

# DownloadFromSvn

## Downloading [SpamAssassin](#) from SVN

The latest development version can be obtained at any given time from the [SpamAssassin](#) Subversion (SVN) repository. Please note that this code can be quite unstable and we don't recommend running it on real or important mail unless you really know what you are doing.

To do this, you will need to install subversion. [Subversion website](#) [Subversion book](#) Note that the server components are **not required** – just the 'svn' command and its dependencies.

If you are tracking the SVN tree, you should probably subscribe to the [SpamAssassin-Dev](#) mailing list – see [MailingLists](#).

## Viewing the SVN tree through the web

- [Trunk](#) (active development branch, a la CVS HEAD)
- [The branches and tags](#)

See [SvnBranches](#) for some details on these.

## Downloading via SVN

```
$ svn checkout https://svn.apache.org/repos/asf/spamassassin/trunk spamassassin-trunk
```

This will put the latest (trunk) version of spamassassin in the directory spamassassin-trunk.

```
$ svn checkout https://svn.apache.org/repos/asf/spamassassin/branches/3.4 spamassassin-3.4
```

This will put the 3.4 branch of spamassassin in the directory spamassassin-3.4.

## Committing to SVN

Commit access is generally given if you have a history of making valuable contributions to [SpamAssassin](#) in the form of patches.

When committing your changes to the [SpamAssassin](#) tree, SVN will ask you to authenticate with your Apache account.

## Building

Follow the directions in the INSTALL file as usual (`cd spamassassin-trunk; perl Makefile.PL; make; make install`).

## Using Subversion

### Updating your tree

```
$ svn update
```

This command should update your local tree to reflect changes made on the server. Do this periodically, especially before submitting a patch.

### Creating a patch

```
$ svn diff
```

This will create a unified diff (patch-file) with the differences between your local tree and the server's copy. Be sure to update before you do this to ensure there are no conflicts.

### Listing files

```
$ svn list https://svn.apache.org/repos/asf/spamassassin/branches
```

## More information

For more information, try "svn help" and reading the [Subversion website](#) and the [Subversion book](#).

## Legacy

### SourceForge

The old CVS tree and other modules are still hosted at [sourceforge.net](#).

To update a subversion checkout from the incubator tree use the svn switch command inside your working directory:

```
$ svn switch https://svn.apache.org/repos/asf/spamassassin/trunk
```

NOTE: This does not contain official releases and is not endorsed by the [SpamAssassin](#) Project Management Committee or the Apache Software Foundation.

### Ubuntu daily builds PPA

To use [daily package builds for Ubuntu](#):

```
apt-get install python-software-properties # the add-apt-repository command
add-apt-repository ppa:spamassassin/spamassassin-daily
apt-get update
apt-get install spamassassin spamc
```

Documentation of the process of updating the debian directory which this uses to build can be found at [SyncDebianPackaging](#).

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