



EPEL 10 for the Discerning Packager

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Backstory



The Road to EPEL 10



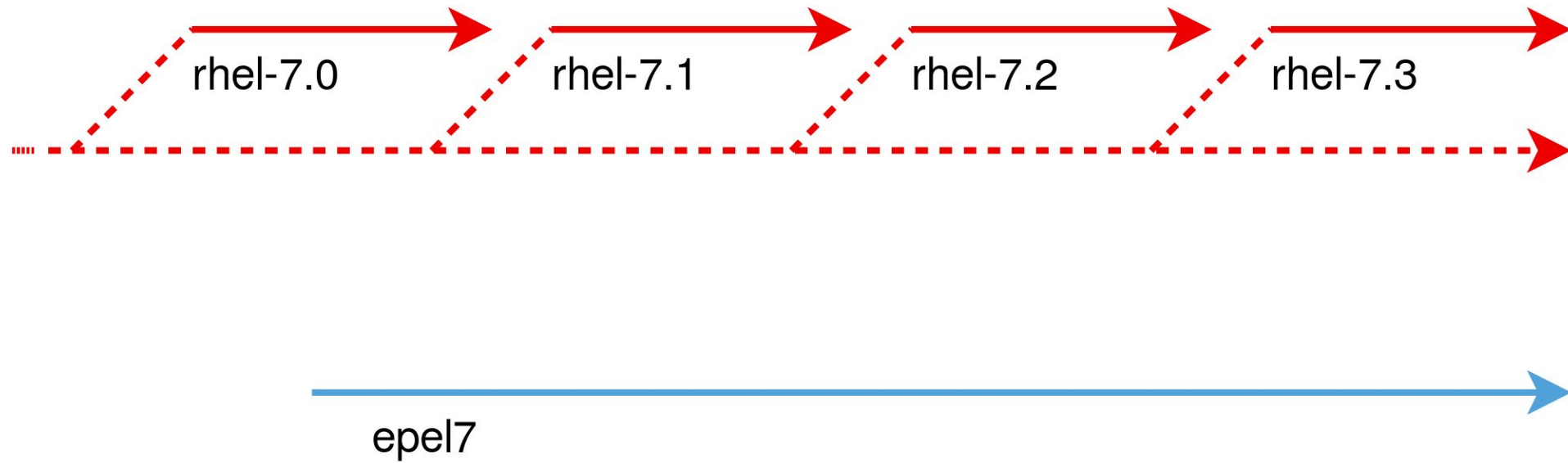
Carl George



CentOS Connect 2025



EPEL 7



EPEL 7



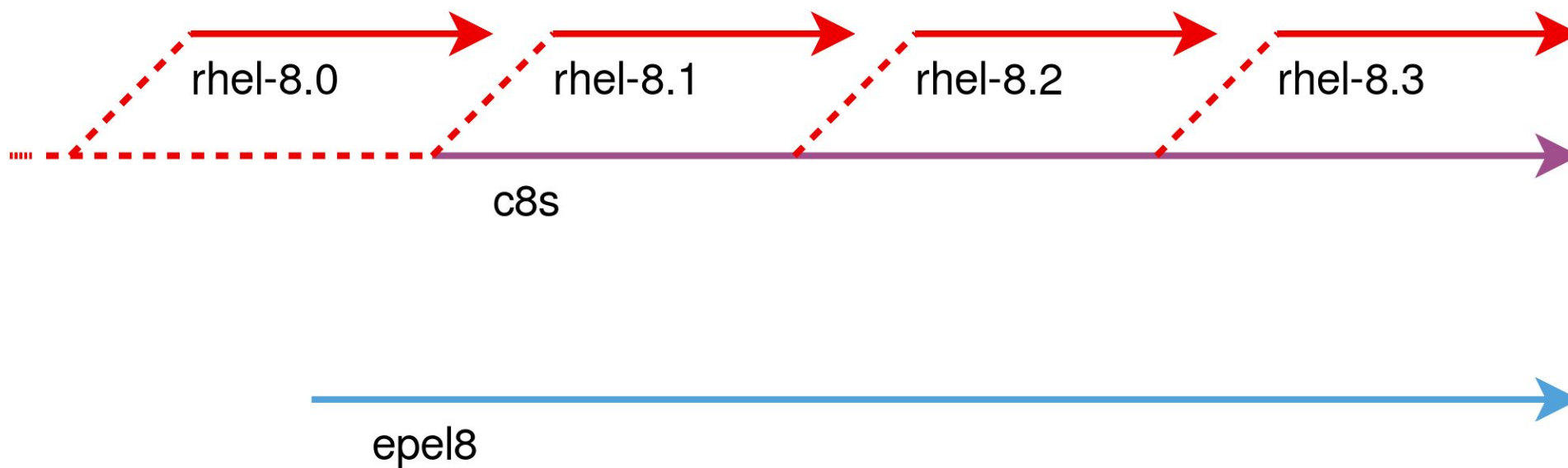
git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel7	RHEL 7.0	epel7	.el7	EPEL-7	epel/'7

