NAME

svni − Interactive subversion check−in

SYNOPSIS

```
svni [ -a | --add ] [ -d | --debug ] [ -e | --editor editor ]
     [ -f | --followup command ] [ --highlight [ syntax ] ]
     [ -l | --lint type[,type ... ] ] [ -m | --message message ]
     [ -N | --non-recursive ] [ -u | --username username ]
     [ --no-followup ] [ --no-lint ] [ files ... ]
svni { -r | --retry | -h | --help | -v | --version }
```

DESCRIPTION

`svni` can be used to interactively select files to check in into a subversion repository.

`svni` will first run `svn status` and `svn diff` on the specified files (`.` by default). Then a temporary file will be constructed with the following format:

```
-- Lines starting with '--' will be ignored              --
-- The lines below will make a selection what to commit   --
-- Files with '+' in the first column will be svn-added   --
-- Files with '-' in the first column will be svn-removed --

?       theme/foreground.css
M       theme/icons.css
M       theme/style.css
A       theme/icons/user_add.png

-- Difference overview --

+-- 17 lines: Index: theme/icons.css---------------------------
+-- 13 lines: Index: theme/style.css---------------------------

-- vim: set filetype=svni foldmethod=marker: --
```

This file will be presented to the user in an editor of the user's choice. The user can add a commit message at the start of the file and use the list of files in the middle section to make a selection of files to check in. The character in the first column is the `svn status` character, or period `.` if the file is up-to-date. Files that are marked with a question mark **?** or period **.** in the first column will not be checked in, unless the user changes it to a plus sign **+**, in which case `svni` will add them to the repository first (using `svn add`). If the first character is changed to a minus sign **−**, the file will be deleted from the repository (using `svn del`).

`svni` will automatically mark unversioned files for adding if the **−a** commandline option is provided.

The bottom section of the file contains `svn diff` information enclosed in svni-specific *vim*(1) fold markers. If *vim*(1) is used as the editor, these folds will normally be closed at editor startup time. When opened, they will show which differences are about to be committed, as follows:

```
-- Difference overview --

Index: theme/icons.css {{{_svni_{{{
===================================================================
--- theme/icons.css     (revision 7233)
+++ theme/icons.css     (working copy)
@@ -7,6 +7,11 @@
   background-repeat: no-repeat;
 }
+.icon−status−inactive {
+  background−image: url(icons/status_inactive.png) !important;
+  background−repeat: no−repeat;
+}
+
 .icon−status−concept {
   background−image: url(icons/fam/pencil.png) !important;
   background−repeat: no−repeat;
}}}_svni_}}}
+−− 13 lines: Index: theme/style.css−−−−−−−−−−−−−−−−−−−−−−−−−−

−− vim: set filetype=svni foldmethod=marker: −−
```

In this section, all lines will be ignored, so lines starting with a plus sign + or minus sign − have no special meaning and will not cause any files to be added or deleted.

For more information about folds, use the *vim*(1) command `:help folds`.

If the user wishes to abort the current action, it suffices to empty the list of filenames.

If no commit message is entered, the commit will be aborted, but the temporary file will be kept. It can be edited again using `svni −r` (see below).

OPTIONS

−a, −−add

Unversioned files will be automatically marked for addition with `svn add`. Unversioned files are normally shown with a question mark **?** in the first column; using this option will automatically convert these to pluses + before opening the editor.

−d, −−debug

Does not perform an actual `svn add` or `svn ci`, but echoes the commands to standard output instead. Also, does not remove the temporary message file.

−e, −−editor

Used to indicate which editor should be spawned.

−f, −−followup *command*

Specifies a command to run after a succesful commit.

−h, −−help

Print usage information and exit.

−−highlight [*syntax*]

Specifies which syntax highlighting to select in the *vim*(1) modeline. The default, in absence of this option, is **svn** syntax. If the vim syntax file for `svni` has been installed, then the presence of this option will select **svni** syntax, which has the added benefit of recognizing and highlighting lines that start with + or −, and using *diff* syntax for regions between foldmarkers.

