

GumpZonesConfig

This page contains notes taken while installing a new FreeBSD jail in August 2010 - the new machine was named gump2 and later renamed to gump (which was the name of the old machine as well). It has been amended after the OS has been upgraded in March 2012

gump runs in a FreeBSD 9.0 jail on sigyn.

The installation procedure is pretty similar to that of [VmgumpConfig](#) so only the differences are note here.

OS level software installed via ports

This has been installed by the infrastructure team.

```
$ java -version
openjdk version "1.6.0_30"
OpenJDK Runtime Environment (build 1.6.0_30-b24)
OpenJDK 64-Bit Server VM (build 20.0-b12, mixed mode)
```

Other Dependencies

no differences to [VmgumpConfig](#)

Create the gump user

used `adduser` interactively to create a user gump in group gump.

create the Gump directory structure

similar to [VmgumpConfig](#) but had to explicitly disable storing of svn password for root in `/root/.subversion/config` - and checked out Gump's trunk instead of the live branch, i.e.

```
~$ cd /srv/gump/public
/srv/gump/public$ sudo -u gump svn co https://svn.apache.org/repos/asf/gump/trunk/ gump
```

create a testbed workspace

similar to [VmgumpConfig](#) but the file names are `/srv/gump/public/gump/metadata/gump.xml` and `/srv/gump/public/gump/cron/local-env-gump2.sh` the later contains:

```
export GUMP_WORKSPACE=/srv/gump/public/gump/metadata/gump
export JAVA_HOME=/usr/local/openjdk6
export MAVEN_HOME=/opt/maven
export M2_HOME=/opt/maven2
export M3_HOME=/opt/maven3
export MVN_PROXY_HOME=/opt/repoproxy

export LANG=en_US.UTF-8
export PATH=$PATH:$MAVEN_HOME/bin:$M2_HOME/bin
```

Some of the builds really only work with GNU make, so the workspace needs an attribute `makeCommand="gmake"`.

make the results world-visible

configure `/usr/local/etc/apache22/Includes/gump.zones.apache.org.conf`

```

NameVirtualHost *
<VirtualHost *>

    ServerAdmin private@gump.apache.org
    ServerName gump2.zones.apache.org

    DocumentRoot /usr/local/www/apache22/gump

    <Directory />
        Options FollowSymLinks
        AllowOverride None
    </Directory>
    <Directory /usr/local/www/apache22/gump>
        Options Indexes FollowSymLinks MultiViews
        AllowOverride None
        Order allow,deny
        allow from all
    </Directory>

    ErrorLog /var/log/gump2.zones.apache.org.error.log

    # Possible values include: debug, info, notice, warn, error, crit,
    # alert, emerg.
    LogLevel warn

    CustomLog /var/log/gump2.zones.apache.org.access.log combined
    ServerSignature On

    Alias /gump/public/ /srv/gump/public/workspace/log/

    <Directory /srv/gump/>
        HeaderName /disclaimer.html
        Options Indexes MultiViews FollowSymLinks
        AllowOverride None
        Order allow,deny
        Allow from all
    </Directory>

    <Location /gump/public/workspace_defn.html>
        Order deny,allow
        Deny from all
    </Location>
</VirtualHost>

```

```

~$ sudo mkdir /usr/local/www/apache22/gump
~$ sudo chown gump:gump /usr/local/www/apache22/gump
~$ sudo apachectl graceful

```

make it a real Gump instance

switch to the gump profile and set up crontab for Gump like described in [VmgumpConfig](#)

crontab needs an extra line

```
PATH=/usr/bin:/bin:/usr/local/bin
```

because python (and most anything else) is in /usr/local

help CVS

can be done before starting the Gump run, see [VmgumpConfig](#)

help svn

Unlike the svn client on Ubuntu systems the one found on FreeBSD doesn't accept server certificates automatically. I'm sure there is a setting somewhere that can (and should) be tweaked, for now I've accepted all certificates manually so the updates will work on subsequent Gump runs.

help Maven 1.x

see [VmgumpConfig](#)

git

see [VmgumpConfig](#)

database

Applied recommendations from <http://dev.mysql.com/doc/refman/5.1/en/default-privileges.html>

Created the gump_public database and the gump user as in [VmgumpConfig](#).

Used the "create database from scratch" approach.

Added a database element to the profile.

Note this is obviously not enough to make Gump use the database, this topic is under investigation 8-)

Rename gump2 -> gump

Hostname has to be changed from outside the jail.

```
# mv /srv/gump/public/gump/cron/local-env-gump2.sh /srv/gump/public/gump/cron/local-env-gump.sh
```

edit /usr/local/etc/apache22/Includes/gump.zones.apache.org.conf and change [ServerName](#) to gump.zones.apache.org

```
$ sudo apachectl graceful
```