Subject: Re: Working on new release system...
Posted by amrein on Sat, 27 Jun 2009 22:11:45 GMT
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Virtual machines are the easier way to have a complete and good automatic build/test system. Already said this a few months ago.

On Linux or Windows, try http://www.virtualbox.org

Just share a directory in your VMs with read/write access, add needed packages, add a script in your VM to automatically copy and build your new source code from this shared directory and save the binary and logs in this directoy, do a snapshot and then run the VMs with VirtualBox command line tools.

To have up to date Linux release, the script should be able to get updates and then halt the VM before doing a new snapshot with the VirtualBox command line tool (if the script see a "doupdate" file in the shared directory for example).

With multiple VM and with a correct configuration script supporting .upp files configuration, pkg-config and default build directories, all will be automated for good and you will be able to release src, rpm, deb, pkg, exe, 32 bit packages, 64 packages, whatever.