



RCDEVS REPOSITORIES

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1. Available repositories

There are three different repositories:

1. stable: which is dedicated to Enterprise and contains packages which are tested and considered as stable.
2. base: which contains released packages with new features not directly consider as stable. After a period of time without issue feedback from customer/free users, they will be release in the stable repository.
3. test: which contains unstable packages including big changes and/or new features

2. Add RCDevs Repository on CentOS/RHEL

On a RedHat, CentOS or Fedora system, you can use our repository, which simplifies updates. Download the repository with the

```
yum install https://repos.rcdevs.com/redhat/rcdevs_release-1.1.1-1.noarch.rpm
```

command.

```
[root@centos8 ~]# yum install https://repos.rcdevs.com/redhat/rcdevs_release-1.1.1-1.noarch.rpm
```

```
Last metadata expiration check: 0:02:28 ago on Tue 27 Apr 2021 04:36:10 PM CEST.
```

```
rcdevs_release-1.1.1-1.noarch.rpm
```

```
Dependencies resolved.
```

```
=====
```

Package	Architecture	Version	Repository	Size
Installing:				
rcdevs_release	noarch	1.1.0-1	@commandline	8.2 k

```
Transaction Summary
```

```
=====
```

```
Install 1 package
```

```
Total size: 8.2 k
```

```
Installed size: 2.8 k
```

```
Is this ok [y/N]: y
```

```
Downloading Packages:
```

```
Running transaction check
```

```
Transaction check succeeded.
```

```
Running transaction test
```

```
Transaction test succeeded.
```

```
Running transaction
```

```
Preparing :
```

```
Installing      : rcdevs_release-1.1.1-1.noarch          1/1
```

```
Verifying       : rcdevs_release-1.1.1-1.noarch          1/1
```

```
Installed:
```

```
rcdevs_release-1.1.1-1.noarch
```

```
Complete!
```

```
[root@centos8 ~]#
```

Per default, only `base` is activated as shown below:

```
[root@centos8 ~]# cat /etc/yum.repos.d/rcdevs.repo
[rcdevs-stable]
name=RCDevs Enterprise Linux Repository - stable
baseurl=https://repos.rcdevs.com/redhat/stable
priority=50
type=rpm
enabled=0
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

[rcdevs-test]
name=RCDevs Enterprise Linux Repository - test
baseurl=https://repos.rcdevs.com/redhat/test
type=rpm
enabled=0
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

[rcdevs]
name=RCDevs Enterprise Linux Repository
baseurl=https://repos.rcdevs.com/redhat/base
type=rpm
enabled=1
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs
[root@centos8 ~]#
```

Enterprise License

If an Enterprise License is used then deactivate `base` and activate `stable`:

```
[root@centos8 ~]# cat /etc/yum.repos.d/rcdevs.repo
[rcdevs-stable]
name=RCDevs Enterprise Linux Repository - stable
baseurl=https://repos.rcdevs.com/redhat/stable
priority=50
type=rpm
enabled=1
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

[rcdevs-test]
name=RCDevs Enterprise Linux Repository - test
baseurl=https://repos.rcdevs.com/redhat/test
type=rpm
enabled=0
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

[rcdevs]
name=RCDevs Enterprise Linux Repository
baseurl=https://repos.rcdevs.com/redhat/base
type=rpm
enabled=0
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs
[root@centos8 ~]#
```

If Testing Releases are needed then activate `test` and `base` :

```

[root@centos8 ~]# cat /etc/yum.repos.d/rcdevs.repo
[rcdevs-stable]
name=RCDevs Enterprise Linux Repository - stable
baseurl=https://repos.rcdevs.com/redhat/stable
priority=50
type=rpm
enabled=0
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

[rcdevs-test]
name=RCDevs Enterprise Linux Repository - test
baseurl=https://repos.rcdevs.com/redhat/test
type=rpm
enabled=1
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

[rcdevs]
name=RCDevs Enterprise Linux Repository
baseurl=https://repos.rcdevs.com/redhat/base
type=rpm
enabled=1
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs
[root@centos8 ~]#

```

Update the Repository list with the `yum clean all` and `yum update` command:

```

[root@centos8 ~]# yum clean all
26 files removed
[root@centos8 ~]# yum update
CentOS Linux 8 - AppStream          5.0 MB/s | 6.3 MB      00:01
CentOS Linux 8 - BaseOS             5.9 MB/s | 2.3 MB      00:00
CentOS Linux 8 - Extras             8.1 kB/s | 9.6 kB       00:01
RCDevs Enterprise Linux Repository  534 kB/s | 79 kB        00:00
Dependencies resolved.
Nothing to do.
Complete!
[root@centos8 ~]#

