Configure AutoFS (AutoMount) in Linux

Useful URL:

<http://elinuxbook.com/how-to-configure-autofs-automount-in-linux/>

1. install autofs:

yum install -y autofs

1. main configuration file:

/etc/auto.master

1. SYNTAX:

**<Mount-Point> <File where we mention the Filesystems>  <Time after which the filesystem will Unmount>**

**Note :** It is not mandatory to mention **timeout** syntax in /etc/auto.master configuration file but It is recomended to do so.

1. Example:

/shared-files /etc/auto.sharedfs --timeout=45

* **/shared-files** – This is the directory where Autofs will mount the filesystems. Create directory if necessary: mkdir -p /shared-files
* **/etc/auto.sharedfs** – In this file we have to mention the file systems which will automatically mounted by Autofs
* **--timeout=35** – This is states that if user will don’s use the mount point for 35 Seconds, then it will unmounted automatically.

1. Configure /etc/auto.sharedfs
2. Use **/etc/auto.misc** for reference.

cp /etc/auto.misc /etc/auto.sharedfs

1. Now edit **/etc/auto.sharedfs** – SYNTAX:

**<Name of the Share>  <File System> <NFS Share Path/Drive Path/Syntax>**

1. Example:

packages -fstype=nfs 10.0.100.155:/packages

**Note**: It means the nfs server is 10.0.100.155 and the shared directory is /packages.

1. Start the service:

systemctl start autofs.service

1. Now to access the shared files you will have to point towards the full path of it:

ls -l /shared-files/packages/