The day that Red hat became closed source

- Martin Juhl Prendergast, Komplex it

Questions?

Summarize

How did CentOS / RHEL used to work

Now it works like this

How CentOS Stream / RHEL now works

How CentOS Linux / RHEL used to work

CentOS Stream and RHEL

CentOS Stream and RHEL

Fedora development

Red Hat Enterprise Linux

Dig a little deeper

Summer+Fall 2020

Announcements
- Sunset of CentOS 8 by the end of 2021
- Sunset of CentOS 7 in 2024
- CentOS becomes CentOS Stream

June 2023

Reactions

Turn back the wheels of time

Summer+Fall 2020

Reactions

June 2023

Announcements
- Source RPMS will no longer be available on ftp.redhat.com
- CentOS Stream will now be the only source code available

Fall of 2019

Announcements
- Release of CentOS 8
- Release of CentOS Stream

Introduction

- CentOS was shutdown
- Source code was removed
- Red Hat didn't seem to care

- Is this the beginning of the end of Red hat as an Opensource company?

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- CentOS was shutdown
- Source code was removed
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Turn back the wheels of time

Fall of 2019

Announcements

- Release of CentOS 8
- Release of CentOS 8 Stream

- CentOS 8 Stream's purpose was never really probably described

Summer+Fall 2020

Announcements

- Sunset of CentOS 8 by the end of 2021
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"The rebuild of Red Hat Enterprise Linux (RHEL), to CentOS Stream, which tracks just ahead of a current RHEL release."

"If you are using CentOS Linux 8 in a production environment, and are concerned that CentOS Stream will not meet your needs, we encourage you to contact Red Hat about options"

Summer+Fall 2020

Reactions

"This is dumb. The entire premise and the only reason anyone uses CentOS is because it's rebuilt RHEL. Congratulations on undermining that, nitwits."

"For every RHEL server I have I have ten CentOS boxes. I had just started migrating to CentOS 8. Stream is not an option, I need stability and dependability, not another Fedora."

"This will create compatibility problems. I need the assurance of binary compatibility, and I personally work on installed RHEL servers, but do not have access to install or update my own."

Partition: https://www.change.org/p/centos-governing-board-do-not-destroy-centos-by-using-it-as-a-rhel-upstream - 12500 signed

June 2023

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"Violate the spirit and purpose of open source."
- Greg Kurtzer (Rocky Linux)

"Red Hat's business model "skirts" GPL violation but had only twice previously violated the GPL in newsworthy ways"
- Bradley M. Kuhn (Software Freedom Conservancy)

"Freeloaders"
- Red hat

OpenELA

OpenELA is a trade association of open source Enterprise Linux distribution developers Our mission is to provide a secure, transparent, and reliable Enterprise Linux source that is globally available to all as a buildable base.

Check out our news

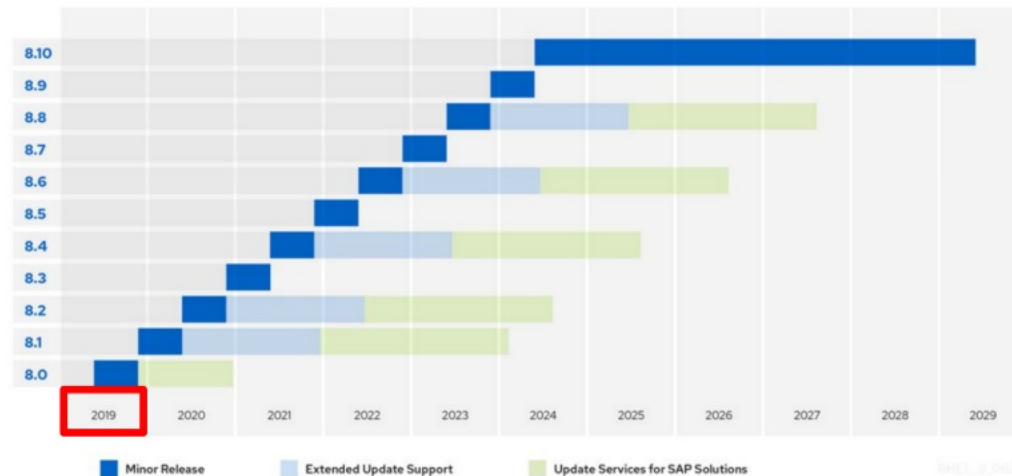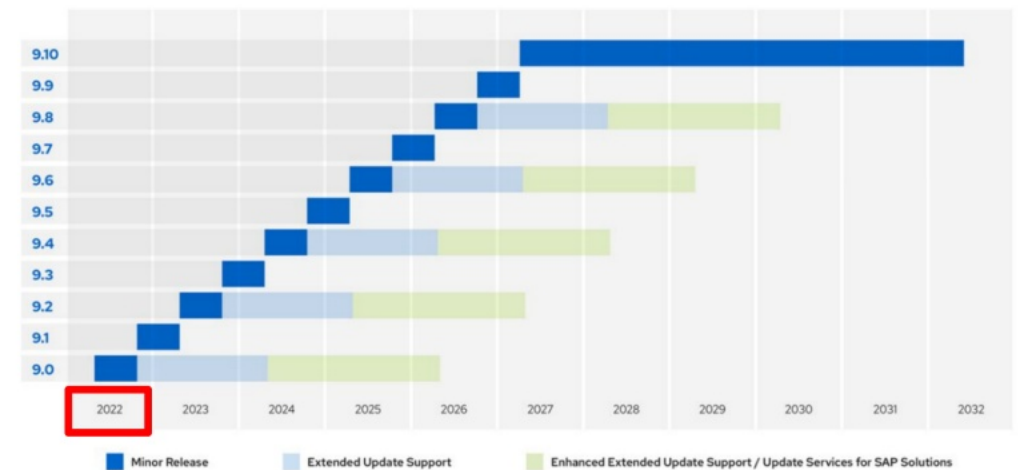# Dig a little deeper