```

Now you are able to install RCDevs packages on your system with the `yum install <packages>` command:

```

[root@centos8 ~]# yum install webadm_all_in_one
Last metadata expiration check: 0:00:54 ago on Wed 28 Apr 2021 10:40:08 AM CEST.
Dependencies resolved

```

Dependencies resolved.

```
=====
Package                Architecture  Version      Repository   Size
=====
Installing:
webadm_all_in_one      noarch       1.0.1-0      rcdevs       2.0 k
Installing dependencies:
openid                 noarch       1.4.11-1     rcdevs       10 M
openotp                noarch       1.5.10-1     rcdevs       13 M
pwreset                noarch       1.1.2-1      rcdevs       1.3 M
selfdesk               noarch       1.2.3-1      rcdevs       2.6 M
selfreg                noarch       1.2.3-1      rcdevs       4.3 M
smshub                 noarch       1.2.3-1      rcdevs       1.5 M
spankey                noarch       2.0.14-1     rcdevs       13 M
webadm                 x86_64      2.0.18-2     rcdevs       169 M
=====
```

Transaction Summary

```
=====
Install 9 Packages
=====
```

Total download size: 215 M

Installed size: 362 M

Is this ok [y/N]: y

Downloading Packages:

(1/9): pwreset-1.1.2-1.noarch.rpm	3.8 MB/s	1.3 MB	00:00
(2/9): selfdesk-1.2.3-1.noarch.rpm	4.2 MB/s	2.6 MB	00:00
(3/9): openotp-1.5.10-1.noarch.rpm	9.8 MB/s	13 MB	00:01
(4/9): smshub-1.2.3-1.noarch.rpm	5.7 MB/s	1.5 MB	00:00
(5/9): selfreg-1.2.3-1.noarch.rpm	5.5 MB/s	4.3 MB	00:00
(6/9): openid-1.4.11-1.noarch.rpm	4.9 MB/s	10 MB	00:02
(7/9): webadm_all_in_one-1.0.1-0.noarch.rpm	136 kB/s	2.0 kB	00:00
(8/9): spankey-2.0.14-1.noarch.rpm	6.5 MB/s	13 MB	00:01
(9/9): webadm-2.0.18-2.x86_64.rpm	12 MB/s	169 MB	00:14

Total 13 MB/s | 215 MB 00:16

warning: /var/cache/dnf/rcdevs-8ec0365c29b56a52/packages/openid-1.4.11-1.noarch.rpm:

Header V4 RSA/SHA256 Signature, key ID 15883005: NOKEY

RCDevs Enterprise Linux Repository 1.6 MB/s | 1.7 kB 00:00

Importing GPG key 0x15883005:

Userid : "RCDevs SA <info@rcdevs.com>"

Fingerprint: 5FAB 1C62 DB2D CCDE B0E1 D42B 2FB3 5ED5 1588 3005

From : /etc/pki/rpm-gpg/RPM-GPG-KEY-rcdevs

Is this ok [y/N]: y

Key imported successfully

Running transaction check

Transaction check succeeded.

Running transaction test

Transaction test succeeded.

Running transaction

Preparing : 1/1

Running scriptlet: webadm-2.0.18-2.x86_64 1/9

Installing : webadm-2.0.18-2.x86_64

Running scriptlet: webadm-2.0.18-2.x86_64

1/9

Please run /opt/webadm/bin/setup.

Running scriptlet: openid-1.4.11-1.noarch

2/9

Installing : openid-1.4.11-1.noarch

2/9

Running scriptlet: openid-1.4.11-1.noarch

2/9

Running scriptlet: openotp-1.5.10-1.noarch

3/9

Installing : openotp-1.5.10-1.noarch

3/9

Running scriptlet: openotp-1.5.10-1.noarch

3/9

Running scriptlet: pwreset-1.1.2-1.noarch

4/9

Installing : pwreset-1.1.2-1.noarch

4/9

Running scriptlet: pwreset-1.1.2-1.noarch

4/9

Running scriptlet: selfdesk-1.2.3-1.noarch

5/9

Installing : selfdesk-1.2.3-1.noarch

5/9

Running scriptlet: selfdesk-1.2.3-1.noarch

5/9

Running scriptlet: selfreg-1.2.3-1.noarch

6/9

Installing : selfreg-1.2.3-1.noarch

6/9

Running scriptlet: selfreg-1.2.3-1.noarch

6/9

Running scriptlet: smshub-1.2.3-1.noarch

7/9

Installing : smshub-1.2.3-1.noarch

7/9

Running scriptlet: smshub-1.2.3-1.noarch

7/9

Running scriptlet: spankey-2.0.14-1.noarch

8/9

Installing : spankey-2.0.14-1.noarch

8/9

Running scriptlet: spankey-2.0.14-1.noarch

8/9

Installing : webadm_all_in_one-1.0.1-0.noarch

9/9

Verifying : openid-1.4.11-1.noarch

1/9

Verifying : openotp-1.5.10-1.noarch

2/9


```
Verifying      : pwreset-1.1.2-1.noarch
3/9
Verifying      : selfdesk-1.2.3-1.noarch
4/9
Verifying      : selfreg-1.2.3-1.noarch
5/9
Verifying      : smshub-1.2.3-1.noarch
6/9
Verifying      : spankey-2.0.14-1.noarch
7/9
Verifying      : webadm-2.0.18-2.x86_64
8/9
Verifying      : webadm_all_in_one-1.0.1-0.noarch
9/9
```