EPEL 7



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel7	RHEL 7.1	epel7	.el7	EPEL-7	epel/7

EPEL 8



EPEL 8



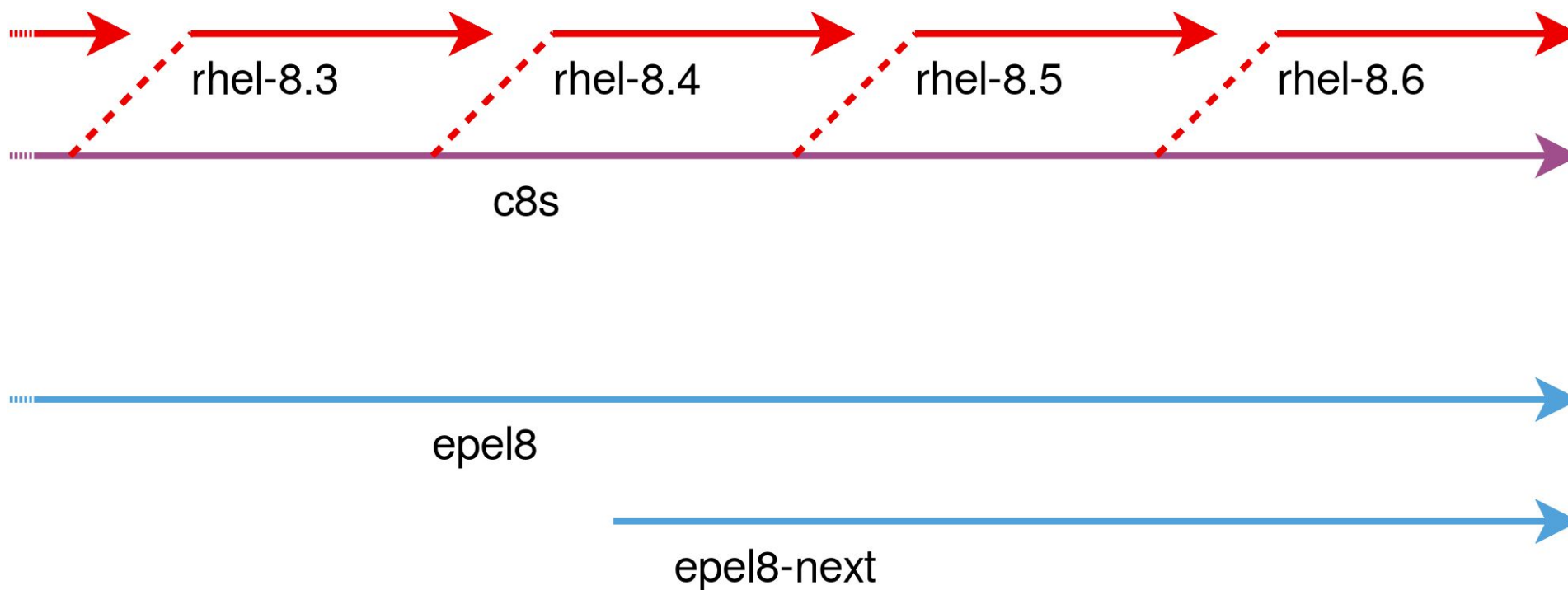
git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel8	RHEL 8.0	epel8	.el8	EPEL-8	epel/8

