

This page will describe my journey while installing SyncroEdit for DORS/CLUC 2007 conference.

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Contents: [Dobrica Pavlinu's random unstructured stuff]

- Dobrica Pavlinu's random unstructured stuff (SVN checkout)
- Dobrica Pavlinu's random unstructured stuff (Building and installing Debian packages)
 - ◆ Dobrica Pavlinu's random unstructured stuff (server)
 - ◆ Dobrica Pavlinu's random unstructured stuff (client)
 - ◆ Dobrica Pavlinu's random unstructured stuff (Apache)
 - ◆ Dobrica Pavlinu's random unstructured stuff (test)
- Dobrica Pavlinu's random unstructured stuff (Setup ESPI)
 - ◆ Dobrica Pavlinu's random unstructured stuff (install perl ESPI)
 - ◆ Dobrica Pavlinu's random unstructured stuff (configure server)
- Dobrica Pavlinu's random unstructured stuff (Changes in my tools)

I have been tracking development of this tool for quite a while, and since we wanted to add some social interaction at conference, SyncroEdit seemed like a right tool for a job.

SVN checkout

```
svn co http://svn.synchroedit.com/root/trunk synchroedit
cd synchroedit
```

Building and installing Debian packages

server

First, apply patch to fix `init.d` script: synchroedit-init.d-fix.diff

```
cd server/
sudo ./debian/rules binary
cd ..
sudo dpkg -i synchroedit-server_0.5-1_all.deb
```

client

```
cd client/
sudo ./debian/rules binary
cd ..
sudo dpkg -i synchroedit-client_0.5-1_all.deb
```

Now, deploy the client:

```
cd /data
mkdir synchroedit-client
```

```
synchroedit-deploy synchroedit-client
```

Examine created `/data/synchroedit-client/config.cgi` file (I had to manually edit SESERVICE, YMMV)

Apache

Add Apache configuration for new virtual host <http://se.m.rot13.org>

```
<VirtualHost 193.198.212.4>
    ServerName se.m.rot13.org
    DocumentRoot /data/synchroedit-client
    DirectoryIndex index.cgi index.html client.html
    <Directory "/data/synchroedit-client/">
        Options FollowSymLinks ExecCGI
        Order allow,deny
        Allow from all
    </Directory>
    CustomLog /var/log/apache/access-se.m.rot13.org.log full
</VirtualHost>
```

test

Test to see if everything is working...

```
$ GET http://se.m.rot13.org/handshake.cgi
HAVE SID1 2048 GDAY:ACLR:
```

Setup ESPI

This is a tricky part. I didn't want to depend on php for this installation so I decided to write simple ESPI in perl.

install perl ESPI

```
cd /data/synchroedit-client/
svn co svn://svn.rot13.org/synchroedit/
```

configure server

Edit `/etc/synchroedit/synchroedit.rc` and change following options:

```
ESPI=http://se.m.rot13.org/synchroedit/espi.cgi
ESPIHooks=authenticate-user
sessionAuthentication=1
```

Restart server to re-read configuration file

```
sudo /etc/init.d/synchroedit-server restart
```

Changes in my tools

This is subversion commit log of my tools for SynchroEdit

fetchrss: <http://svn.rot13.org/index.cgi/synchroedit/rss>

- There was an error: 404 Not Found