

---

Subject: Howto create a desired distro template?  
Posted by [Fenixoid](#) on Tue, 20 Nov 2007 14:17:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I need to create a scientific linux 3.0.8 template, and only from this distro and it's version. Centos, as a replacement, doesn't workd for this deal.

[http://wiki.openvz.org/OS\\_template\\_cache\\_preparation](http://wiki.openvz.org/OS_template_cache_preparation) only shows, howto create templates only from metadata, and my distro isn't there.

So any ideas about this? maby there's a way, tho create a template from files in iso, or install a distro on other hdd and somehow put whole stuff in openvz's envirement?

---

---

Subject: Re: Howto create a desired distro template?  
Posted by [kir](#) on Tue, 20 Nov 2007 16:11:33 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Basically a template is just a set of packages (RPMs in case of your distro) installed in a chroot'ed environment, and slightly modified so it would suit a VE better.

So you can just use something as simple as  
mkdir some  
rpm --initdb --root ./some  
rpm -ihv --root ./some (list of rpms you want to install)

and then do some cleanups.

The tricky part here is that list. It should be something like a minimal set of packages really needed to run a system (except for the packages what are related to hardware -- those are kernel, bootloader, various drivers, USB, PCI and some other hardware-dependant tools -- you can optimize all those packages out, but their presense won't do harm), plus the packages that you want to have in a template.

When you have this set installed, do some cleanups (see <http://wiki.openvz.org/Category:Templates>, especially Debian template creation article for idea of what are those cleanups).

Finally, create a tarball out of the above directory, and put it into /vz/template/cache.

Then, make sure vzctl understands your distro (look into /etc/vz/dists directory to get the idea).

---