GMS is a Geany Mini-Script filter plugin.

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Contents

1 Main features

This plugin is a tools to apply a script filter on :

- the text selection,
- the current document,
- all documents of the current session.

The filter type can be:

- Unix shell script,
- perl script,
- python script,
- sed commands,
- awk script,
- or user command.

The output can be :

- the selection of the current document,
- all the current document,
- or a new document.

The GMS plugin is a kind of an improved “Find&Replace” function.

2 Requirements

To use it you need Geany 0.15.

For compiling GMS, you need Geany, GTK2 includes, and GTK2 library. Furthermore you need, of course, a C compiler and the Make tool.

The GNU versions of these tools are recommended.

3 Compiling

Firstly, decompress the GMS archive and rebuild the autotools files :

Secondly, intialize the intl tools and configure the project

Thirdly, clean the project

```
config.status: executing po/stamp-it commands
# INTLTOOL_MAKEFILE
----------------------------------------
Install Geany Mini-Script in       : /usr/local/lib/geany
Using Geany version                : 0.15
Using GTK version                  : 2.14.4

Configuration is done OK.

burlot:~/gms_essai/gms$ make clean
```

Next step, compile the plugin : make

```
burlot:~/gms_essai/gms$ make clean
Making clean in src
make[1]: entrant dans le répertoire « /home/burlot/gms_essai/gms/src »
test -z "gms.la" || rm -f gms.la
rm -f "./so_locations"
rm -rf .libs _libs
rm -f *.o
rm -f *.lo
make[1]: quittant le répertoire « /home/burlot/gms_essai/gms/src »
Making clean in po
make[1]: entrant dans le répertoire « /home/burlot/gms_essai/gms/po »
rm -f *.pox gms.pot *.old.po cat-id-tbl.tmp
rm -f .intltool-merge-cache
make[1]: quittant le répertoire « /home/burlot/gms_essai/gms/po »
Making clean in .
make[1]: entrant dans le répertoire « /home/burlot/gms_essai/gms »
rm -rf .libs _libs
rm -f *.lo
make[1]: quittant le répertoire « /home/burlot/gms_essai/gms »
burlot:~/gms_essai/gms$ make
```

4 Installing

For installing, type : sudo make install

```
burlot:~/working/prj-gms$ sudo make install
[sudo] password for burlot:
Making install in src
make[1]: entrant dans le répertoire « /home/burlot/working/prj-gms/src »
make[2]: entrant dans le répertoire « /home/burlot/working/prj-gms/src »
test -z "/usr/local/lib/geany" || mkdir -p -- "/usr/local/lib/geany"
 /bin/bash ../libtool --silent --mode=install /usr/bin/install -c  'gms.la' '/us
r/local/lib/geany/gms.la'
make[2]: Rien à faire pour « install-data-am ».
make[2]: quittant le répertoire « /home/burlot/working/prj-gms/src »
make[1]: quittant le répertoire « /home/burlot/working/prj-gms/src »
make[1]: entrant dans le répertoire « /home/burlot/working/prj-gms »
make[2]: entrant dans le répertoire « /home/burlot/working/prj-gms »
make[2]: Rien à faire pour « install-exec-am ».
make[2]: Rien à faire pour « install-data-am ».
make[2]: quittant le répertoire « /home/burlot/working/prj-gms »
make[1]: quittant le répertoire « /home/burlot/working/prj-gms »
burlot:~/working/prj-gms$
```

For installing locally the geany plugin, copy “gms.la” and “gms.so” in the directory ${HOME}/.geany/plugin.

5 Uninstalling

For uninstalling, type the following command:

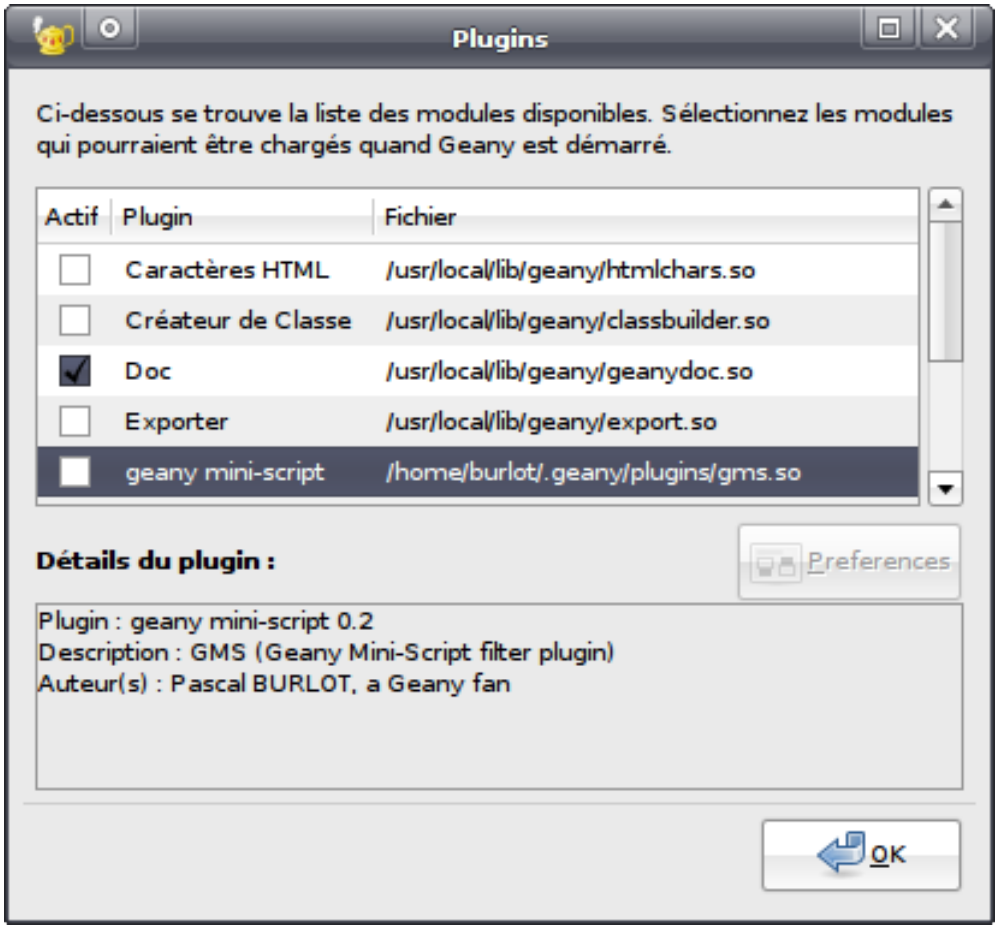
```
burlot:~/working/prj-gms$ sudo make uninstall
[sudo] password for burlot:
Making uninstall in src
make[1]: entrant dans le répertoire « /home/burlot/working/prj-gms/src »
+ list=gms.la
+ for p in '$list'
++ echo gms.la
++ sed -e 's|^.*/||'
+ p=gms.la
+ echo ' /bin/bash ../libtool --silent --mode=uninstall rm -f '\''/usr/local/lib
/geany/gms.la'\'''
 /bin/bash ../libtool --silent --mode=uninstall rm -f '/usr/local/lib/geany/gms.
la'
+ /bin/bash ../libtool --silent --mode=uninstall rm -f /usr/local/lib/geany/gms.
la
make[1]: quittant le répertoire « /home/burlot/working/prj-gms/src »
make[1]: entrant dans le répertoire « /home/burlot/working/prj-gms »
make[1]: Rien à faire pour « uninstall-am ».
make[1]: quittant le répertoire « /home/burlot/working/prj-gms »
burlot:~/working/prj-gms$
```

There is no ”make uninstall” target, so if you want to remove the plugin, just delete the ”gms.la” anf ”gms.so” from geany plugins directory (usually: /usr/lib/geany or /usr/lib/local/geany or ${HOME}/.geany/plugin).