Fedora development
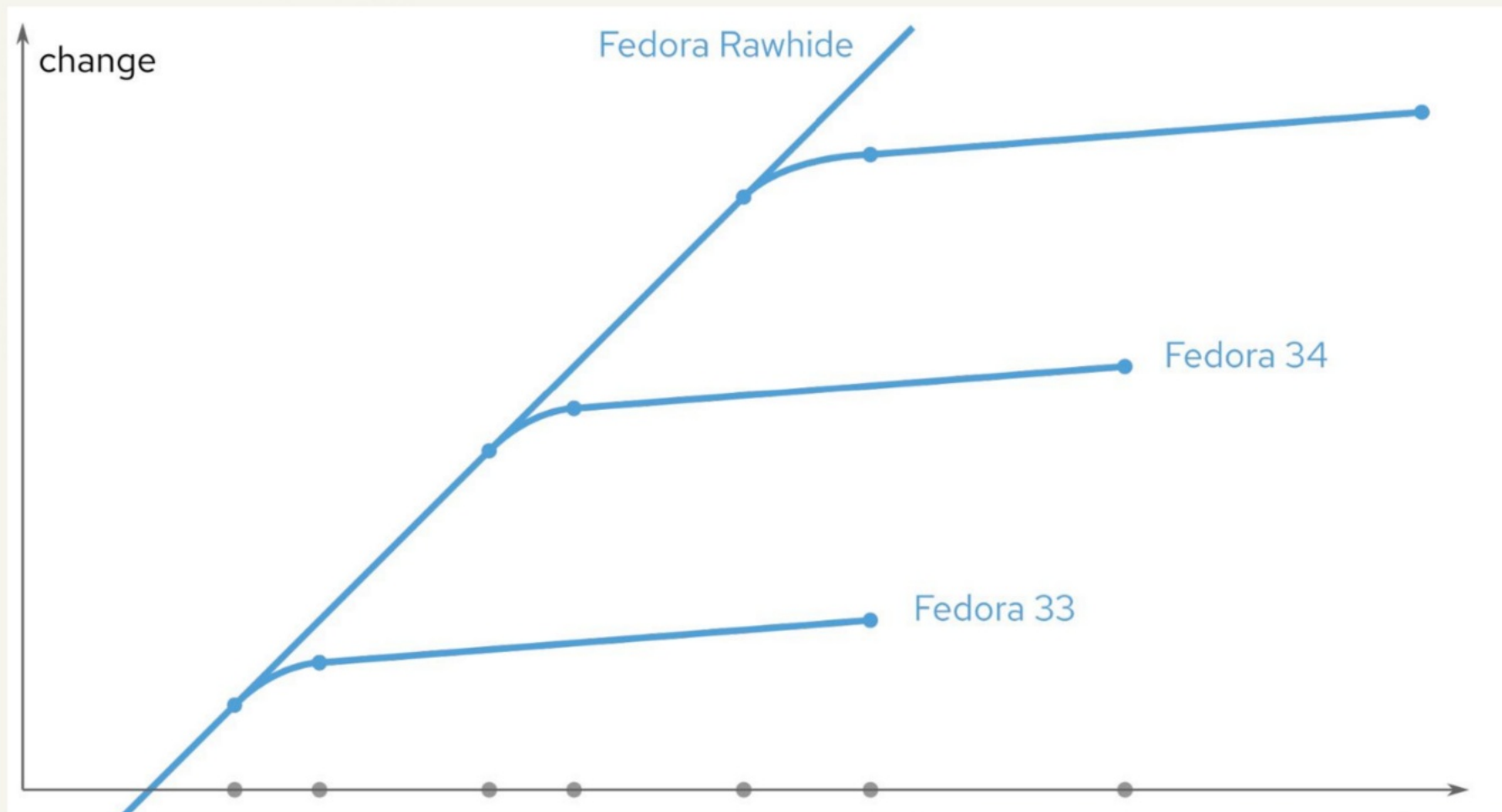
Red Hat Enterprise Linux

- **Continuous**
- New major release per several years
- New minor release per several months
- Every major release inherits code from Fedora

