Instructions to set up Subversion server

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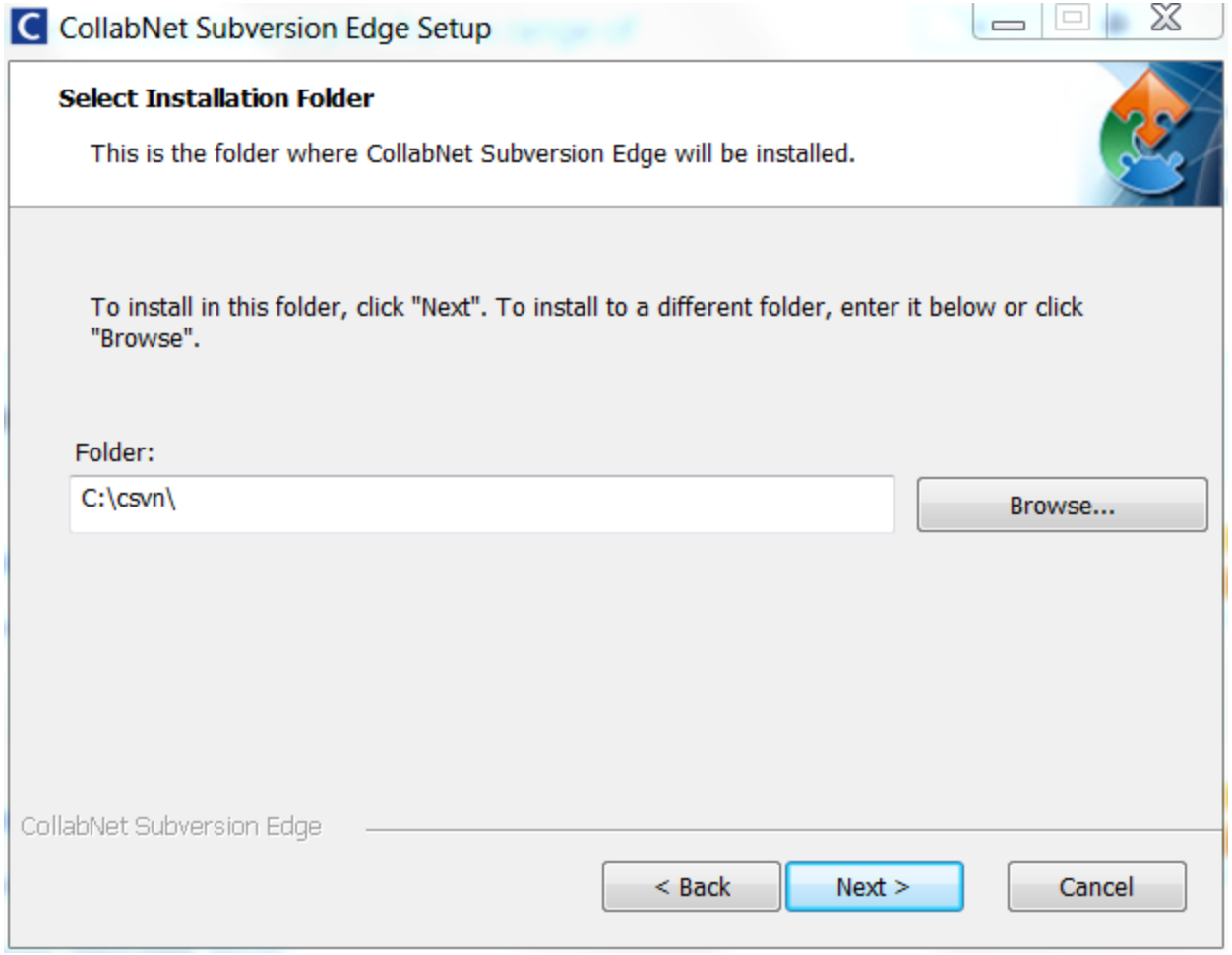
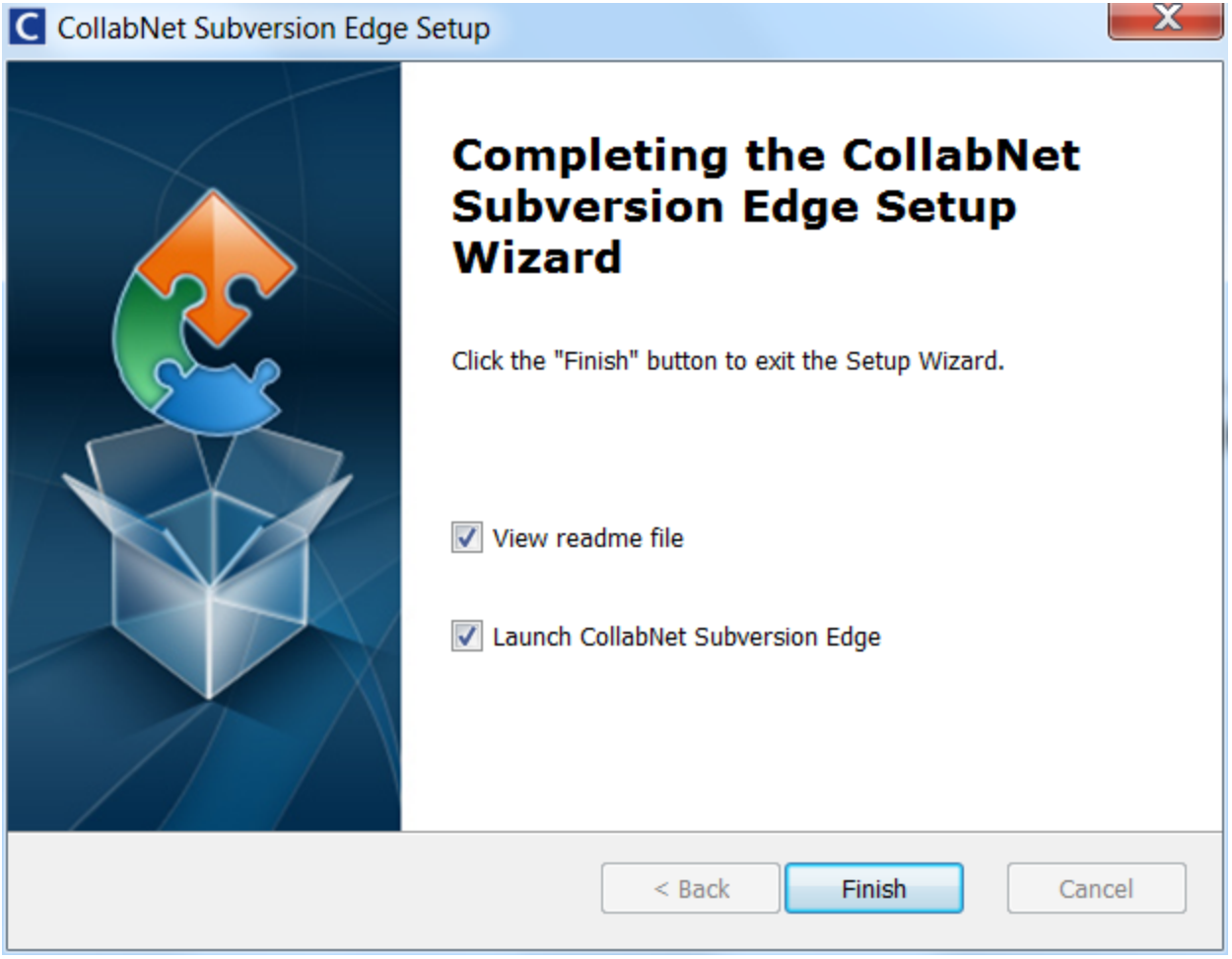
Subversion server with HTTPS support