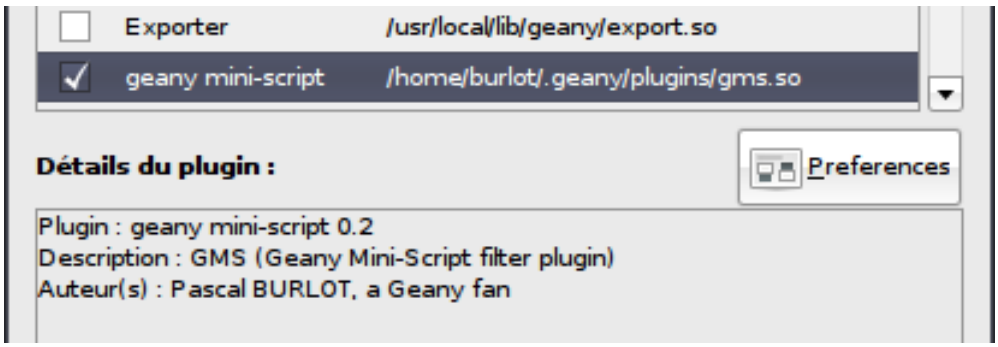
6 Usage

6.1 Loading GMS plugin

After compiling and/or installing GMS, start Geany and go to menu Tools->Plugin Manager



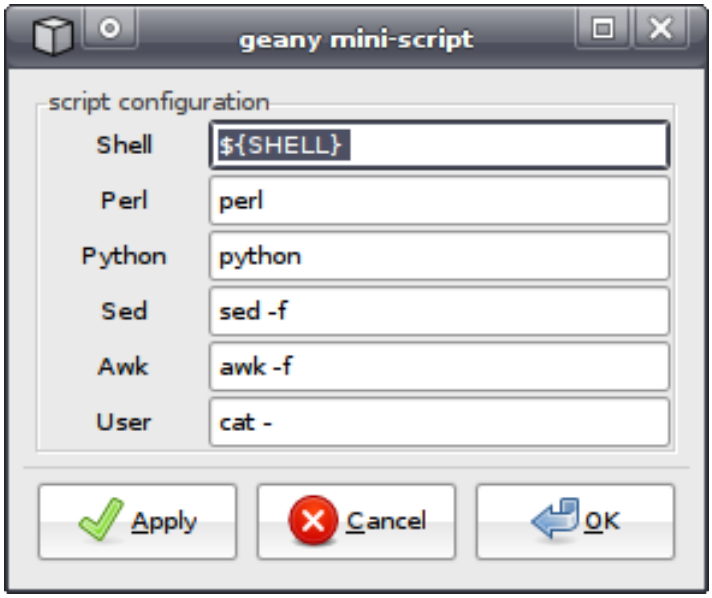
and set checkbox at GMS plugin.



6.2 Configuring GMS plugin

If you click on the preferences button, you can configure the following options:

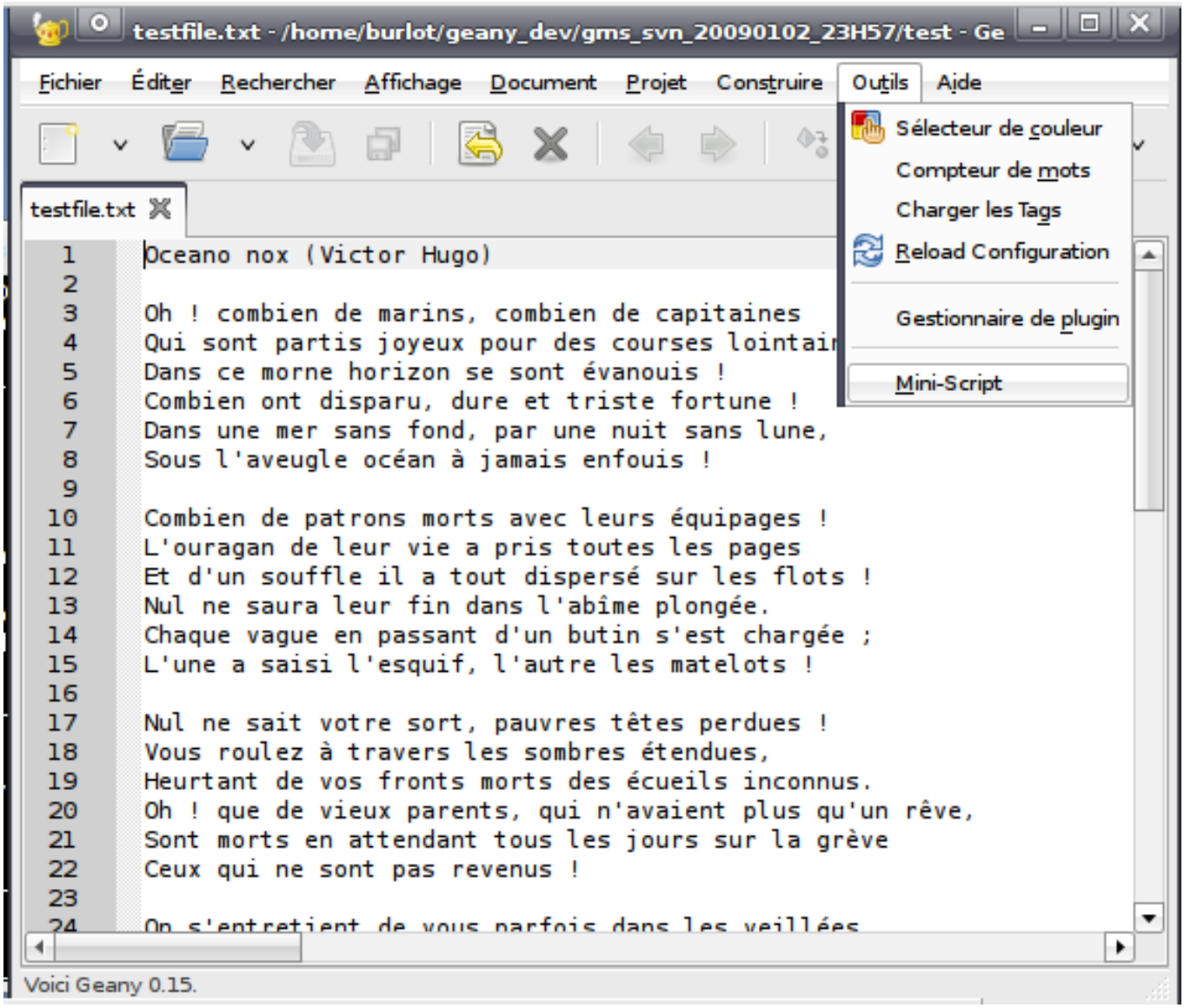
- Shell path,
- Perl path,
- Python path,
- sed path,
- Awk path,
- User script .



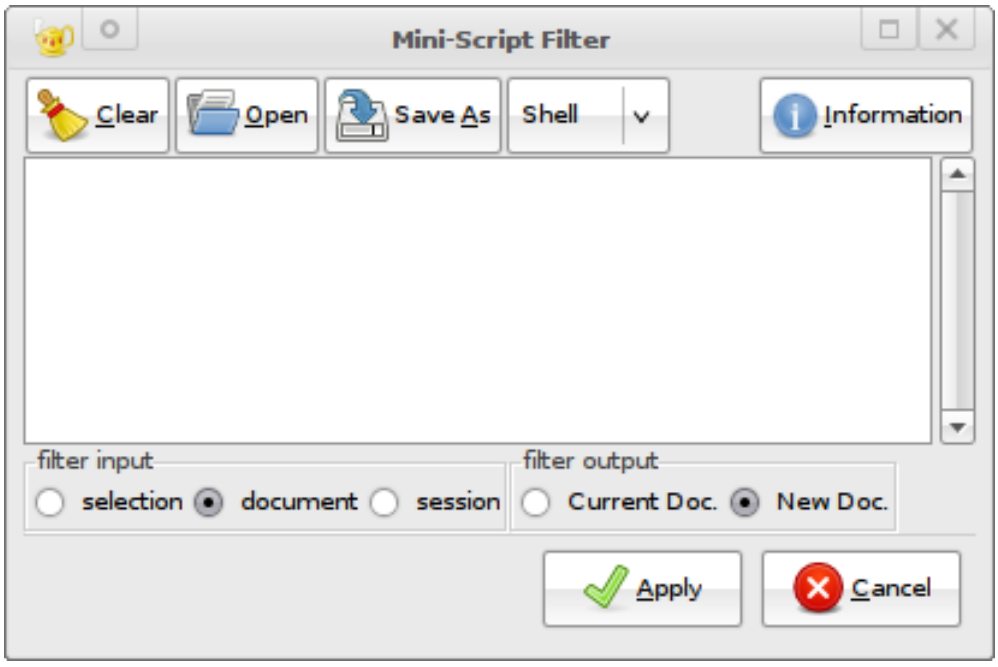
For example, I replace “${SHELL}” by “bash” in the Shell entry.

6.3 Using GMS plugin

After configuring, go to menu Tools->Plugin Manager and click to ”Mini-script”.