Installed:

```
  openid-1.4.11-1.noarch  openotp-1.5.10-1.noarch  pwreset-1.1.2-1.noarch  selfdesk-
1.2.3-1.noarch          selfreg-1.2.3-1.noarch
  smshub-1.2.3-1.noarch  spankey-2.0.14-1.noarch  webadm-2.0.18-2.x86_64
webadm_all_in_one-1.0.1-0.noarch
```

Complete!

```
[root@centos8 ~]#
```

3. Add RCDevs Repository on Debian/Ubuntu

On a Debian and Ubuntu system, you can use our repository, which simplifies updates. Download the repository file with the https://repos.rcdevs.com/debian/rcdevs-release_1.1.0-1_all.deb command:

```
root@debian:~# wget https://repos.rcdevs.com/debian/rcdevs-release_1.1.0-1_all.deb
--2022-11-02 10:59:59-- https://repos.rcdevs.com/debian/rcdevs-release_1.1.0-1_all.deb
Resolving repos.rcdevs.com (repos.rcdevs.com)... 146.59.204.189
Connecting to repos.rcdevs.com (repos.rcdevs.com)|146.59.204.189|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2544 (2.5K) [application/vnd.debian.binary-package]
Saving to: 'rcdevs-release_1.1.0-1_all.deb'

rcdevs-release_1.1.0-1_all.deb
100%[=====
2.48K  --.-KB/s   in 0s

2022-11-02 10:59:59 (364 MB/s) - 'rcdevs-release_1.1.0-1_all.deb' saved [2544/2544]
```

and install repository with `apt install ./rcdevs-release_1.1.0-1_all.deb`

```
root@debian11:/# dpkg -i ./rcdevs-release_1.1.0-1_all.deb
(Reading database ... 118439 files and directories currently installed.)
Preparing to unpack .../rcdevs-release_1.1.0-1_all.deb ...
Unpacking rcdevs-release (1.1.0-1) over (1.1.0-1) ...
Setting up rcdevs-release (1.1.0-1) ...
```

Per default, only `base` is activated as shown below:

```
root@debian11:~# cat /etc/apt/sources.list.d/rcdevs.list
#deb https://repos.rcdevs.com/debian/stable ./
#deb https://repos.rcdevs.com/debian/test ./
deb https://repos.rcdevs.com/debian/base ./
```

Enterprise License

If an Enterprise License is used then deactivate `base` and activate `stable`:

```
root@debian11:~# cat /etc/apt/sources.list.d/rcdevs.list
deb https://repos.rcdevs.com/debian/stable ./
#deb https://repos.rcdevs.com/debian/test ./
#deb https://repos.rcdevs.com/debian/base ./
```

If Testing Releases are needed then activate `test` and `base`:

```
root@debian11:~# cat /etc/apt/sources.list.d/rcdevs.list
#deb https://repos.rcdevs.com/debian/stable ./
deb https://repos.rcdevs.com/debian/test ./
deb https://repos.rcdevs.com/debian/base ./
```

Update the Repository list with the `apt update` command:

```
root@debian11:~# apt update
Hit:1 http://lu.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://lu.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://lu.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://lu.archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:6 http://lu.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2,196 kB]
Get:3 http://www.rcdevs.com/repos/debian/base ./ InRelease [1,091 B]
Get:7 http://www.rcdevs.com/repos/debian/base ./ Packages [16.9 kB]
Fetched 2,550 kB in 3s (793 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
33 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

Now you are able to install RCDevs packages on your system with the `apt install <packages>` command:

```
root@debian11:/# apt install webadm-all-in-one
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  openid openotp pwreset selfdesk selfreg smshub spankey webadm
The following NEW packages will be installed:
  openid openotp pwreset selfdesk selfreg smshub spankey webadm webadm-all-in-one
0 upgraded, 9 newly installed, 0 to remove and 1 not upgraded.
Need to get 216 MB of archives.
After this operation, 397 MB of additional disk space will be used.
Do you want to continue? [Y/n]
Get:1 https://repos.rcdevs.com/debian/base ./ openid 1.4.16-3 [10.1 MB]
Get:2 https://repos.rcdevs.com/debian/base ./ openotp 2.1.2-3 [13.7 MB]
Get:3 https://repos.rcdevs.com/debian/base ./ pwreset 1.1.5-2 [1365 kB]
Get:4 https://repos.rcdevs.com/debian/base ./ selfdesk 1.2.9-2 [2785 kB]
Get:5 https://repos.rcdevs.com/debian/base ./ selfreg 1.2.6-1 [4477 kB]
Get:6 https://repos.rcdevs.com/debian/base ./ smshub 1.2.4-1 [1544 kB]
Get:7 https://repos.rcdevs.com/debian/base ./ spankey 2.0.19-1 [13.3 MB]
Get:8 https://repos.rcdevs.com/debian/base ./ webadm 2.1.11-2 [169 MB]
Get:9 https://repos.rcdevs.com/debian/base ./ webadm-all-in-one 1.0.1-0 [1090 B]
Fetched 216 MB in 8s (28.0 MB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package openid.
(Reading database ... 7084 files and directories currently installed.)
Preparing to unpack .../0-openid_1.4.16-3_all.deb ...
Unpacking openid (1.4.16-3) ...
Selecting previously unselected package openotp.
Preparing to unpack .../1-openotp_2.1.2-3_all.deb ...
Unpacking openotp (2.1.2-3) ...
Selecting previously unselected package pwreset.
Preparing to unpack .../2-pwreset 1.1.5-2 all.deb...
```

```

Unpacking pwreset (1.1.5-2) ...
Selecting previously unselected package selfdesk.
Preparing to unpack .../3-selfdesk_1.2.9-2_all.deb ...
Unpacking selfdesk (1.2.9-2) ...
Selecting previously unselected package selfreg.
Preparing to unpack .../4-selfreg_1.2.6-1_all.deb ...
Unpacking selfreg (1.2.6-1) ...
Selecting previously unselected package smshub.
Preparing to unpack .../5-smshub_1.2.4-1_all.deb ...
Unpacking smshub (1.2.4-1) ...
Selecting previously unselected package spankey.
Preparing to unpack .../6-spankey_2.0.19-1_all.deb ...
Unpacking spankey (2.0.19-1) ...
Selecting previously unselected package webadm.
Preparing to unpack .../7-webadm_2.1.11-2_amd64.deb ...
Unpacking webadm (2.1.11-2) ...
Selecting previously unselected package webadm-all-in-one.
Preparing to unpack .../8-webadm-all-in-one_1.0.1-0_all.deb ...
Unpacking webadm-all-in-one (1.0.1-0) ...
Setting up selfdesk (1.2.9-2) ...
Setting up webadm (2.1.11-2) ...
WebADM Server needs to be configured.
Please run /opt/webadm/bin/setup.
Setting up openid (1.4.16-3) ...
Setting up selfreg (1.2.6-1) ...
Setting up pwreset (1.1.5-2) ...
Setting up smshub (1.2.4-1) ...
Setting up openotp (2.1.2-3) ...
Setting up spankey (2.0.19-1) ...
Setting up webadm-all-in-one (1.0.1-0) ...

```

4. Available Packages

Package name	Type	Description	Part of all-in-one package?
RHEL: webadm_all_in_one Debian: webadm-all-in-one		WebADM Server for Linux with all web services and web applications	
webadm	Server	WebADM Server for Linux	Yes
openotp	Web Services	MFA Authentication Server	Yes
opensso	Web Services	Single Sign-On Server	Yes
smshub	Web Services	SMS Hub Server	Yes
spankey	Web Services	SSH Public Key Server	Yes

tiqr	Web Services	QR Login & Signing Server	Yes
openid	Web Applications	OpenID & SAML Provider	Yes
pwreset	Web Applications	LDAP Password Reset	Yes
selfdesk	Web Applications	User Self Service Desk	Yes
selfreg	Web Applications	User Self Registration	Yes
helpdesk	Web Applications	Administration Help Desk	Yes
waproxy	Web Server	WebADM Publishing Proxy	No
radiusd	Authentication server	OpenOTP RADIUS Bridge	No
ldproxy	Authentication server	OpenOTP LDAP Bridge	No
RHEL: slapd Debian: rcdevs-slapd	LDAP server	Directory Server	No
mfavpn	VPN server	MFA VPN Server	No
RHEL: pam_openotp Debian: pam-openotp	Plugin	OpenOTP PAM Module	No
RHEL: pam_openotp_openssl10 Debian: pam-openotp-openssl10	Plugin	OpenOTP PAM Module with openssl included	No
RHEL: spankey_client Debian: spankey-client	Plugin	SSH Public Key Client	No
hsmhubd		HSMHub Server	No
RHEL: rcdevs_libs Debian: rcdevs-lib	Library	RCDevs Libraries	No
RHEL: rcdevs_release Debian: rcdevs-release	Repository	RCDevs Repository	No

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