How CentOS Linux / RHEL used to work
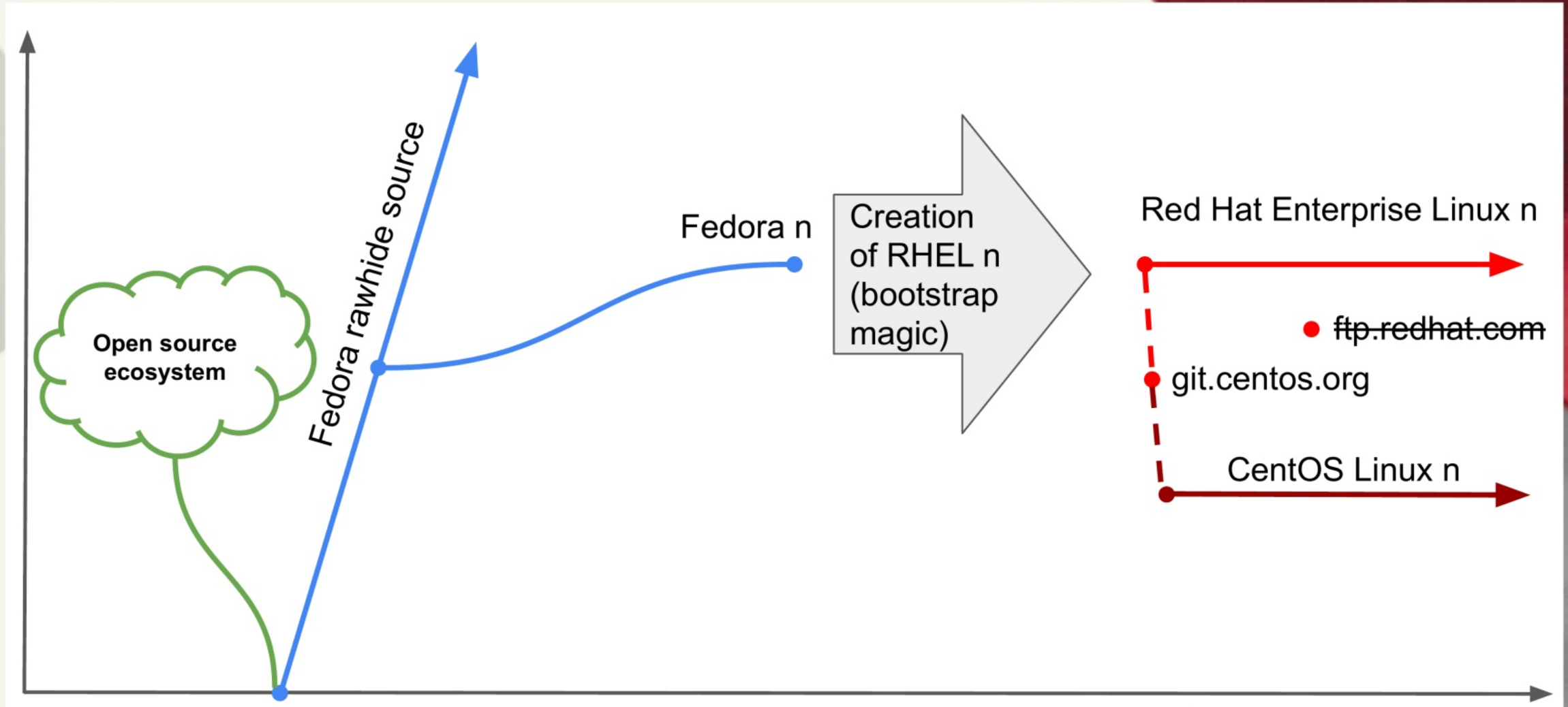
Open source ecosystem

Fedora rawhide source

Fedora n

Creation of RHEL n (bootstrap magic)