Geany opens a GMS dialog box:



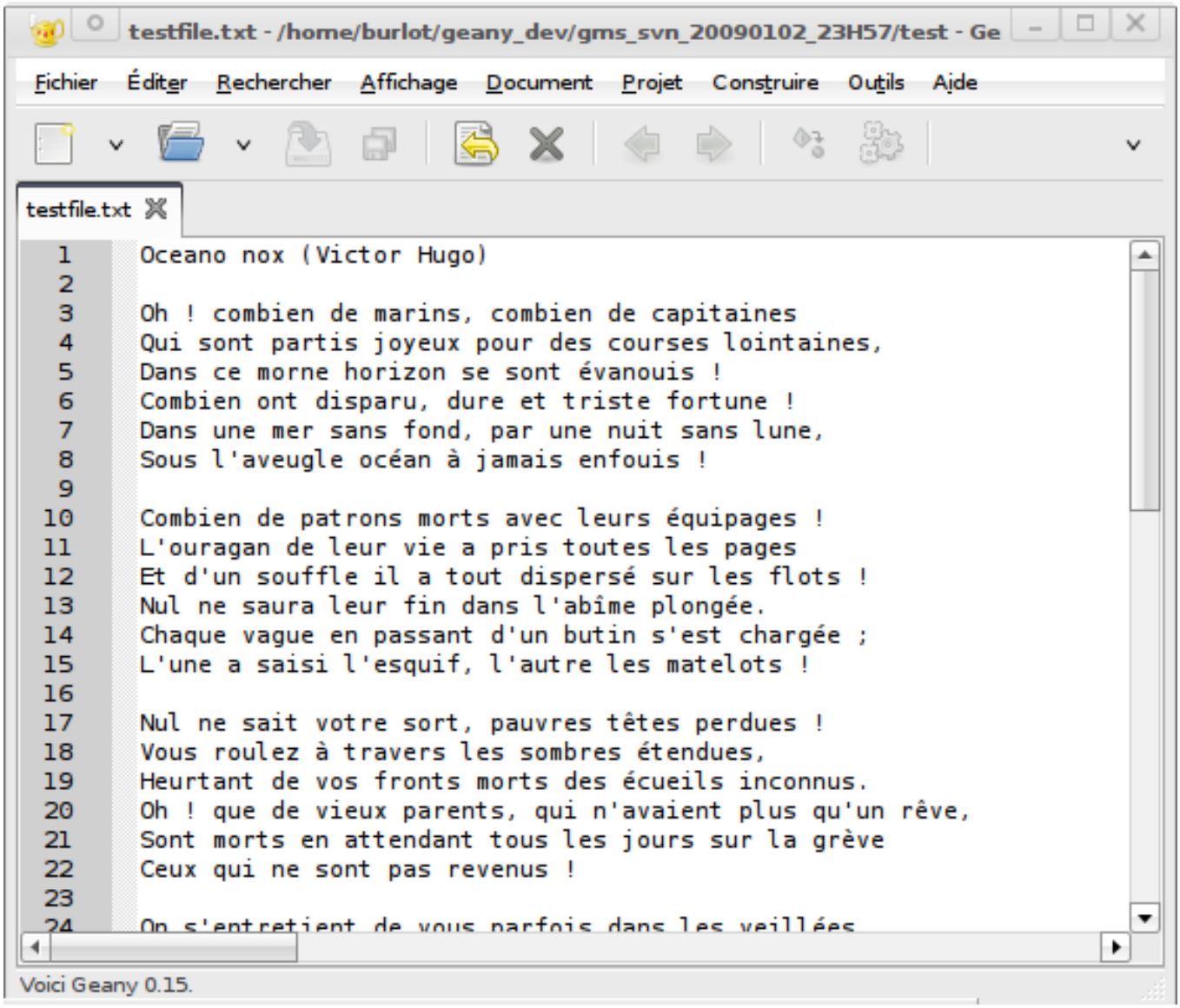
It is composed of 4 areas :

- a buttons bar (top) with the following buttons :

  - a first button which clears the text area.
  - a second button which loads a script file
  - a third button which saves the script text in a file
  - a combobox which selects the script type
  - a last button which opens a information dialog box.
- a text area in which the script is written.
- 2 radio-button bars :
  - the first radio buttons which select the filter input:
    * the current text selection
    * the current document
    * all the documents in the current session
  - the second radio buttons which select the filter output :
    * the current document
    * a new document
- a bottom area with 2 buttons:
  - "Apply" runs the script
  - "Cancel" aborts the script.

6.4 GMS by the example

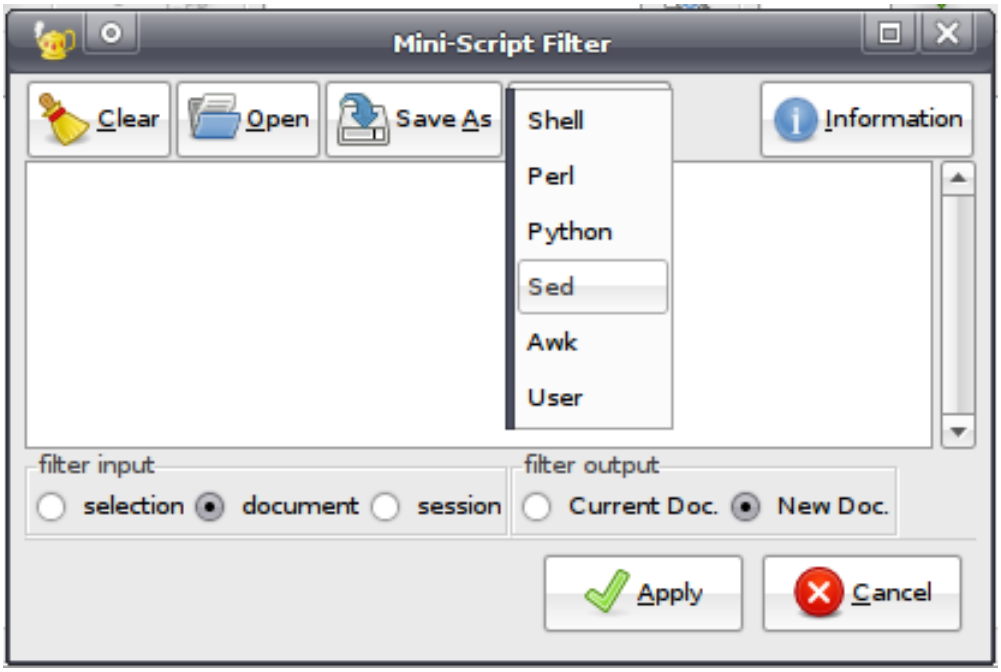
For all examples, I apply GMS filter on a following text of Vitor HUGO :



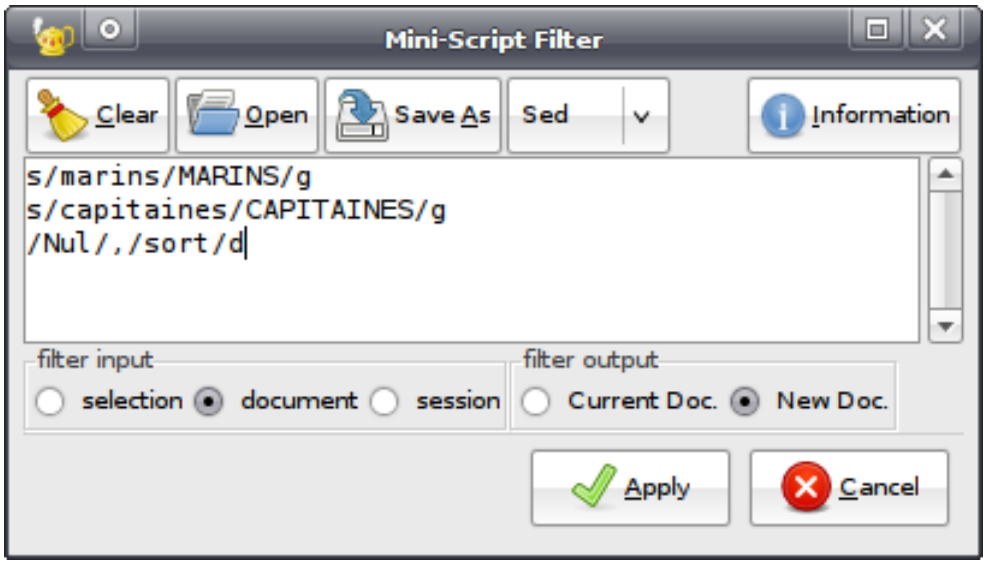
Note: You can find the text file and the script examples in the follwing directory : <<gms project>>/test

