Subject: Re: Create FC6 Template
Posted by Alexandr Andreev on Wed, 14 Mar 2007 14:31:53 GMT
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First of all, I forget to mention, that it's better to use runlevel 1 while making rootfs tar image. In the runlevel 1 all daemons are stopped and not so much processes are executed. This let us be sure, there are no any temporary files, such as lock's for example.

Startup from /bin/bash instead of /sbin/init is even better! In this case, your machine will be as 'clean' as possible. To start /bin/bash as initial process, do the followings:

1. reboot your host, add init=/bin/bash command line to the kernel (if you use grub, press 'e', 'e' again, add 'init=/bin/bash' to the command line, press 'b' to boot your image with this command line). With lilo just press 'TAB', type 'init=/bin/bash' and press ENTER.

2. When you boot your host, NO any process are executed at all, except /bin/bash and few kernel threads. /proc filesystem is also not mounted.

3. you have to remount your / partition read/write:
mount -o rw,remount /

4. Now you can just use:
tar czf /rootfs.tgz --exclude /rootfs.tgz /

You may also just skip /proc directory when making tar image, so actual command will be in your case:

tar czf /rootfs.tgz --exclude "/rootfs.tgz" --exclude "/proc" /