- Install Collabnet Subversion Edge
- https://www.collab.net/downloads/subversion

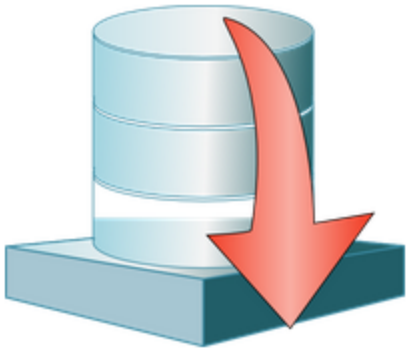
Installation Folder




CollabNet Subversion Edge Setup
Completing the CollabNet Subversion Edge Setup Wizard
Click the "Finish" button to exit the Setup Wizard.
View readme file
Launch CollabNet Subversion Edge
< Back
Finish
Cancel

SubversionEdge
by CollabNet

Console Status: Waiting for console to complete startup..



Welcome to CollabNet Subversion Edge. The link

When first installed, Subversion Edge can be man

User name:	**admin**
Password:	**admin**

Edit your password by clicking the username link t

Thank you for installing CollabNet Subversion Edg

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e. The link above will indicate when the management console is ready to use. At that time, follow the link to the login page (http://localhost:3343/csvn).

Launching Collabnet SVN server

- After a computer restart, you may have to manually go into the csvn installation folder and open launch.html
- If launch.html does not launch the Collabnet server, start manually the CollabNet Subversion Edge and CollabNet Subversion Server Windows Services

- 1. CollabNet Subversion Edge - a Java-based web application that provides a browser UI for configuring and managing your Apache Subversion server.
- 2. CollabNet Subversion Server - the actual Apache Subversion server that the management console manages for you, and that your Subversion users will access.

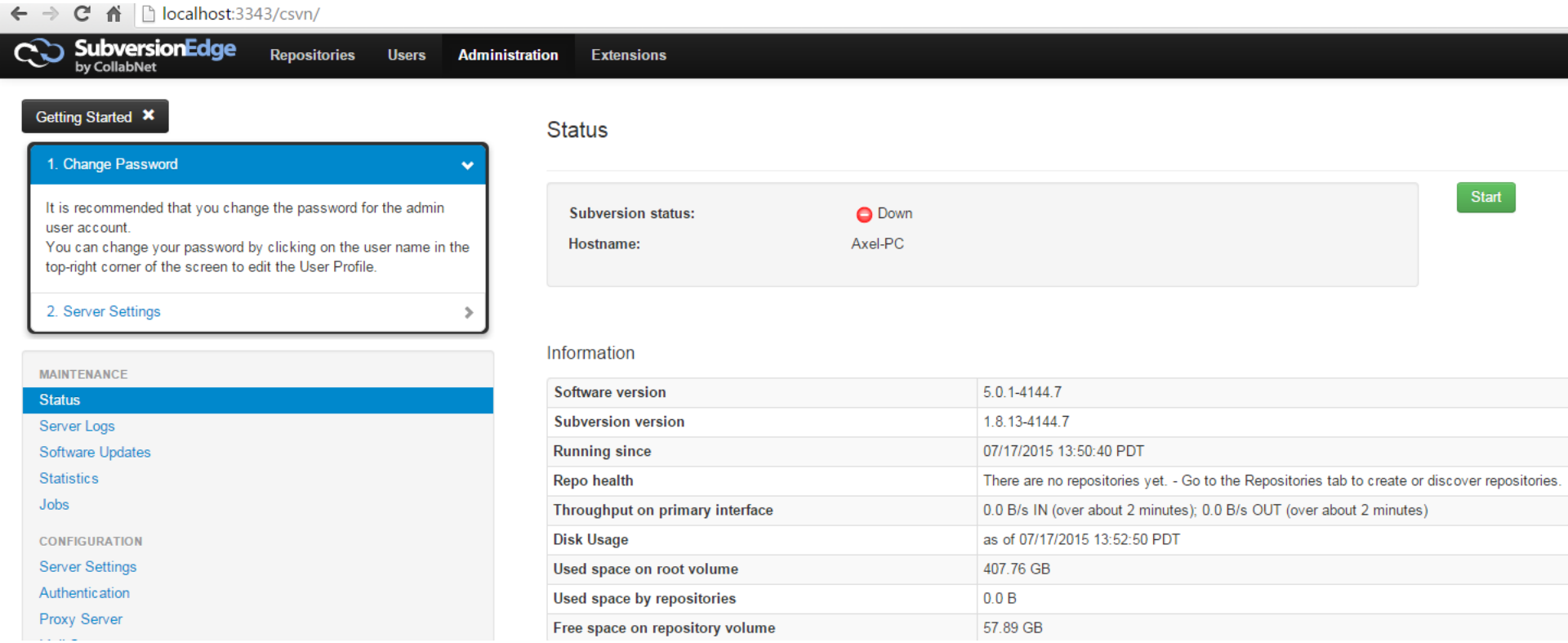
Create repository

- Create a repository through the csvn app at localhost:3344/csvn

- Or alternatively
- Choose a repository location within the root Subversion folder (C:\csvn\data\repositories)
- Command: **svnadmin create C:\csvn\data\repositories\simulinkmodelsrepo**

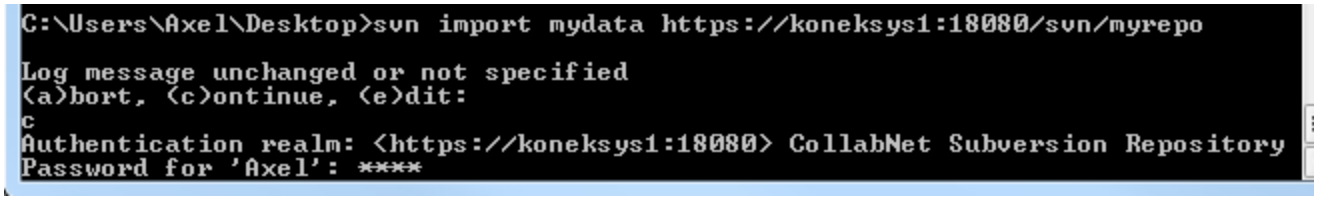
```
C:\Program Files (x86)\CollabNet\Subversion Server>svnadmin create C:\csvn\data\
repositories\myrepo
```

