



Fedora Overview

How's Fedora created?

Presented by

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Today's Topics

1. Introduction to Fedora
2. Governance overview
3. Scheduling & development milestones
4. How to contribute?
5. New Fedora 19 Features

Jaroslav Řezník

- Now Fedora Program Manager
- Fedora Board member
- Software engineer – Fedora/RHEL developer, KDE, system configuration and management
 - Red Hat employee (BRQ)
- Open heart ;-)
 - Openmobility
 - Linux v Brně

Fedora

Fedora

- Linux distribution as an integration effort (upstream vs downstream)
 - Based on Red Hat Linux (RHL) – 2003
 - Red Hat Enterprise Linux (RHEL)
 - Fedora = Fedora Core + Fedora Extras
 - Version 7
 - Anniversary? Fedora 20!

Fedora



- Values
 - Freedom
 - Friends
 - Features
 - First

Governance

- Fedora is a community project
 - Sponsored by Red Hat
 - Developed in community together
- Meritocracy
- Fedora Engineering and Steering Committee (FESCO)
- Fedora Board
- Other teams and SIGs

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FESCo

- All members are elected by community
 - 9 members, elected for two releases, every half year
- FESCo
 - Accepts new features
 - “Solves” technical and communication issues
 - Sponsors new packager sponsor etc.

Fedora Board

- Executive team of Fedora
 - Sets strategic goals
 - Trademarks
 - Etc.
- Fedora Project Lead (FPL) is always Red Hatter
 - Now Robyn Bergeron
- 4 appointed members by FPL
- 5 elected members by community

FAmSCo

- Fedora Ambassadors Steering Committee
 - 7 elected members
 - You can meet ambassadors here (Fedora booth)
- Sales of open source :)
- Leading ambassadors
 - Coordination
 - Budget

Other teams and SIGs



- SIG = special interest group
 - (Mostly) independent groups within Fedora (desktops, cloud, big data)
- Other teams
 - Design team, Docs
 - FPC = Fedora Packaging Committee
 - Fedora QA (quality assistance)
 - Release Engineering, Infrastructure, Etc.
 - In Red Hat usually under Fedora Engineering Team

Elections

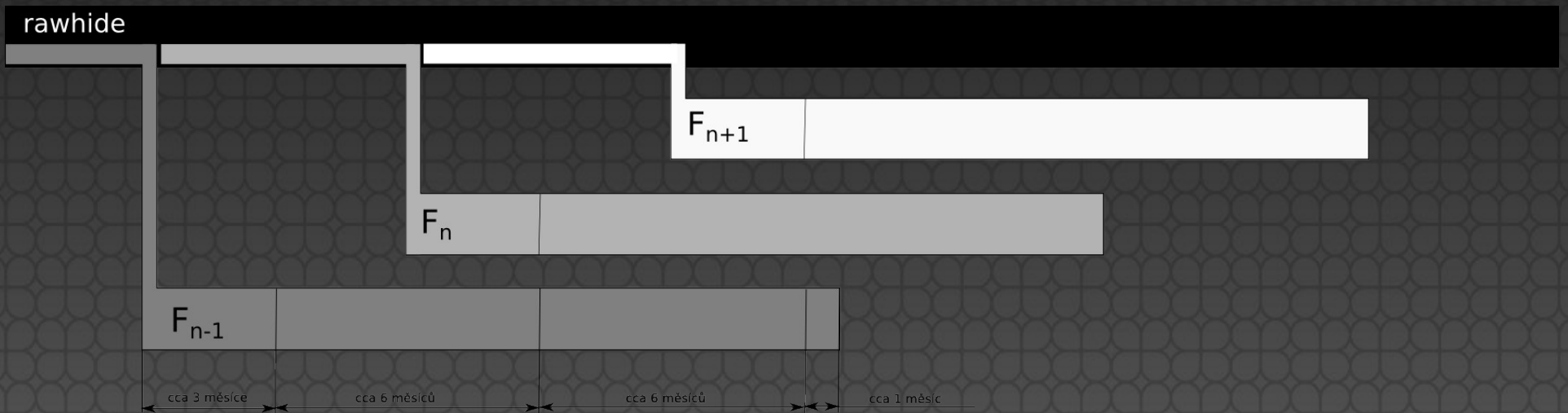
- Fedora 19 is?
- Fedora 20 will be??? It's up to you!
- Elections for every release (so every 6 months)
 - Board, FESCo, FAmSCo, name
- Coming soon!!!

Scheduling

Scheduling

- Two releases per year
 - As close as possible to October 31st and May 1st
 - But we try “to plan” it now
- Every release is supported for one year (and month)
 - We have to stable releases (Fn and Fn-1)
 - Now F17 and F18, F19 under development and rawhide
- For example
 - <http://fedoraproject.org/wiki/Releases/19/Schedule>

Scheduling



Scheduling

- Phases overlaps (planning, development, testing and launch)
- No formal sign offs
 - But milestones (we adjust schedule based on scope now)
 - Release Readiness meetings

Milestones

Planning/Development



- Development of releases overlaps
- Feature/Changes Submission Deadline
 - Proposed Features has to be submitted to be accepted by FESCo
 - New process: Feature/Changes Announcements renaming, system wide vs self contained changes
- Feature Freeze
 - All Features has to be substantially done and testable – development ends

Testing/Launch



- Alpha/Beta/Final
 - Test Composes (starts 4 weeks before milestone), validated by QA
 - Change Freezes to stabilize release (-2 weeks)
 - Release Candidate – no blocker bugs are known
 - <http://qa.fedoraproject.org/blockerbugs>
 - Readiness meeting and Go/No-Go meeting

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Contribute!

Many Ways to Contribute

- Bug Reporting
- Testing (test days)
- Localization
- Documentation
- Packaging
- Development
- Design&Artwork
- Promoting

Test Days

- Focused on features that are going to land in the next version of Fedora.
- Prepared by professionals.
- Help by the community and Fedora engineers.
- Easy to test.
- https://fedoraproject.org/wiki/QA/Test_Days

Summary

- Community driven but with big Red Hat influence
- Fast spinning distribution
- Easy to contribute

Questions?



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