6.4.1 SED example N°1

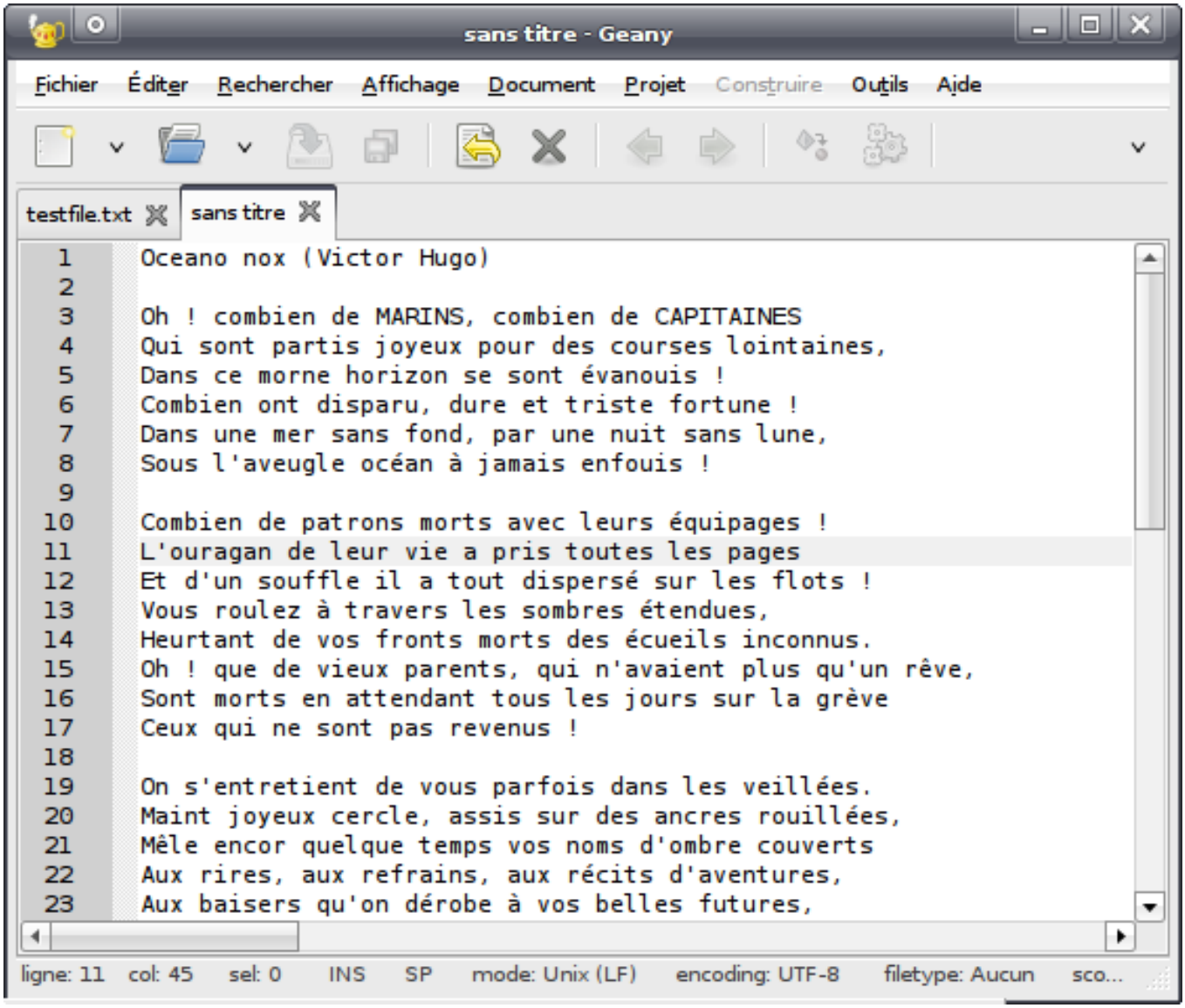
In the combobox, select “Sed”:



And type the following sed commands

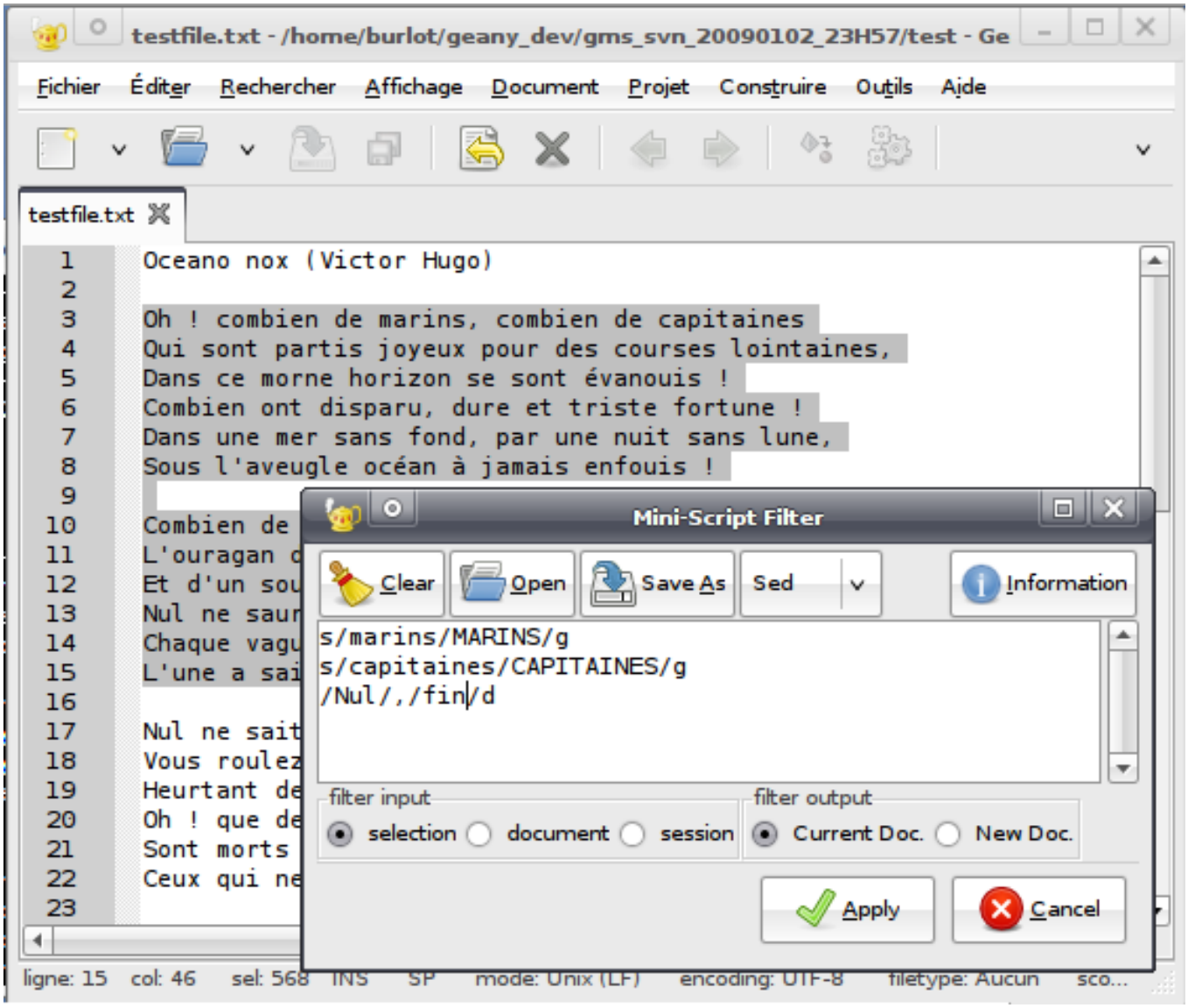


The filter input will use all the document and the filter ouput will be displayed in a new document. Now, click on "Apply". The result is following :