Red Hat Enterprise Linux n

ftp.redhat.com

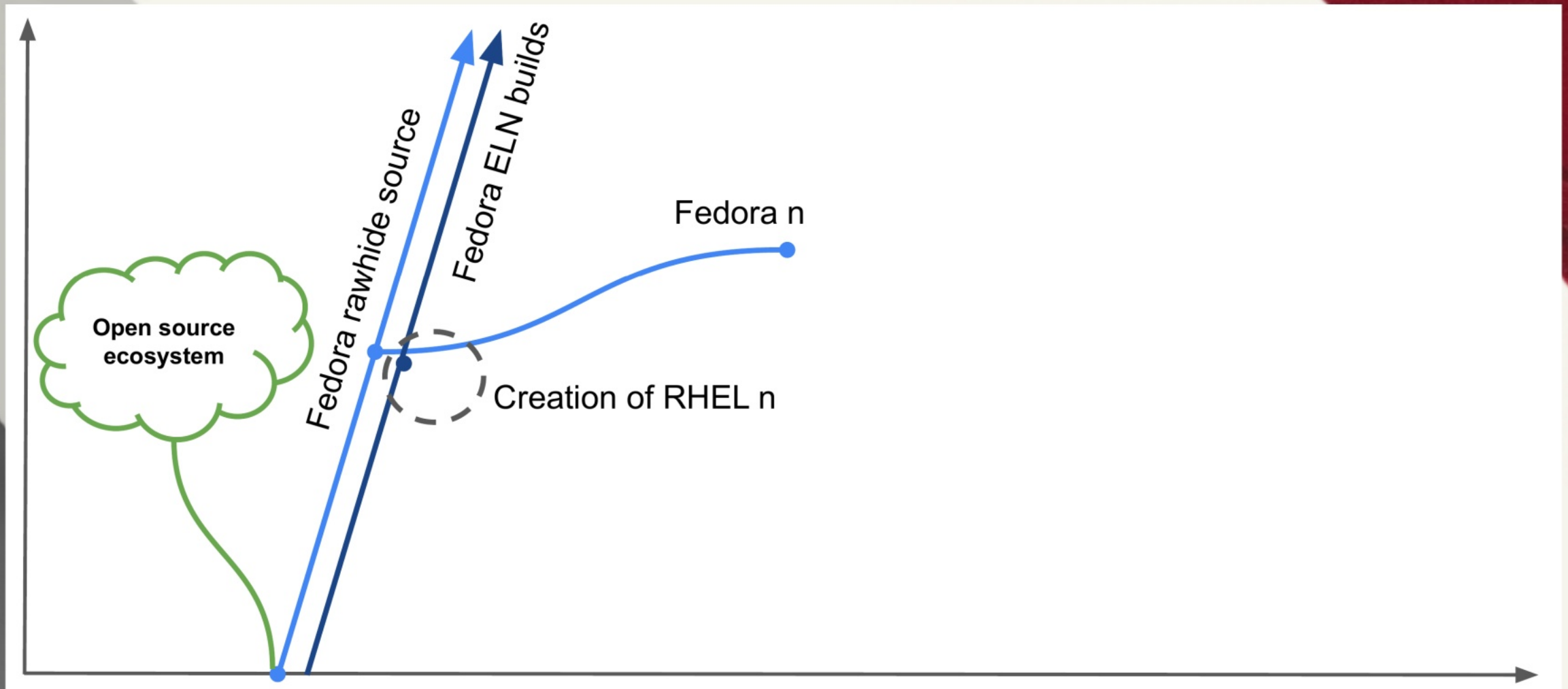git.centos.org

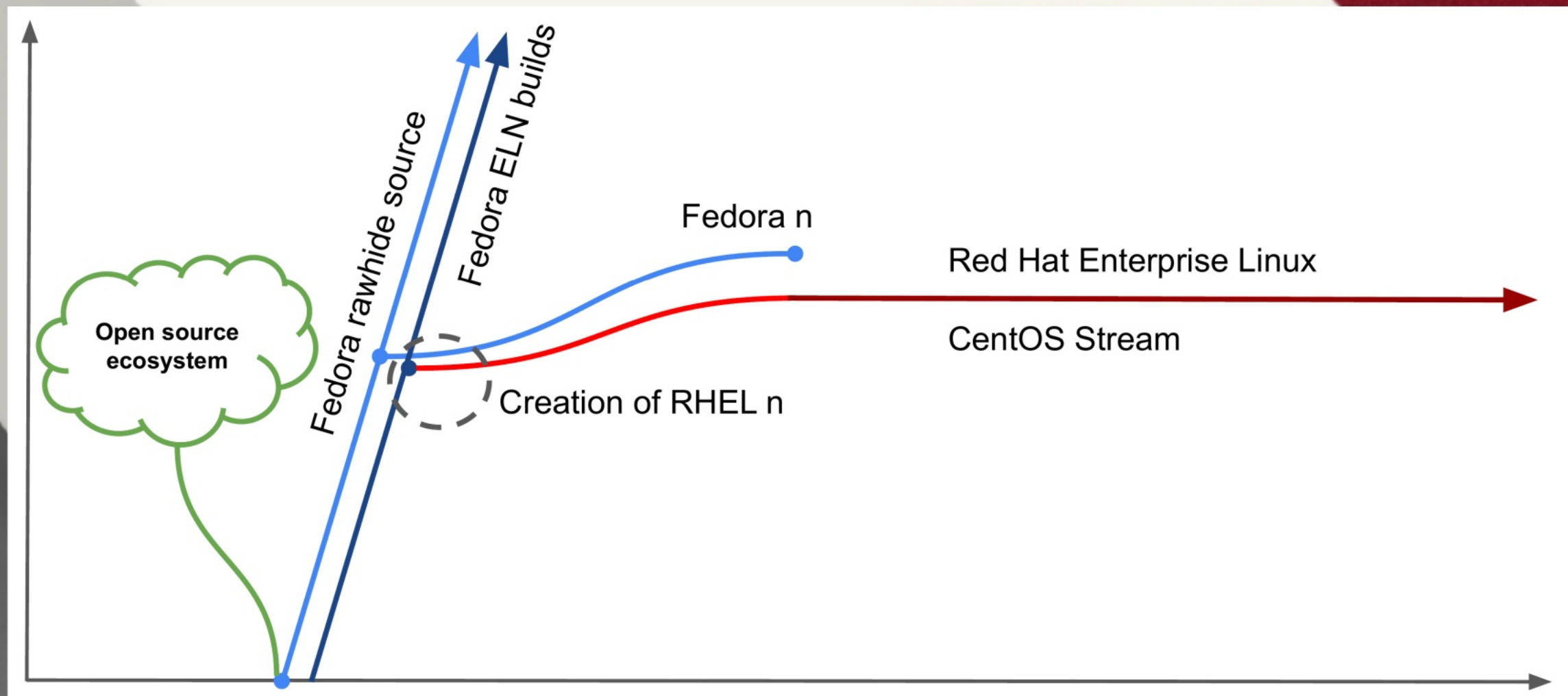CentOS Linux n

