

# Running Lenya Behind Apache with mod\_proxy\_ajp

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## 1 Configuring the AJP Connector in Tomcat

The file `$TOMCAT_HOME/conf/server.xml` contains an AJP 1.3 connector on port 8009 by default:

```
<Connector port="8009" enableLookups="false" redirectPort="8443" protocol="AJP/1.3"/>
```

If the connector is not present, you have to add it.

## 2 Configuring the Apache Web Server

Now we'll declare the virtual hosts for the Apache web server. This is done in a file called `httpd-vhosts.conf`. On Mac OS X, it is located in the directory `/opt/local/apache2/conf/extra`. The contents of the file should look like this:

```
NameVirtualHost *:80
NameVirtualHost *:443

# This is the non-SSL host for the authoring environment.
<VirtualHost *:80>
    ServerAdmin webmaster@cms.example.com
    ServerName cms.example.com
    ServerAlias cms

    ProxyRequests Off

    RewriteEngine On
    RewriteLog /home/john/src/www/logs/cms.example.com-rewrite_log
    RewriteLogLevel 4

    # Redirect the login usecase to https
    RewriteCond %{QUERY_STRING} (.*?)lenya\.usecase=ac\.login(.*?)
    RewriteRule ^/(.*) https://%{SERVER_NAME}/$1 [R,L]

    <Location /lenya/>
        ProxyPass ajp://localhost:8009/lenya/
        ProxyPassReverse http://cms.example.com/lenya/
    </Location>

    <Location /modules/>
        ProxyPass ajp://localhost:8009/modules/
        ProxyPassReverse http://cms.example.com/modules/
    </Location>

    <Location /default/modules/>
        ProxyPass ajp://localhost:8009/default/modules/
        ProxyPassReverse http://cms.example.com/default/modules/
    </Location>

    <Location />
        ProxyPass ajp://localhost:8009/default/
        ProxyPassReverse http://cms.example.com/default/
    </Location>

    ErrorLog /home/john/src/www/logs/cms.example.com-error_log
    CustomLog /home/john/src/www/logs/cms.example.com-access_log common
</VirtualHost>

# This is the SSL host for the authoring environment.
<VirtualHost *:443>
    ServerName cms.example.com
    ServerAlias cms
```

```
ProxyRequests Off

SSLEngine On
SSLCipherSuite ALL:!ADH:!EXPORT56:RC4+RSA:+HIGH:+MEDIUM:+LOW:+SSLv2:+EXP:+eNULL
SSLCertificateFile /home/john/pki/server.crt
SSLCertificateKeyFile /home/john/pki/server.key

<Location /lenya/>
  ProxyPass ajp://localhost:8009/lenya/
  ProxyPassReverse https://cms.example.com/lenya/
</Location>

<Location /modules/>
  ProxyPass ajp://localhost:8009/modules/
  ProxyPassReverse https://cms.example.com/modules/
</Location>

<Location /default/modules/>
  ProxyPass ajp://localhost:8009/default/modules/
  ProxyPassReverse https://cms.example.com/default/modules/
</Location>

<Location />
  ProxyPass ajp://localhost:8009/default/
  ProxyPassReverse https://cms.example.com/default/
</Location>

ErrorLog /home/john/src/www/logs/ssl.cms.example.com-error_log
CustomLog /home/john/src/www/logs/ssl.cms.example.com-access_log common

</VirtualHost>

# This is the non-SSL host for the live area.
<VirtualHost *:80>
  ServerAdmin webmaster@www.example.com
  ServerName www.example.com
  ServerAlias www

  ProxyRequests Off

  <Location />
    ProxyPass ajp://localhost:8009/default/live/
    ProxyPassReverse http://www.example.com/default/live/
  </Location>

  ErrorLog /home/john/src/www/logs/www.example.com-error_log
  CustomLog /home/john/src/www/logs/www.example.com-access_log common
</VirtualHost>
```