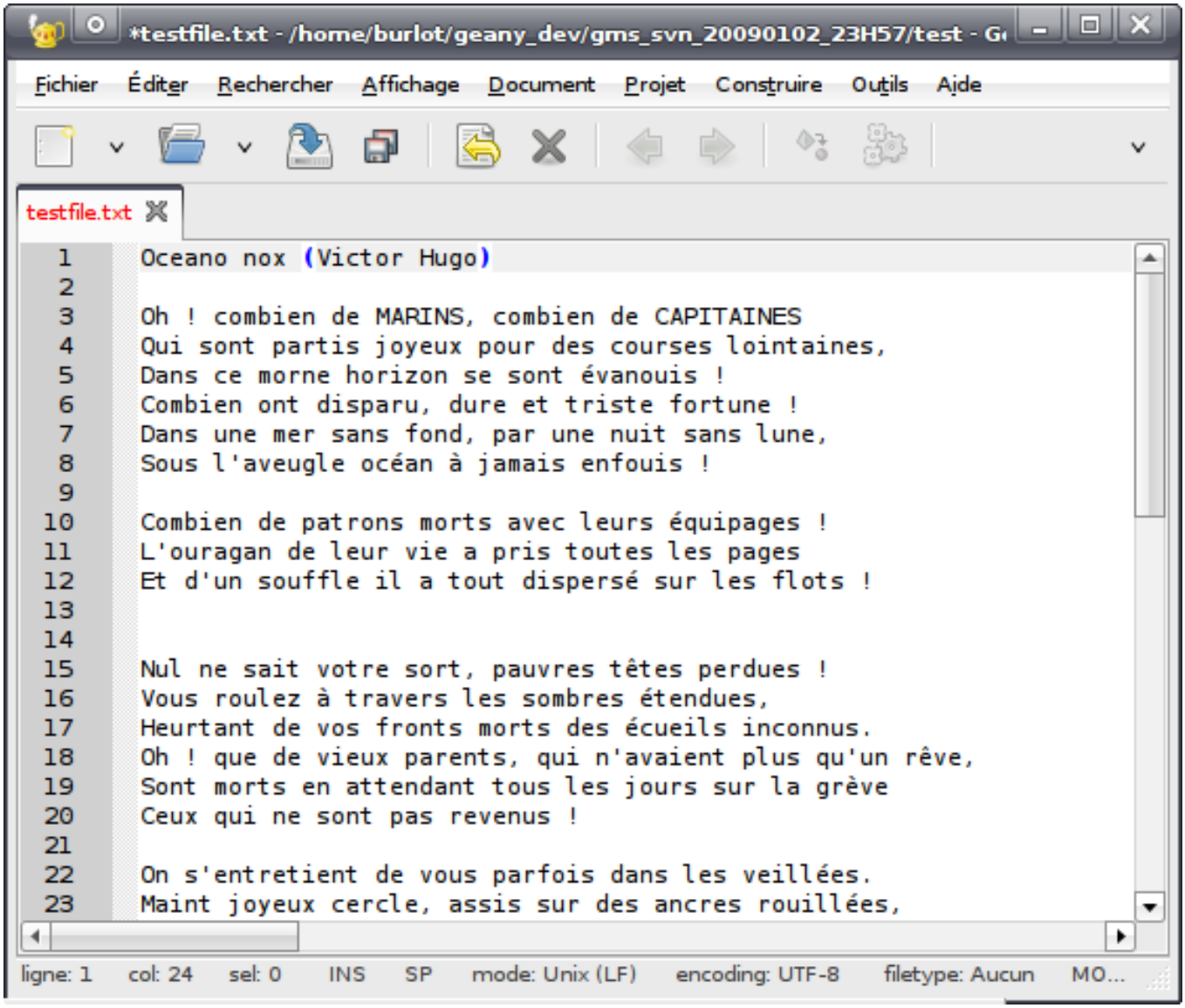


6.4.2 SED example N°2

In this example, a text area has been selected before to call the GMS plugin.

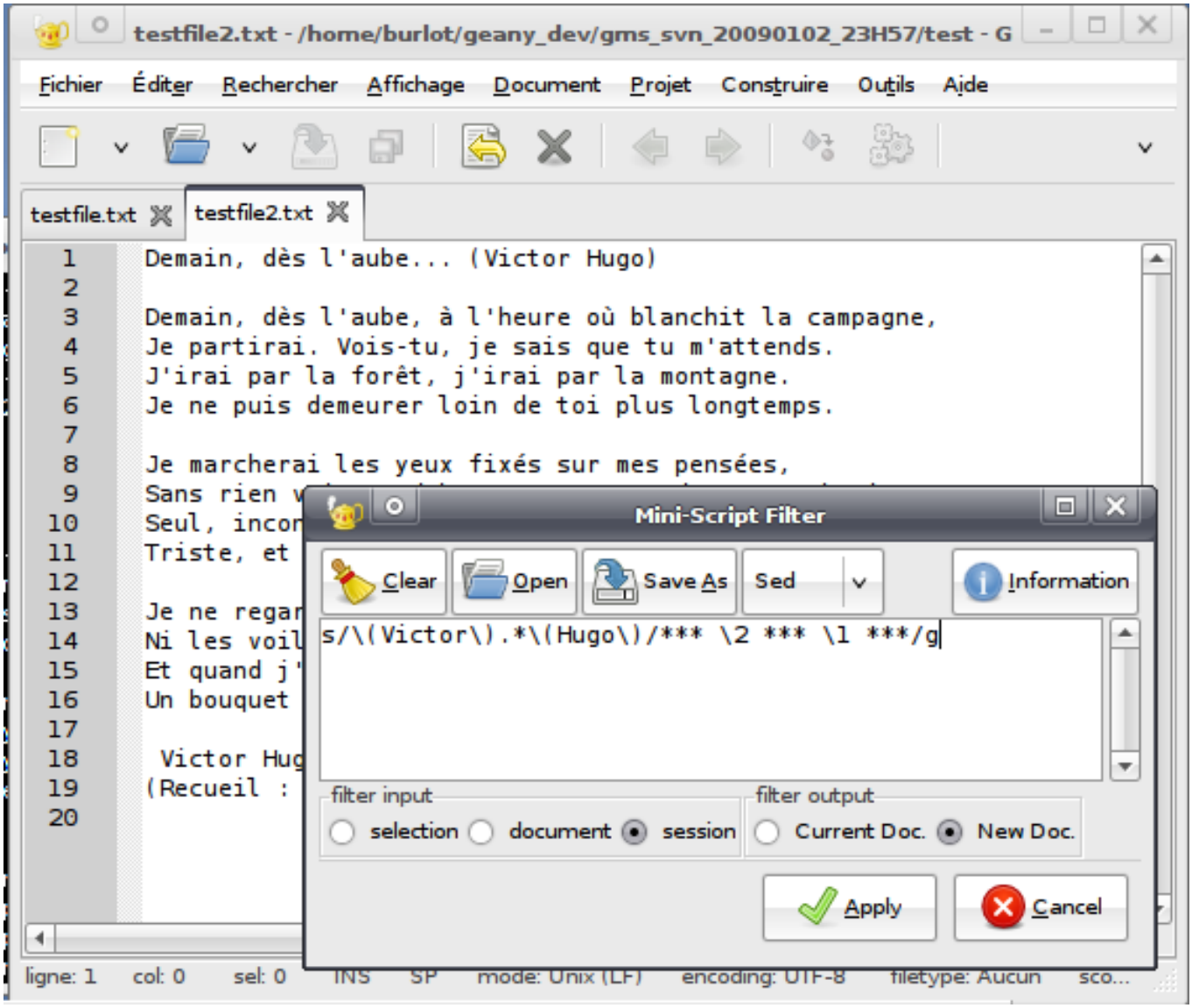


The filter input will use only the text selection and the filter ouput will replace the selection of current document. Now, click on “Apply”. The result is following :