How did CentOS / RHEL used to work
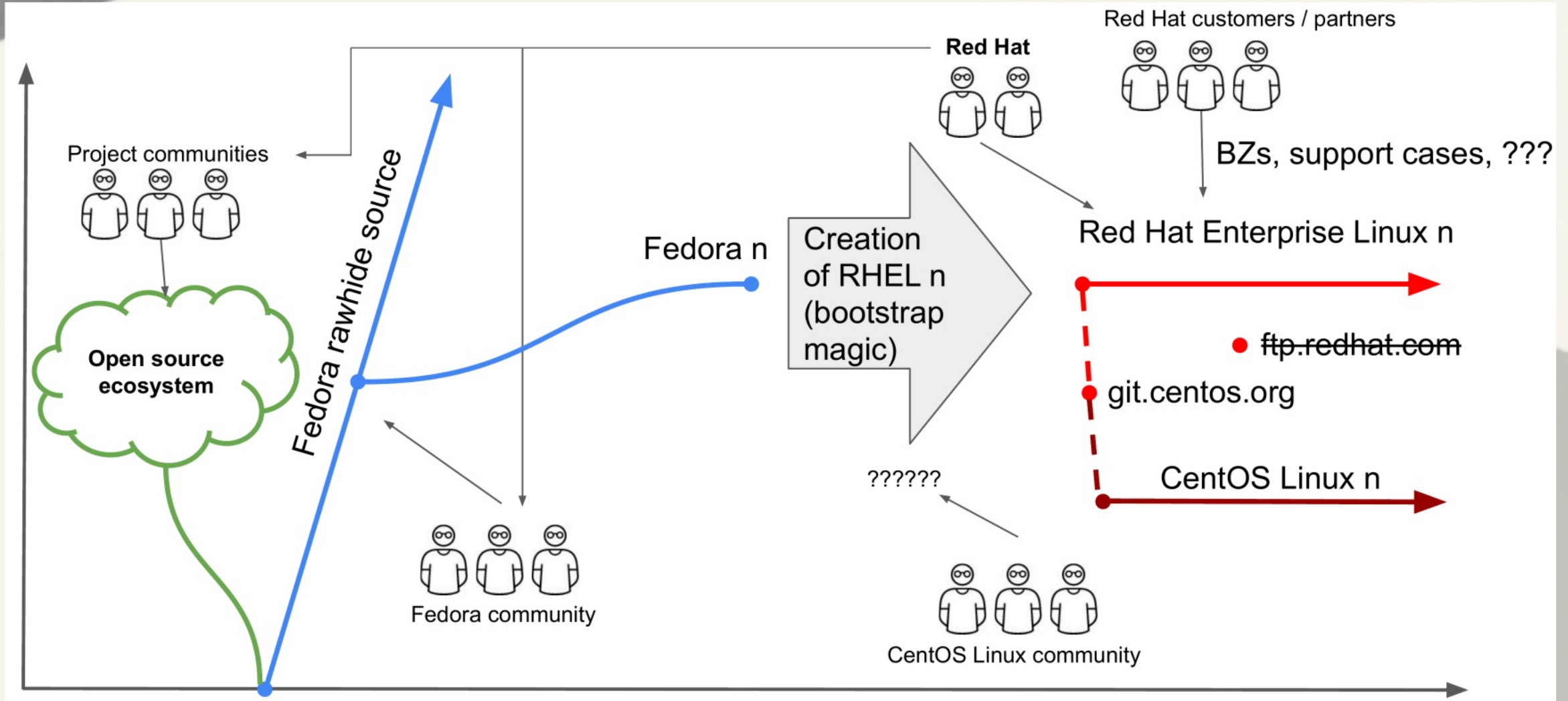
How CentOS Stream / RHEL now works
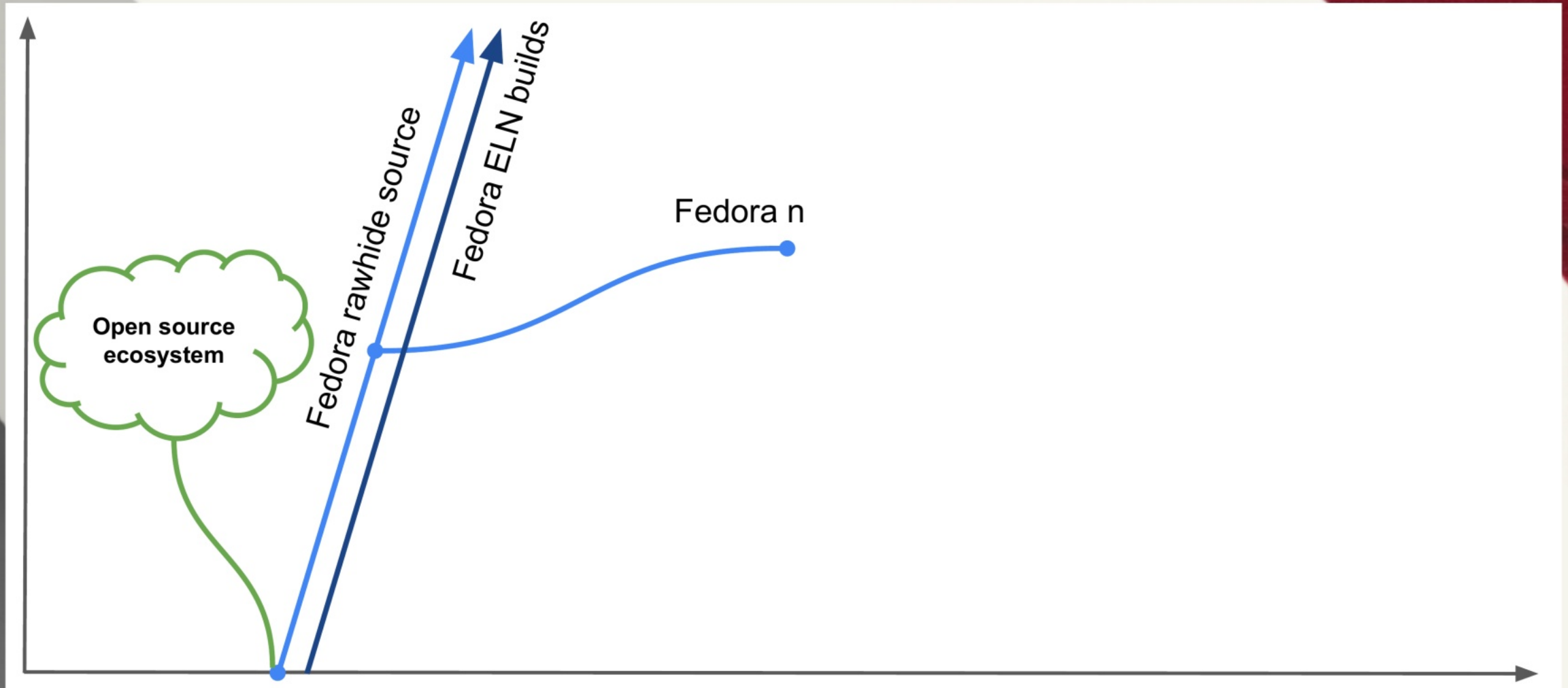
How CentOS Stream / RHEL now works