Start server



Add files to repository

- Put files first in a directory, for example named mydata
- Command: **svn import simulinkmodels http://axel-pc/svn/simulinkmodelsrepo/**

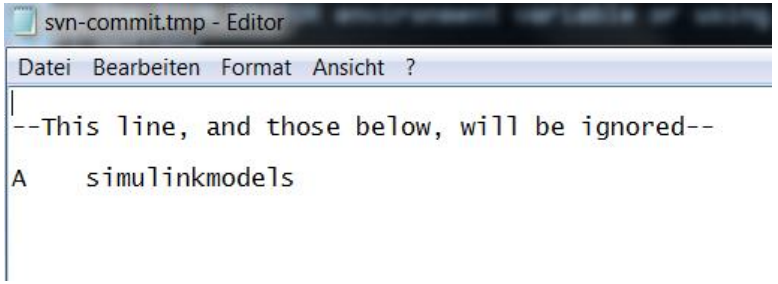


Problem

```
C:\Users\Axel\Desktop>svn import simulinkmodels http://axel-pc/svn/simulinkmodel
srepo/
svn: E205007: Could not use external editor to fetch log message; consider setti
ng the $SVN_EDITOR environment variable or using the --message (-m) or --file (-
F) options
svn: E205007: None of the environment variables SVN_EDITOR, VISUAL or EDITOR are
 set, and no 'editor-cmd' run-time configuration option was found
```

Solution

- Command: **set SVN_EDITOR=notepad.exe**
- Editor pops up with message
- Close editor
- Command line requests input




```
Authentication realm: <http://axel-pc:80> CollabNet Subversion Repository
Password for 'Axel':
```

Use admin + admin for username/passwd

```
C:\Users\Axel\Desktop>svn import simulinkmodels http://axel-pc/svn/simulinkmodel
srepo

Log message unchanged or not specified
(a)bort, (c)ontinue, (e)dit:
c
Authentication realm: <http://axel-pc:80> CollabNet Subversion Repository
Password for 'Axel': ****
Authentication realm: <http://axel-pc:80> CollabNet Subversion Repository
Username: admin
Password for 'admin': *****
Adding  (bin)  simulinkmodels\TwoDOFRobotDynCon.slx
Adding  (bin)  simulinkmodels\model1.slx
Adding  (bin)  simulinkmodels\model11.slx
Adding  (bin)  simulinkmodels\model11AfterRT.slx
Adding  (bin)  simulinkmodels\model11AfterRT4.slx
Adding  (bin)  simulinkmodels\model2.slx
Adding  (bin)  simulinkmodels\model3.slx
Adding  (bin)  simulinkmodels\model4.slx
Adding  (bin)  simulinkmodels\sldemo_househeat.slx
Adding         simulinkmodels\test.txt

Committed revision 1.
```

Subersion Repository on the Web

Possible problem: importing before having created a repository

```
C:\Users\Axel\Desktop>svn import x2 http://axel-pc/svn/x2

Log message unchanged or not specified
(a)bort, (c)ontinue, (e)dit:
c
svn: E175002: Unable to connect to a repository at URL 'http://axel-pc/svn/x2'
svn: E175002: Unexpected HTTP status 500 'Internal Server Error' on '/svn/x2'

svn: E720003: Additional errors:
svn: E720003: Could not open the requested SVN filesystem
```

Subversion client using proxy server

- By default SVNKit uses proxy settings from the *servers* configuration file that is located in the default SVN run-time configuration area.
- On Windows 7, edit file C:\Users\<UserName>\AppData\Roaming\Subversion\servers

```
35  ### Information for the first group:
36  # [group1]
37  # http-proxy-host = proxy1.some-domain-name.com
38  # http-proxy-port = 80
39  # http-proxy-username = blah
40  # http-proxy-password = doubleblah
41  # http-timeout = 60
42  # neon-debug-mask = 130
```

Proxy Server Settings

- Global section

```
50  ### You can set default parameters in the 'global' section.
51  ### These parameters apply if no corresponding parameter is set in
52  ### a specifically matched group as shown above.  Thus, if you go
53  ### through the same proxy server to reach every site on the
54  ### Internet, you probably just want to put that server's
55  ### information in the 'global' section and not bother with
56  ### 'groups' or any other sections.
```

```
[global]
http-proxy-host = ip.add.re.ss
http-proxy-port = 3128
```