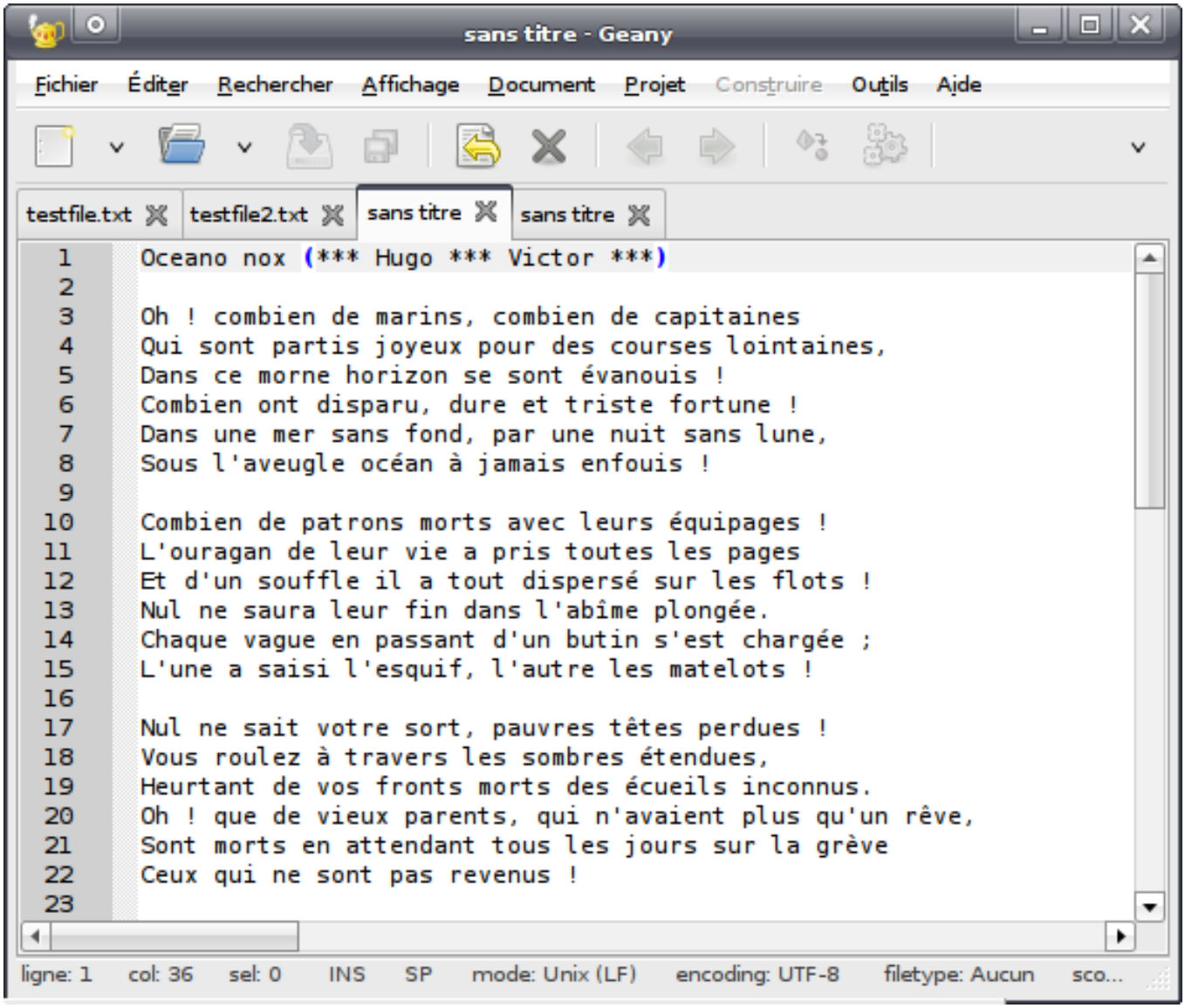
6.4.3 SED example N°3

In this example, two files are opened in the geany editor :

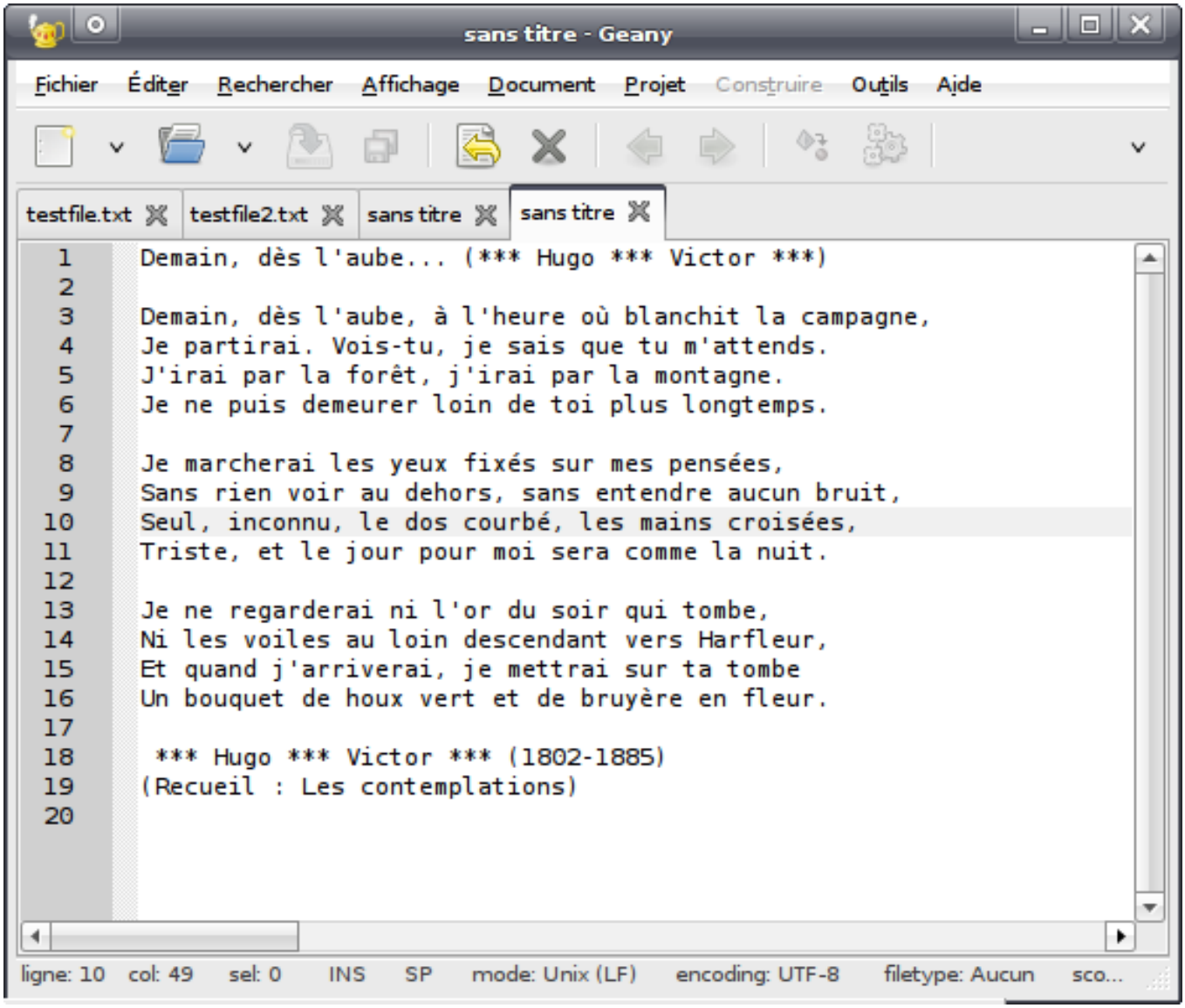


The filter input will use all the opened documents of the session and the filter ouput will open new documents for each opened document. Now, click on “Apply”. The result is following :

- The first new document is attached to a file “testfile.txt”

