How do I setup a yum or up2date repository to use a locally mounted DVD with Red Hat Enterprise Linux 4 and 5?

Issue

How do I setup a yum or up2date repository to use a locally mounted DVD with Red Hat Enterprise Linux 4 and 5?

Environment

- Red Hat Enterprise Linux 4
- Red Hat Enterprise Linux 5

Resolution

For Red Hat Enterprise Linux 5

Create a dvd.repo text file in /etc/yum.repos.d/ with the following content:

```
[dvd]
mediaid=1170972069.396645*
name=DVD for RHEL5
baseurl=file:///media/RHEL_5%20i386%20DVD/Server (For example for RHEL 5.5 version baseurl line should look like 'baseurl=file
gpgcheck=0
```

(*) The **mediaid=** value comes from the **.discinfo** file located in the root of the DVD.

For example, to install the dovecot package using the new dvd.repo file, run yum with the --noplugins option so yum will not try to communicate with the Red Hat Network servers to fetch the package and its dependencies:

```
# yum install dovecot --noplugins
```

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```
Setting up Install Process
Parsing package install arguments
Resolving Dependencies
--> Running transaction check
---> Package dovecot.i386 0:1.0-1.2.rc15.el5 set to be updated
--> Finished Dependency Resolution

Dependencies Resolved


================================================================================
 Package           Arch     Version         Repository     Size
================================================================================
Installing:
 dovecot           i386     1.0-1.2.rc15.el5  dvd&nb!
sp;           1.5 M

Transaction Summary
================================================================================
Install     1 Package(s)
Update      0 Package(s)
Remove      0 Package(s)

Total download size: 1.5 M
Is this ok [y/N]:
```

If problems occur while trying this procedure, run yum clean all and try running yum install again.

Note: This will only work for the "base" rpm pakages under the /Server directory; if access is needed to the rest of the software in the Red Hat Enterprise Linux Server DVD (Cluster, ClusterStorage and VT), add the following stanzas to the dvd.repo file:

```
[dvd-cluster]
mediaid=1170972069.396645
name=DVD for RHEL5 - Cluster
baseurl=file:///media/RHEL_5%20i386%20DVD/Cluster
enabled=1
gpgcheck=0

[dvd-cluster-storage]
mediaid=1170972069.396645
name=DVD for RHEL5 - ClusterStorage
baseurl=file:///media/RHEL_5%20i386%20DVD/ClusterStorage
enabled=1
gpgcheck=0
```

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```
[dvd-vt]
mediaid=1170972069.396645
name=DVD for RHEL5 - VT
baseurl=file:///media/RHEL_5%20i386%20DVD/VT
enabled=1
gpgcheck=0
```

For more information, see man yum and the following related article:

How do I configure the yum local repository to be able to access a DVD ISO via HTTP?

For Red Hat Enterprise Linux 4

In /etc/sysconfig/rhn/sources, comment out the following line:

```
#up2date default
```

This line needs to be commented out otherwise up2date will keep on looking for information using the Red Hat Network first.

Next, in the same file, create a line like the following:

```
dir mydvdrepo /media/cdrom/RedHat/RPMS
```

Note: The CD/DVD must be mounted and available in the directory /media/cdrom/ and the path must point to the directory containing the RPMS.