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CentOS Stream and RHEL

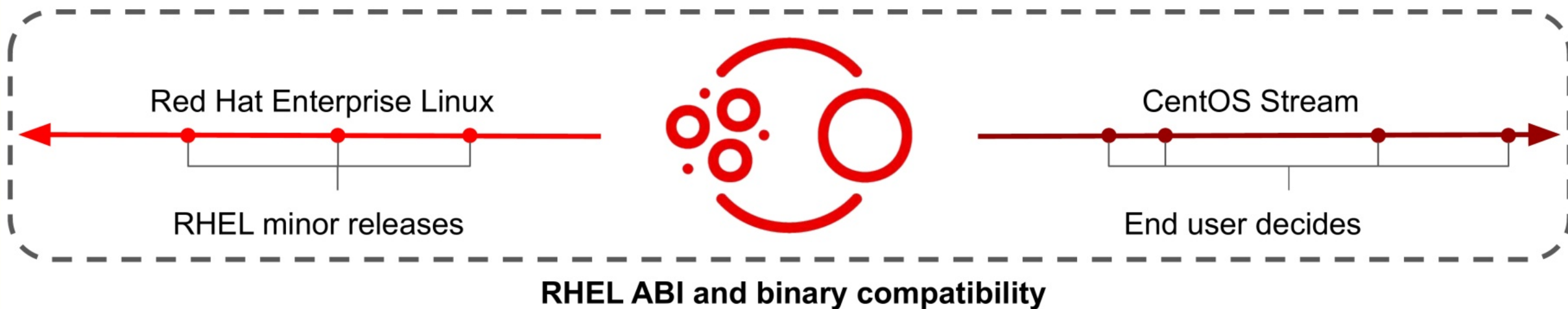Common, continuous and incremental development process