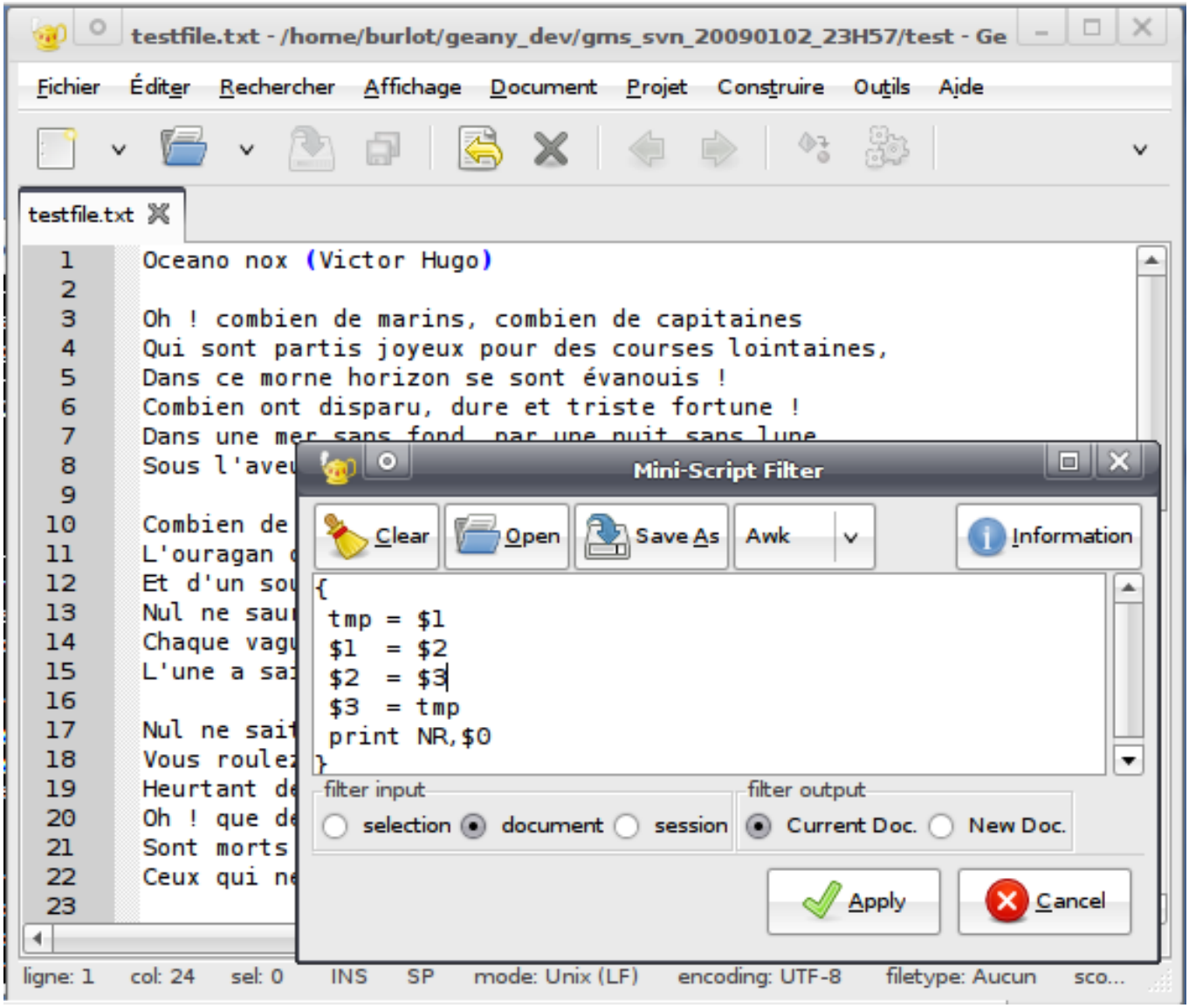


- The second new document is attached to a file “testfile2.txt”

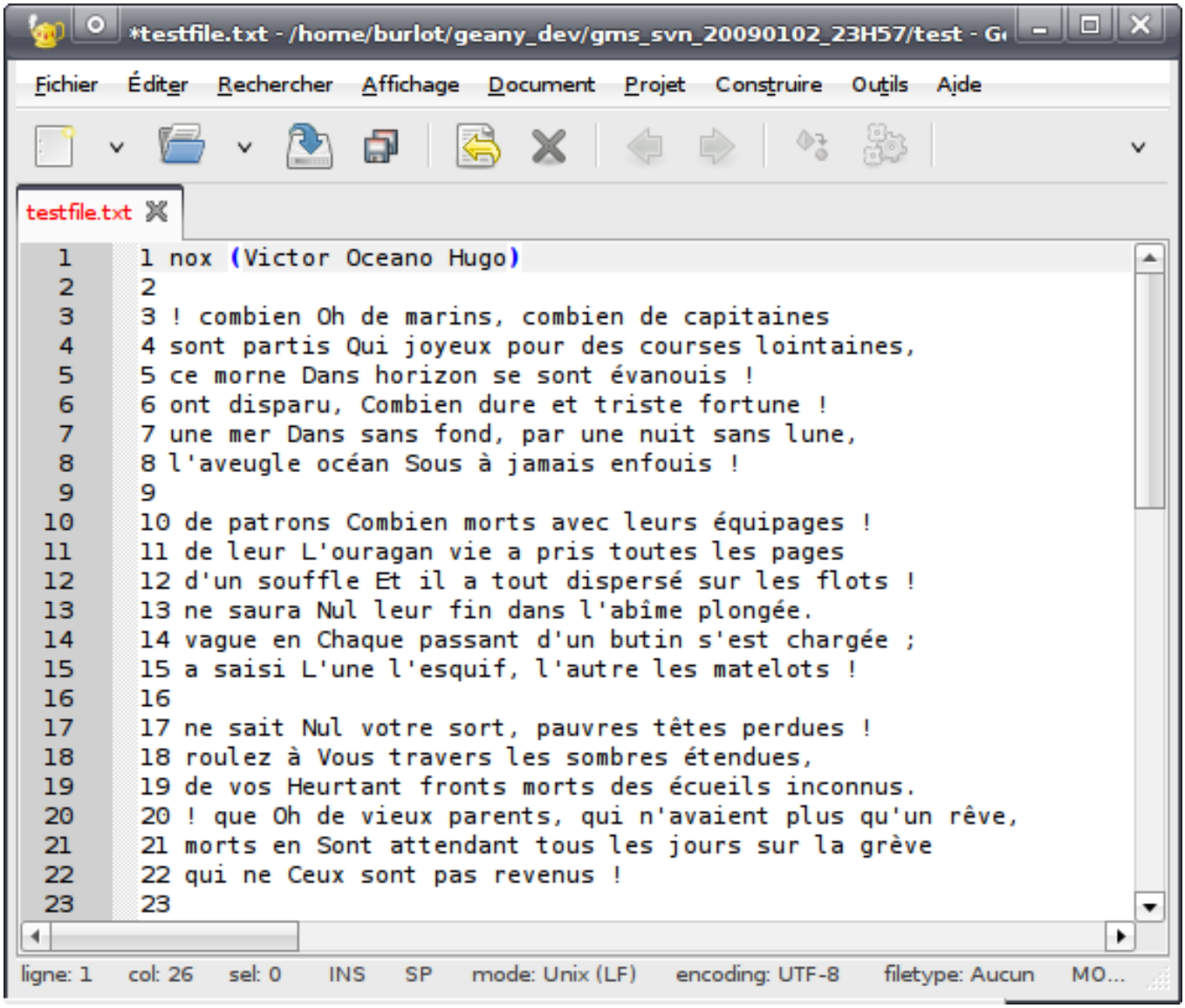


6.4.4 Awk example

In the combobox, select “Awk”:

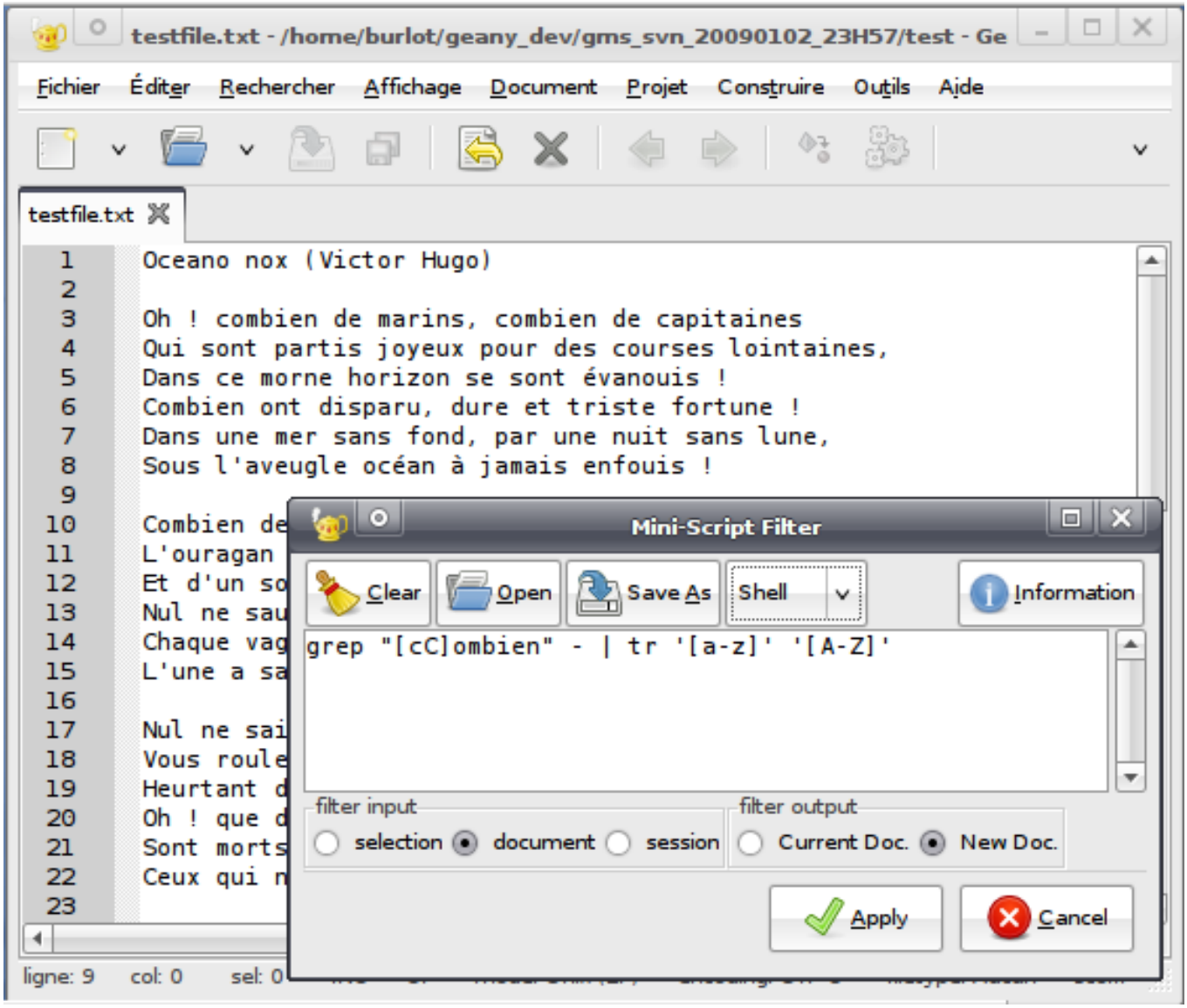


The filter input will use all the current document and the filter ouput will replace all the current document. Now, click on “Apply”. The result is following :

