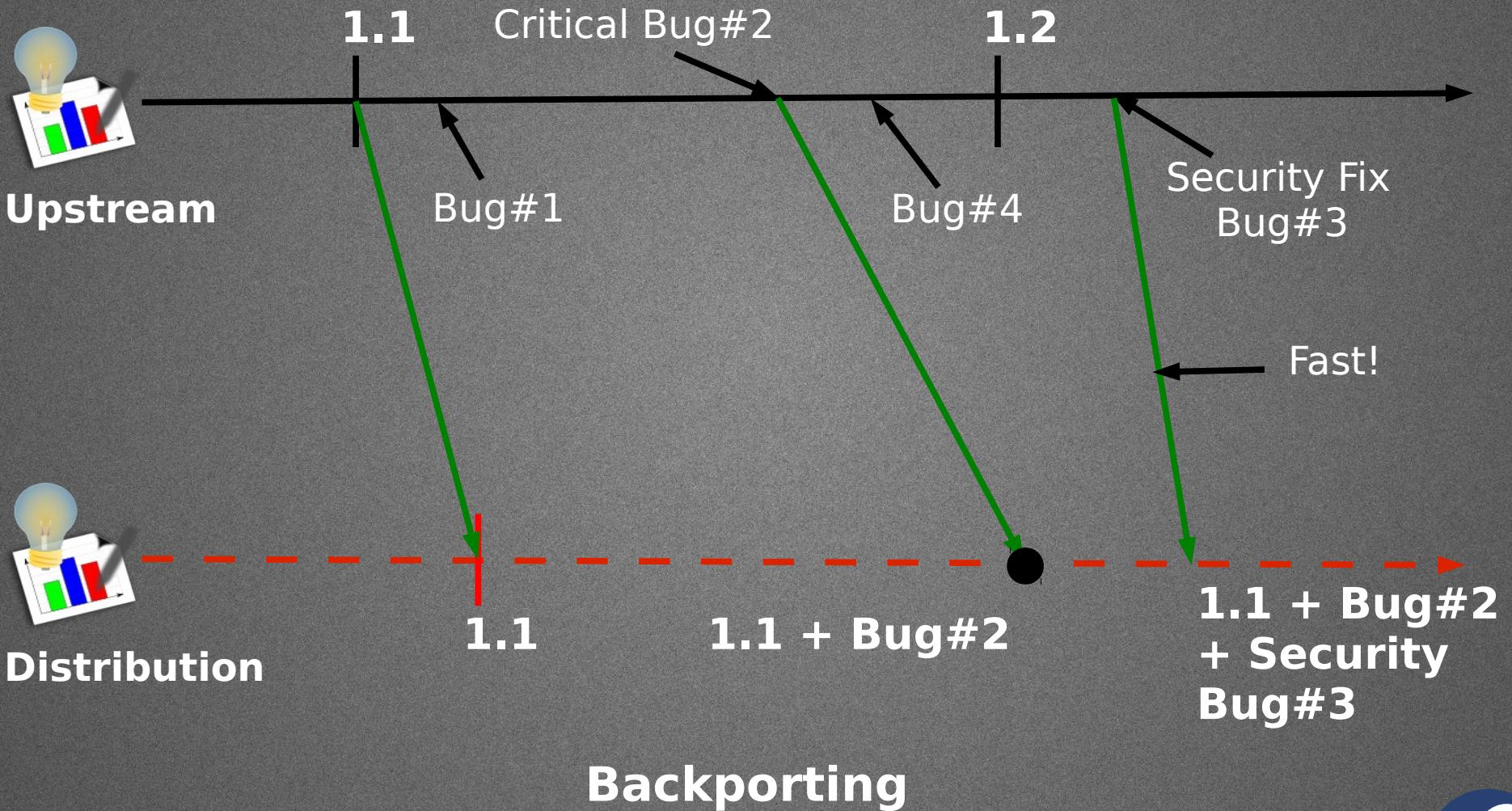
Fedora Values

Fedora Values

- Freedom
- Friends
- Features
- First
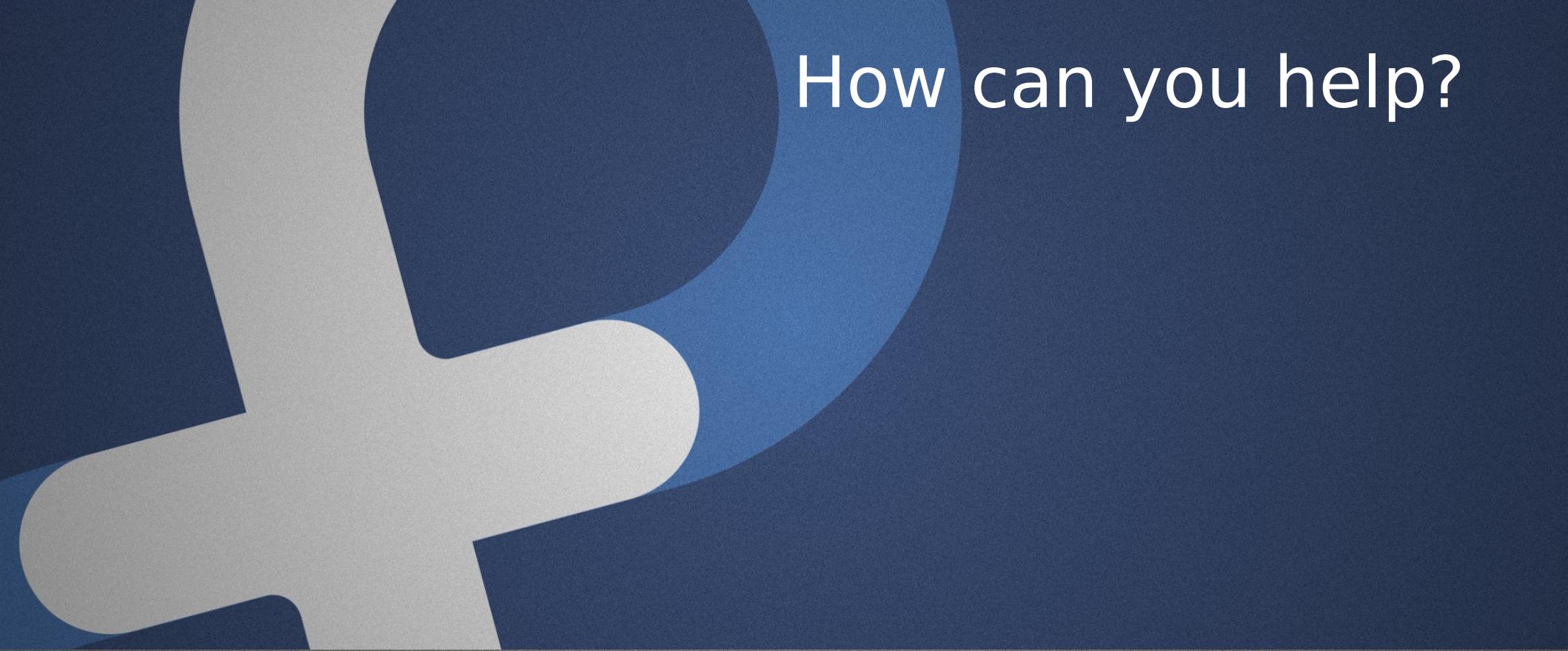
How can you help?

Details

- Be a user

- Base your work on Fedora

- Report issues

Details

- Interact with local community
- Interact with Fedora users community

   Mailing list

   IRC (Chat)

Details

- Fedora wiki information
- Make noise
- Communication is important

Fedora wiki

Communicating_and_getting_help page

Fedora Project

- Ambassadors

- Documentation

- Artwork

Fedora Project

- Infrastructure

- Websites

- Marketing

Fedora Project

· Distribution

· Mentors

· Live CD Tools

Applications

Demo

- Quick Scientific library demo

  Bessel functions

$$x^2\frac{d^2y}{dx^2} + x\frac{dy}{dx} + (x^2 - \alpha^2)y = 0$$

- Mayavi2 Heart CT Scan

- Virtualization

Spins

- Game Spin
- Electronic Lab
- Security Spin
- Design Suit

Electronics and Electrical

- Circuit simulation

- PCB Designing

- VLSI designing

- Embedded design etc

Mech, Civil & Arch

- Gnu Plot
- Gfortrain
- Mayavi2
- GSL library

Mech, Civil & Arch

- Seismic Structural Analysis
- OpenSees – Earthquake Engineering
- GRASS GIS – Geographical Resource/Analysis Support System

Mech, Civil & Arch

- CAD
  - * ThanCAD
  - * Terrainengine
- Washed – Wed Assisted Hydraulic Engineering Design

Details

- Michael Tiemann's Open source triple play (Institute perspective)
- Innovation

Questions?

Contact:
rakesh.pandit@gmail.com
rakesh@fedoraproject.org

Thank you!

Next Step:
http://fedoraproject.org