

Table Of Contents

Table Of Contents 1

--whatprovides=<dependencies> option 2

[Home](#) > [Faq](#) > [Package management](#)

RHEL 4: Find up2date command module / library dependencies

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

Q. I'm using RHEL 4.x as database server. How can I run the up2date command to find out what package will satisfy library / module dependencies via RHN?



A. Update Agent provides a complete system for updating the RPM packages installed on a Red Hat Enterprise Linux system. Both command line and graphical interfaces are included.

Update Agent has a quite a few configuration options, including but not limited to: installing packages after they are downloaded; downloading source RPMs along with binary RPMs; whether or not to upgrade packages where the default configuration file(s) have been modified, and more.

--whatprovides=<dependencies> option

Use the following syntax to query the RHN servers to resolve the comma separated list of dependencies. It will return a list of packages that will satisfy these dependencies:

```
up2date --whatprovides=<dependencies>
```

For example, if an error read as follows:

```
error: failed dependencies:
    libxyz.so      is needed by httpd
    libabc.so.1    is needed by httpd
```

To find out all libs or module dependencies in any of the package, enter:

```
# up2date --whatprovides=libxyz.so,libabc.so.1
```

Output:

```
packagename-1.15
```

Now just install packagename-1.15:

```
# up2date packagename
```

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our [daily email](#) newsletter or [weekly newsletter](#) to make sure you don't miss a single tip/tricks. Alternatively, subscribe via [RSS/XML](#) feed.

Article printed from Frequently Asked Questions About Linux / UNIX: <http://www.cyberciti.biz/faq/>

URL to article: <http://www.cyberciti.biz/faq/up2date-dependencies-command/>

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/faq/category/redhat-and-friends/>

