

Re: Installing dependencies only

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-03/msg05301.html>

- *From:* Paul Howarth <paul@xxxxxxxxxxxx>
 - *Date:* Mon, 27 Mar 2006 18:21:50 +0100
-

Paul Smith wrote:

On 3/26/06, Paul Howarth <paul@xxxxxxxxxxxx> wrote:

Is
it
possible
with
yum
and
with
only
one
instruction
to
install
not
a
certain
package
but
all
its
dependencies?

That is the
normal
behaviour.
You ask for
one
package,
and if you
already
have all the
dependencies
you will get
one
package. If
you

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haven't got
them all
you may
find that it
says it
needs to
install 3 or
more. It
always asks
permission
before
installing.

Thanks, Anne, but it is not
what I wanted to mean:
imagine that the
package x.rpm has, as
dependencies, the packages
y.rpm and z.rpm; in
this case, I would like to
install only the
dependencies, i.e., only
y.rpm and z.rpm, and NOT
x.rpm.

All I can suggest, then, is to ask yum for the
original package, then when it
lists the necessities, reject the install and
give a new yum command listing
the required dependency packages.

It seems a rather strange requirement, so
telling the reason for the
requirement may spark of some better
solution from a more knowledgeable
poster.

Taking my example above, x.rpm is not supplied by any
repository;
then, a simple method to install it is

```
yum localinstall x.rpm
```

With this procedure, I will know the dependencies, which I
will install before

```
rpm -ihv x.rpm
```

as "yum localinstall" is not able to install x.rpm due to the
fact

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that x.rpm is not signed.

Two ways of installing x.rpm plus its dependencies:

First way, doesn't involve changing any config files:

```
# (echo config gpgcheck 0; echo localinstall x.rpm; echo run) | yum -y  
shell
```

(that's all one line)

Second way, involves file edits first:

Edit /etc/yum.conf and change gpgcheck=1 to gpgcheck=0

Edit all of your /etc/yum.repos.d/*.repo files and add gpgcheck=1 to any repo entry that doesn't have a gpgcheck entry.

Then you should just be able to do:

```
# yum localinstall x.rpm
```

Thanks, Paul. I will try to automate your first solution with a script.

Another possibility you could consider would be to install Thomas Springer's YUM GPG Signature Check Plugin (<http://www.cs.uni-frankfurt.de/~springer/yum-plugin/>), which adds a `--gpgcheck` option to yum, so you can do:

```
# yum --gpgcheck=0 localinstall x.rpm
```

Paul.

—

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