

# Notes for lenya.zones.apache.org.

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## 1 Overview

The server [lenya.zones.apache.org](http://lenya.zones.apache.org) ( <http://lenya.zones.apache.org>) provides our testing and demonstration area. It is managed by Apache Lenya committers.

## 2 Configuration

### Warning:

We are not finished setting up our zone server (better said still in a very early stage), if something is not working it is maybe because it is not set up yet. ;-) Besides the directory structure may change.

Bin files and site structure are stored in SVN at <https://svn.apache.org/repos/asf/lenya/zone>. Please make sure you have a local copy which you can edit. You should not edit our zone files directly on the server. To update them just do `svn update`. For more information about the scripts please read the source code.

### Note:

Till now we only had one user `lenya`. Further to understand what is going on read the source code.

**bin** - `svn-checkout@zone: /export/home/lenya/bin`

### killer

kill all processes containing specified strings.

### lenya-for-forrest.sh

Will update, build clean, build and start the forrest docu instance (not in use ATM)

### mycron.s cron

Shows the currently configured schedule. If you change it, make sure to as well apply it (see [tips and tricks](#)).

### nightlies.sh

This script will build lenya trunk <http://lenya.zones.apache.org:9999/index.html> and lenya-1.2.x <http://lenya.zones.apache.org:8888/index.html> Further you can invoke/prevent "svn update" and the building of cocoon/lenya. FIXME: I will split this script apart for each lenya version.

### setenv\*.sh

set the environment (NOTE: Till now it is a non verified copy from forrest)

**htdocs** - `svn-checkout@zone: /export/home/lenya/htdocs`

Containing src and build of our zones website. Here you can find various forrestbot configuration files (`publish-website-preview.xml` and `publish-zone.xml`) which are deploying the zones site and the lenya staging docu.

All files are owned in the group "other" so any one of us can edit/update. Make sure that your 'umask' is set properly so that new files have group write permissions. See the [notes](#) about user administration. FIXME: Add a proper group.

### 3 Software

Global zone software is as described in [zone administration](http://www.apache.org/dev/solaris-zones.html) ( <http://www.apache.org/dev/solaris-zones.html>) .

Various local software is installed in `/export/opt/` (not managed with SVN) ...

Till now we have installed all additional software in `/export/home/lenya/src`. They are mostly svn checkouts of lenya, cocoon and forrest.

FIXME ( thorsten):

Add more information.

### 4 Administration

See the general notes for the [zone administration](http://www.apache.org/dev/solaris-zones.html) ( <http://www.apache.org/dev/solaris-zones.html>) .

The project chair is the root user. Committers can ask on the dev list to get a user account added or modified.

Follow Leo's config ideas at [GumpZonesConfig](http://wiki.apache.org/gump/GumpZonesConfig) ( <http://wiki.apache.org/gump/GumpZonesConfig>) .

FIXME: Start apache2 on boot (using new Solaris init.d replacement called smf). At the moment we need to realise that it is down and manually restart as per <http://www.apache.org/dev/solaris-zones.html>  
Also it seems that `/var/run/apache2` is wiped out on reboot, so need to `mkdir` again.

#### 4.1 User administration

After receiving your account, please be sure to configure it properly.

See some notes at [zone administration](http://www.apache.org/dev/solaris-zones.html) ( <http://www.apache.org/dev/solaris-zones.html>) and the general notes for [new committers](http://www.apache.org/dev/new-committers-guide.html#shell) ( <http://www.apache.org/dev/new-committers-guide.html#shell>) (especially the part about 'umask').

Look at the setup of some other users on our zone.

#### 4.2 Tips and tricks

**lenya user** - Till now we have used only the user `lenya` to start all scripts and manage the cronjobs. Doing the following you are save to do your work.

```
su lenya
Password: (like sended to you)
```

**restarting services** - You should not restart manually the instances, it is better to use `/export/home/lenya/bin/nightlies.sh`. If you do please store the pid in `/export/home/lenya/bin` in one of the following files:

```
lenya-1_2.pid
lenya-for-forrest.pid
lenya-trunk.pid
```

**cron** - The user lenya is owner of all cron jobs running on zones. If you want to add another cron please edit mycrons.cron (zone/bin) - follow the [useful reference](http://www.scrounge.org/linux/cron.html) ( <http://www.scrounge.org/linux/cron.html>) . Then commit and ssh to the server:

```
ssh -l lenya lenya.zones.apache.org
-bash-3.00$ cd bin/
-bash-3.00$ svn up
-bash-3.00$ crontab mycrons.cron #loads the actual cron jobs
-bash-3.00$ crontab -l #check to see if it was loaded
```