EPEL 8



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel8	RHEL 8.1	epel8	.el8	EPEL-8	epel/8

EPEL 8 Next

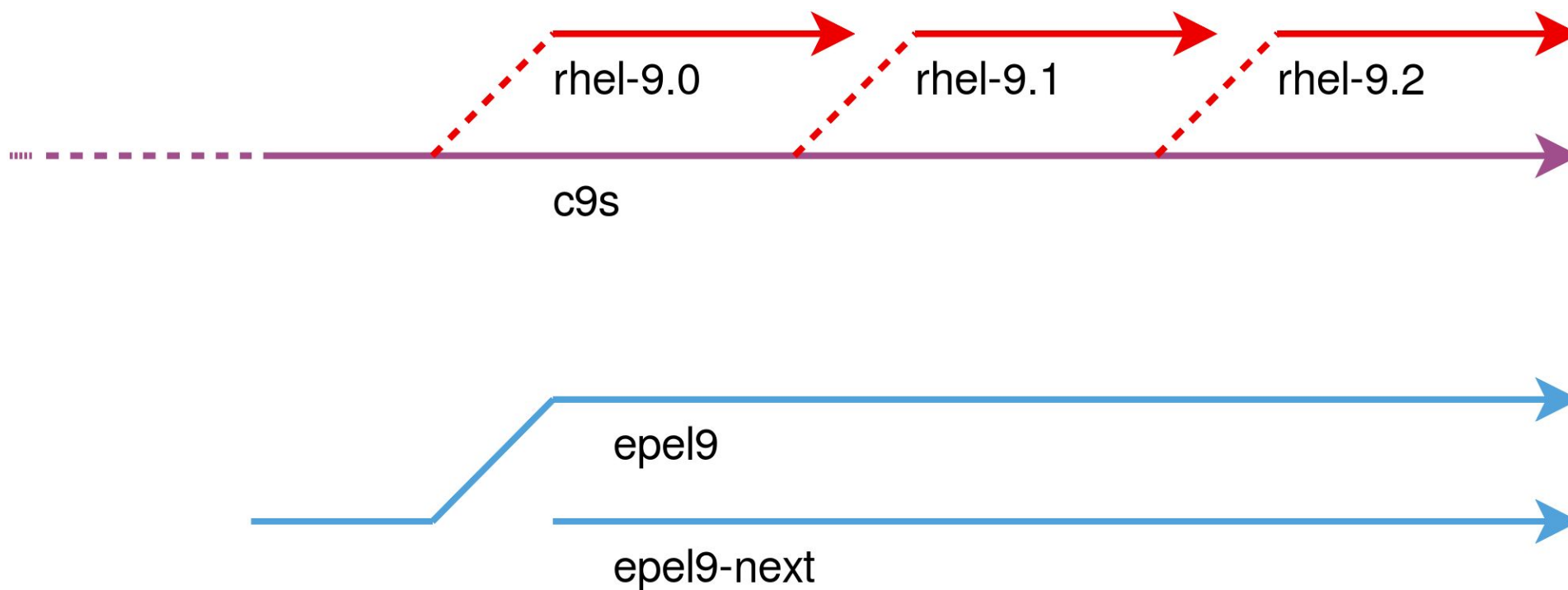


EPEL 8 Next



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel8	RHEL 8.4	epel8	.el8	EPEL-8	epel/8
epel8-next	CentOS Stream 8	epel8-next	.el8.next	EPEL-8N	epel/next/8

EPEL 9



EPEL 9



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel9	CentOS 9	epel9	.el9	EPEL-9	epel/9