Red Hat Enterprise Linux

CentOS Stream

**RHEL ABI and binary compatibility**

CentOS Stream and RHEL

Common, continuous and incremental development process

Red Hat Enterprise Linux

RHEL minor releases

CentOS Stream

End user decides

RHEL ABI and binary compatibility

CentOS Stream and RHEL

Common, continuous and incremental development process

Red Hat Enterprise Linux

CentOS Stream

End user decides

End user decides

RHEL ABI and binary compatibility
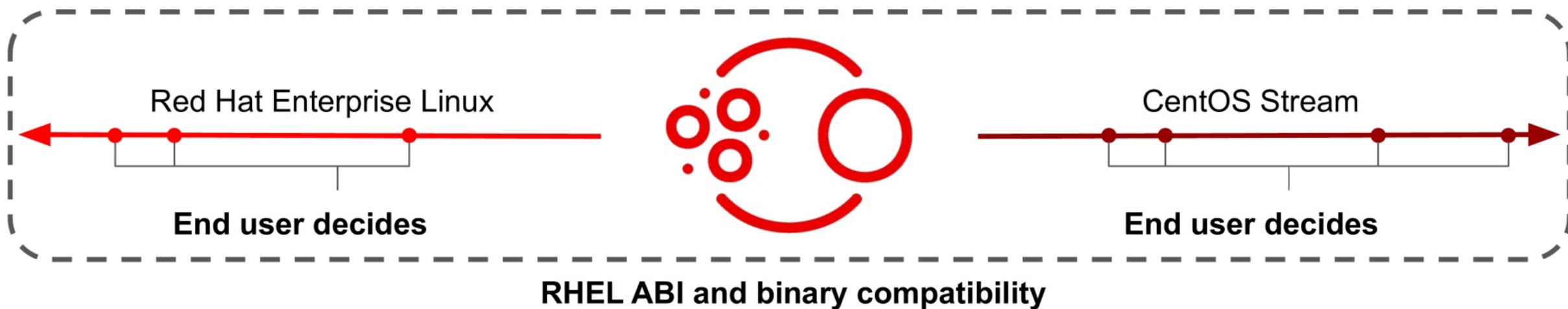
CentOS Stream and RHEL

