SquiVi2 Quick HowTo

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Hello, this is the quick howto setup SquiVi2. First of all: this is only a quick guide how to setup SquiVi2. The full documentation is still in German because I didn't found any time to translate it... (and I'm a typical programmer: coding is fun, documentation isn't). The doku will be translated but I can't say you when. So let's begin!

This here is only a very short description of how to install SquiVi2. Of course you can change these steps as you like.

1. What you need to run SquiVi2 is: perl, wget, an running apache or any other webserver (which can execute cgi) and squid (of course). Prepare them that they work correctly!
2. Check if all perl modules are installed. You need the following modules:
   - Config::General
   - Data::Dumper
   - GetOpt::Std
   - LWP
   - Storable
   - URI::Escape
   - Unix::Syslog
3. Now copy the contents of the archive to a folder you like and change to this folder.
4. Modify your apache setup. The files in the directory htdocs should be accessible. You can test it by just running them in your favourite browser (http://<your-server/your-dir-if-necessary>/squiv.cgi). What you should see is an error about a missing config file or something like that. If your apache is running correctly you can proceed with the next step.
5. You will find in the etc directory a sample config file named squivi.conf. Modify that file to fit your environment. You should change at least the following settings:
   1. Any weburl like http://squivi2.gute.frage/... to the url of your apache.
   2. Check all information to external programs. Check if they exists in your setup and correct them.
      1. Check all deflating tools. If you have more installed you can include them at this point.
      2. Check the path to wget is correct. The default args in the config should be ok.
      3. Now include your virus scanner. There are some examples at the bottom of the configuration file.
      4. Please remember to remove all tools which you don't need or you don't have installed.
   3. Set the download path to your folder like /where/do/I/have/put/all/the/beautiful/files/download
      Check, that SquiVi2 has write access to that directory. SquiVi2 runs under the uid from squid, e.g. squid. Check if that user can read and write files in that dir. Your webserver should be able to create the file .authdata in the downloaddir.
      If you have all of that done go to the next step.
6. Now it's time to include SquiVi2 into squid. Open your squid config and search the redirect_program directive. Change it to redirect_program /your/path/bin/squivi.pl -c /your/path/etc/squivi.conf. Change redirect_children to 8. This is a good value for starting if you are not sure which value to use.
   If you have already included a redirector tool use squiviplex.pl in the bin directory. Open this file with an editor and modify the two lines progOne and progTwo. One of them is your old redirector, the other is SquiVi2 (normally the second one). Insert in squid squiviplex as redirector.

If you want to use more than two redirectors look back on the sourceforge page: you will find a tool named manyplex. That is what you are looking for.

7. That's it. SquiVi2 should now scan your downloads.

If you have any problems running SquiVi: first check all path information and the syntax in your config file. Please check if squid and apache can write in the downloaddir, too. This are the most reasons why SquiVi2 didn't run. If there are still problems you can send me an email.

Have fun!

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