A syntax may be selected explicitly by specifying it as an argument to the `−−highlight` option. The defaults are **svn** if the option is absent, **svni** if present without an argument.

−l, −−lint *type*[,*type* ...]

The input files of the specified file types are checked for syntax errors. If any errors are found, a warning is emitted and the user is asked for confirmation before continuing.

Currently, the default syntax checkers are:

C:	gcc -fsyntax-only
JavaScript:	rhino /usr/local/share/jslint.js
Perl:	perl -cw
PHP:	php -l

TeX:	if chktex -q -m all %s 2>&1 | grep .; then exit 1; fi
XML:	xmllint --noout

These default syntax checking commands can be overruled using the environment variables SVNI_LINT_* or by using a config file (see below).

−m, −−message *message*

Fill the commit message with an initial value. Note that the changes will **not** be automatically committed.

−−no−followup

Don't run any followup command specified in the config file or on the commandline.

−−no−lint

Don't run any syntax checkers specified in the config file or on the commandline.

−N, −−non−recursive

Use the `−N` flag in `svn` commands. This ensures that add and delete actions are not performed recursively.

In case the user wants to add a new directory, but only some of the files contained in it, this option must be used.

In most other cases where the user wants to perform an `svn add` or `svn del` action, this option must not be used.

−r, −−retry

If a previous commit has failed, the commit message file has not been deleted. This option will instruct `svni` to pick up the most recent message file, and open it in the editor to try the commit again.

−u, −−username *username*

Set the username as indicated.

−v, −−version

Print the current program version and exit.

ENVIRONMENT

SVNI_EDITOR

Used to specify the editor. Takes precedence over the usual VISUAL and EDITOR commands, and over the setting in the *.svnirc* file.

SVNI_LINT_C
SVNI_LINT_JAVASCRIPT
SVNI_LINT_PERL
SVNI_LINT_PHP
SVNI_LINT_TEX
SVNI_LINT_XML

Specify alternate commands to check the syntax of source files, *e.g.*:

```
SVNI_LINT_JAVASCRIPT='jslint_wrapper −s'
SVNI_LINT_TEX=chktex_wrapper
```

`svni` assumes that the name of the file to be checked can be appended to this command, unless the string **`%s`** occurs in the commandline, in which case `svni` will replace it with the name of the file to be checked. The default TeX syntax checking command shows an example of such usage.

SVNI_OPTIONS

Used to specify default commandline options, *e.g.*:

```
SVNI_OPTIONS='−l php,javascript −−highlight'
```

CONFIG FILE

`svni` also reads config options from a user-specific *`$HOME`/.svnirc* file. Lines in this file should have the form `key:value`. Everything after a `#` character on the same line is discarded as a comment. An example file with the supported options:

```
auto_svn_add:0 # can be 0 or 1
#debug:0 # can be 0 or 1
editor:vim −X
#followup:svn_after_commit.sh
highlight:svni
lint:php,javascript,perl,tex
#lint_c:
lint_javascript:jslint_wrapper −s
#lint_perl:
#lint_php:
lint_tex:chktex_wrapper
#lint_xml:
message:Standard commit message header
#username:ruittenb
```

SYNTAX HIGHLIGHTING

`svni` is bundled with a *vim* (1) syntax file *svni.vim*. When installed, it can apply **svn** syntax highlighting (including the `svni`−specific command characters `+` and `−`) to the top part of the temporary message file, and **diff** syntax highlighting to the bottom part of the file.

BUGS and WARNINGS

None known.

VERSION

This manual pertains to `svni` version 0.36.2.

AUTHOR and COPYRIGHT

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`svni` can be obtained from its project page at Sourceforge: <http://sourceforge.net/projects/svni>

SEE ALSO

chktex (1), *rhino* (1), *svn* (1), *vim* (1), *xmllint* (1).