Source code
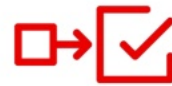
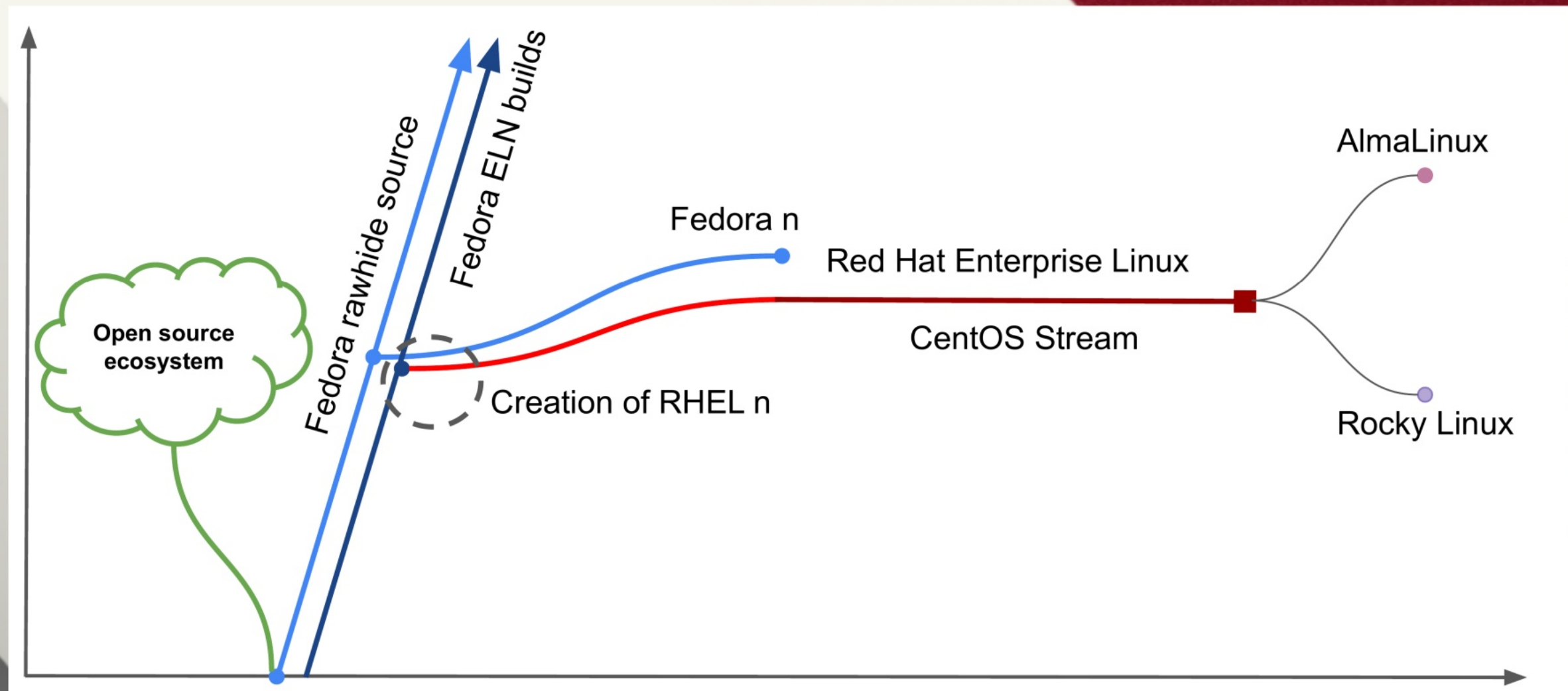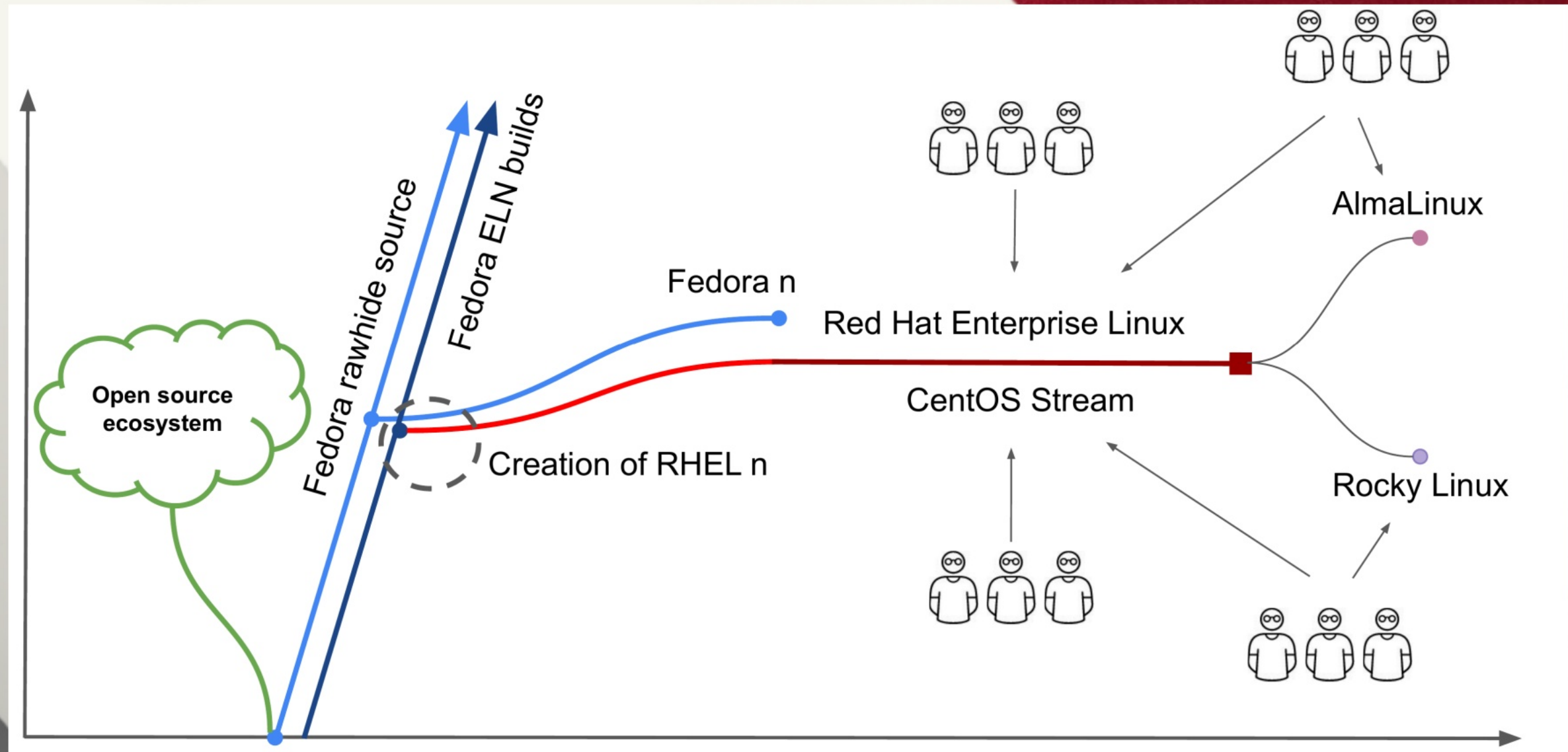|		IS RHEL
CentOS Stream gate → Pass	CentOS Stream pending	IS in sync with RHEL
&&		
RHEL gate → Pass	RHEL pending	IS RHEL
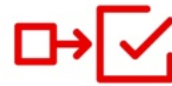
Now it works like this

Now it works like this

Summarize

- Sunset of CentOS 8 by the end of 2021 (Unplanned)
- Sunset of CentOS 7 in 2024 (Planned)
- CentOS has become CentOS Stream

- Source code of packages and SPEC files are available:
    https://gitlab.com/redhat/centos-stream
- SRPMS are not (but are they needed?)

- Both RHEL and CentOS Stream now upstreams to Fedora ELN
- Bug, enhancement and security reporting is now much cleaner
- Work made easier Alma, Rocky and other derivatives

Summarize

Red Hat for deciding to open up the EL ecosystem

Red Hat marketing and communication on the situation

Questions?

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Red Hat Enterprise Linux
- Continuous
- New major release set (several years)
- New minor release set (usually 6 months)
- Every major release checks out from Fedora

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CentOS Stream and RHEL

CentOS Stream and RHEL

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