EPEL 9



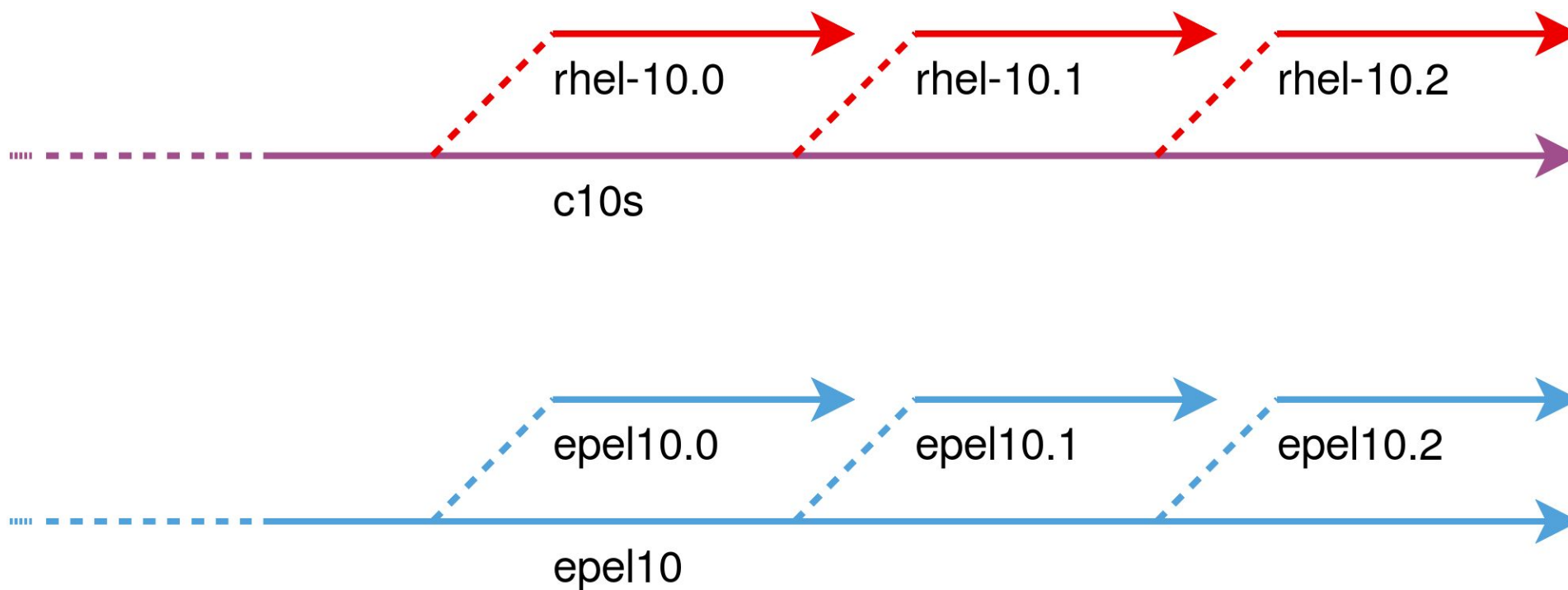
git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel9	CentOS 9 snapshot	epel9	.el9	EPEL-9	epel/9
epel9-next	CentOS 9	epel9-next	.el9.next	EPEL-9N	epel/next/9

EPEL 9



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel9	RHEL 9.0	epel9	.el9	EPEL-9	epel/9
epel9-next	CentOS 9	epel9-next	.el9.next	EPEL-9N	epel/next/9

EPEL 10



EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.0	.el10_0	EPEL-10.0	epel/10.0

EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.1	.el10_1	EPEL-10.1	epel/10.1
epel10.0	CentOS 10 snapshot	epel10.0	.el10_0	EPEL-10.0	epel/10.0

EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.1	.el10_1	EPEL-10.1	epel/10.1
epel10.0	RHEL 10.0	epel10.0	.el10_0	EPEL-10.0	epel/10.0

EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.2	.el10_2	EPEL-10.2	epel/10.2
epel10.1	CentOS 10 snapshot	epel10.1	.el10_1	EPEL-10.1	epel/10.1
epel10.0	RHEL 10.0	epel10.0	.el10_0	EPEL-10.0	epel/10.0

EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.2	.el10_2	EPEL-10.2	epel/10.2
epel10.1	RHEL 10.1	epel10.1	.el10_1	EPEL-10.1	epel/10.1

EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.3	.el10_3	EPEL-10.3	epel/10.3
epel10.2	CentOS 10 snapshot	epel10.2	.el10_2	EPEL-10.2	epel/10.2
epel10.1	RHEL 10.1	epel10.1	.el10_1	EPEL-10.1	epel/10.1

EPEL 10



git branch	koji buildroot	koji tag	dist tag	bodhi release	repo
epel10	CentOS 10	epel10.3	.el10_3	EPEL-10.3	epel/10.3
epel10.2	RHEL 10.2	epel10.2	.el10_2	EPEL-10.2	epel/10.2

Requesting epel10 branches



```
$ git switch rawhide
$ fedpkg --release epel10 mockbuild
$ fedpkg request-branch epel10
$ git fetch
$ git switch epel10
$ git merge rawhide
$ git push
$ fedpkg build
$ fedpkg update --type newpackage
```

Requesting epel10.x branches



```
$ git switch epel10
$ fedpkg --release epel10.0 scratch-build
$ fedpkg request-branch epel10.0
$ git fetch
$ git switch epel10.0
$ git merge epel10
$ git push
$ fedpkg build
$ fedpkg update --type newpackage
```

RHEL mock chroots



[View on GitHub](#)

Mock » Feature RHEL chroots
A 'simple' chroot build environment manager for building RPMs.

Build package for RHEL

Previously, when you had to build a package for RHEL you had to use `epel-7-x86_64` chroot (or similar). This chroot is made of CentOS plus EPEL. This causes a problem when you want to use real RHEL for some reason. E.g., when new RHEL is out, but CentOS not yet.

To build for RHEL you have to [Red Hat subscription](#). You can use your existing subscription or you can use [free of charge subscription](#).

Mock RHEL configs

Mock provides `rhel-<RELEASEVER>-<TARGET_ARCH>` configs which use pure RHEL. There are also `rhel+epel-<RELEASEVER>-<TARGET_ARCH>` configs which use RHEL plus EPEL.

Subscription configuration with Simple Content Access

If you have [Simple Content Access](#) enabled, all you need to do is register the machine you are running mock on. The register command will prompt you for your username and password.

```
$ sudo subscription-manager register
```

Red Hat Developer Menu

No-cost Red Hat Enterprise Linux Individual Developer Subscription: FAQs

February 5, 2021

Red Hat Developer

Related topics: [Linux](#)

Related products: [Red Hat Enterprise Linux](#)

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General

1. What is the Red Hat Developer program's Red Hat Developer Subscription for Individuals?

The Red Hat Developer Subscription for Individuals is a no-cost offering of the [Red Hat Developer program](#) and includes access to [Red Hat Enterprise Linux](#) among

RHEL mock chroots



```
$ sudo subscription-manager register  
$ ln -s /etc/mock/rhel+epel-10-x86_64.cfg \  
> ~/.config/mock/epel-10.0-x86_64.cfg
```

Upcoming events

- 2025 Q3
 - Mass branching for EPEL 10.1
 - Start of EPEL 10.2
- 2025 Q4
 - Expected release of RHEL 10.1
 - EPEL 10.1 switches to building against RHEL 10.1



Upcoming events

- 2026 Q1
 - Mass branching for EPEL 10.2
 - Start of EPEL 10.3
- 2026 Q2
 - Expected release of RHEL 10.2
 - EPEL 10.2 switches to building against RHEL 10.2



Q & A

THAT'S ALL FOLKS

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