

Notes for forrest.zones.apache.org

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1. Overview

The server forrest.zones.apache.org provides our testing and demonstration area. It is managed by Apache Forrest committers.

2. Configuration

Configuration files and directory structures are stored in SVN at <https://svn.apache.org/repos/asf/forrest/zone>

config

```
creates /export/home/config ... $CONFIG
directories /forrestbot-*/ are the forrestbot homes, see below.
setenv*.sh ... these are sourced by the forrestbots and other
cronjobs and user configs, to set the environment.
```

htdocs

```
creates /var/apache2/htdocs ... $DOC_ROOT
directories /ft/ and /fts/ are the forrestbot config and results, see below.
```

Files here 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.

Cron runs the various Forrestbots and management tasks, such as updating the forrest-trunk software; cleaning up old logfiles, etc. **FIXME:** These are not yet managed under SVN, see [~crossley/my-crontab.txt](#)

3. Software

Global zone software is as described in [zone administration](#).

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

3.1. Forrest

forrest-trunk

```
svn checkout of trunk.
automatically 'svn update' and 'build' via cron: $CONFIG/update-forrest-trunk.sh
```

forrest-trunk-stable

```
svn checkout of trunk, manually updated as needed.
```

forrest-release

```
svn checkout of current release branch, manually updated as needed.
FIXME: Not yet done.
```

To manually update -stable or -release do this:

```
source $CONFIG/setenv-java-14.sh
```

```
cd /export/opt/forrest-trunk-stable
svn up
cd main
./build.sh clean; ./build.sh
```

4. The forrestbots

There are various forrestbots operating with different versions of forrest. Their home is at \$CONFIG

\$CONFIG/forrestbot-trunk

forrestbot operating with trunk.
builds various sites automatically, triggered via cron.
Configuration files and the generated results are at \$DOC_ROOT/ft/
FIXME: The web interface is coming soon.

\$CONFIG/forrestbot-trunk-stable

forrestbot operating with trunk-stable.
builds various sites, only runs when needed, triggered via cron.
Configuration files and the generated results are at \$DOC_ROOT/fts/

Forrestbot logs are at \$CONFIG/forrestbot-trunk*/logs/ and old ones are cleaned up by the crontab.

5. Administration

See the general notes for the [zone administration](#).

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](#).

Also keep an occasional eye on \$CONFIG/update-forrest-trunk.log This is the output of the cronjob to do svn update to trunk and re-build.

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.

5.1. User administration

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

See some notes at [zone administration](#) and the general notes for [new committers](#) (especially the part about 'umask').

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