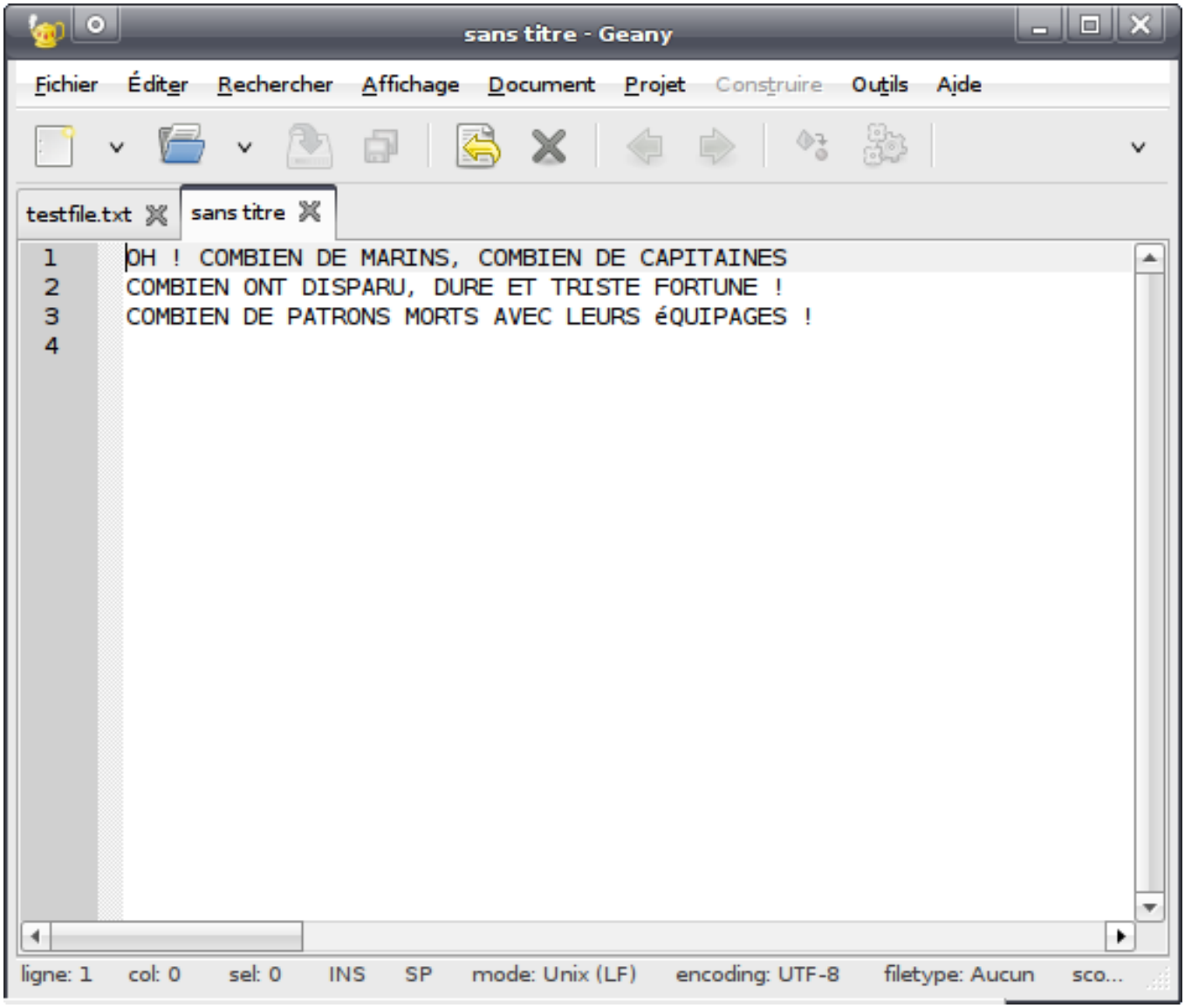


6.4.5 Shell example

In the combobox, select “Shell”:

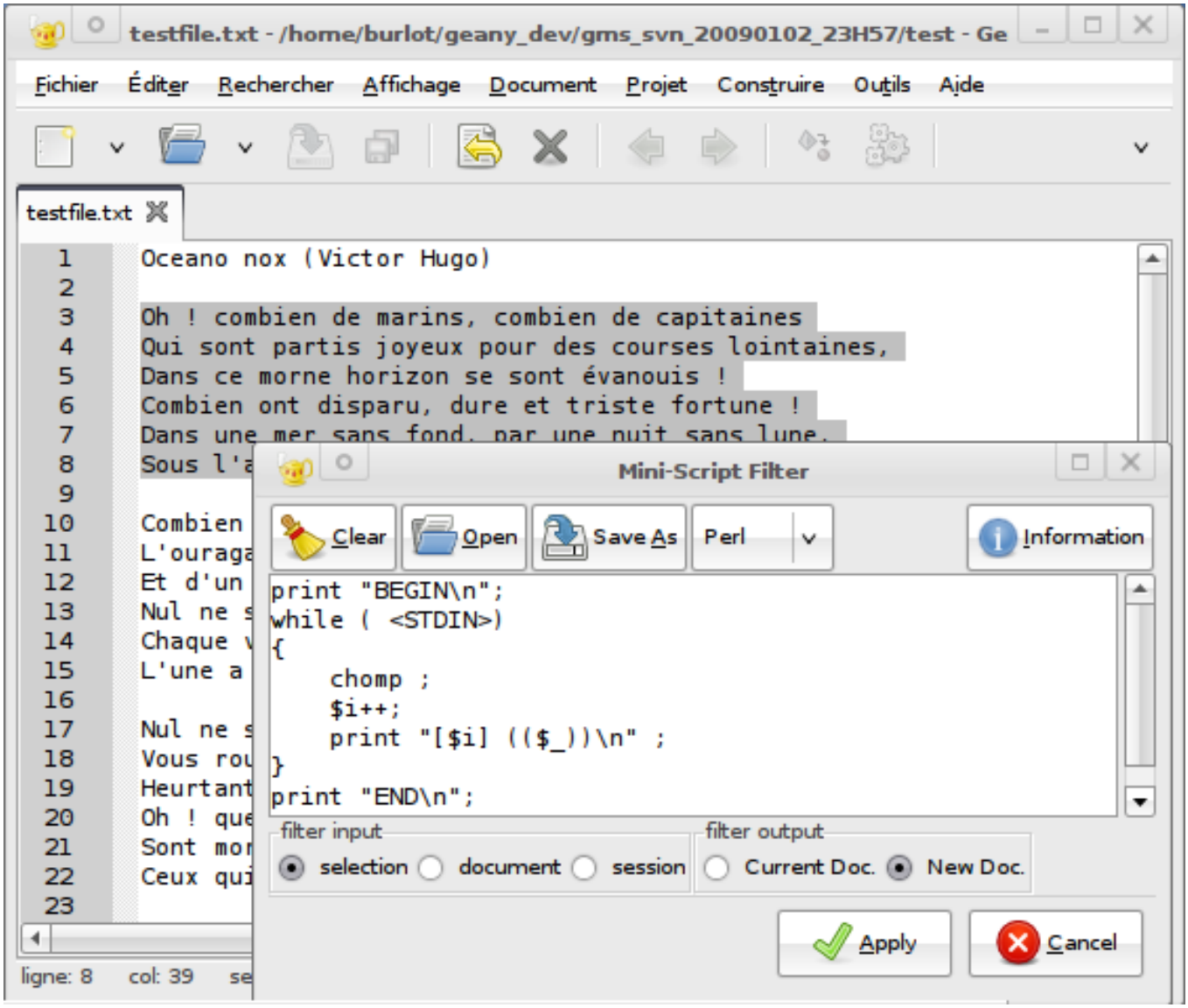


The filter input will use all the current document and the filter ouput will be displayed in a new document. Now, click on “Apply”. The result is following :

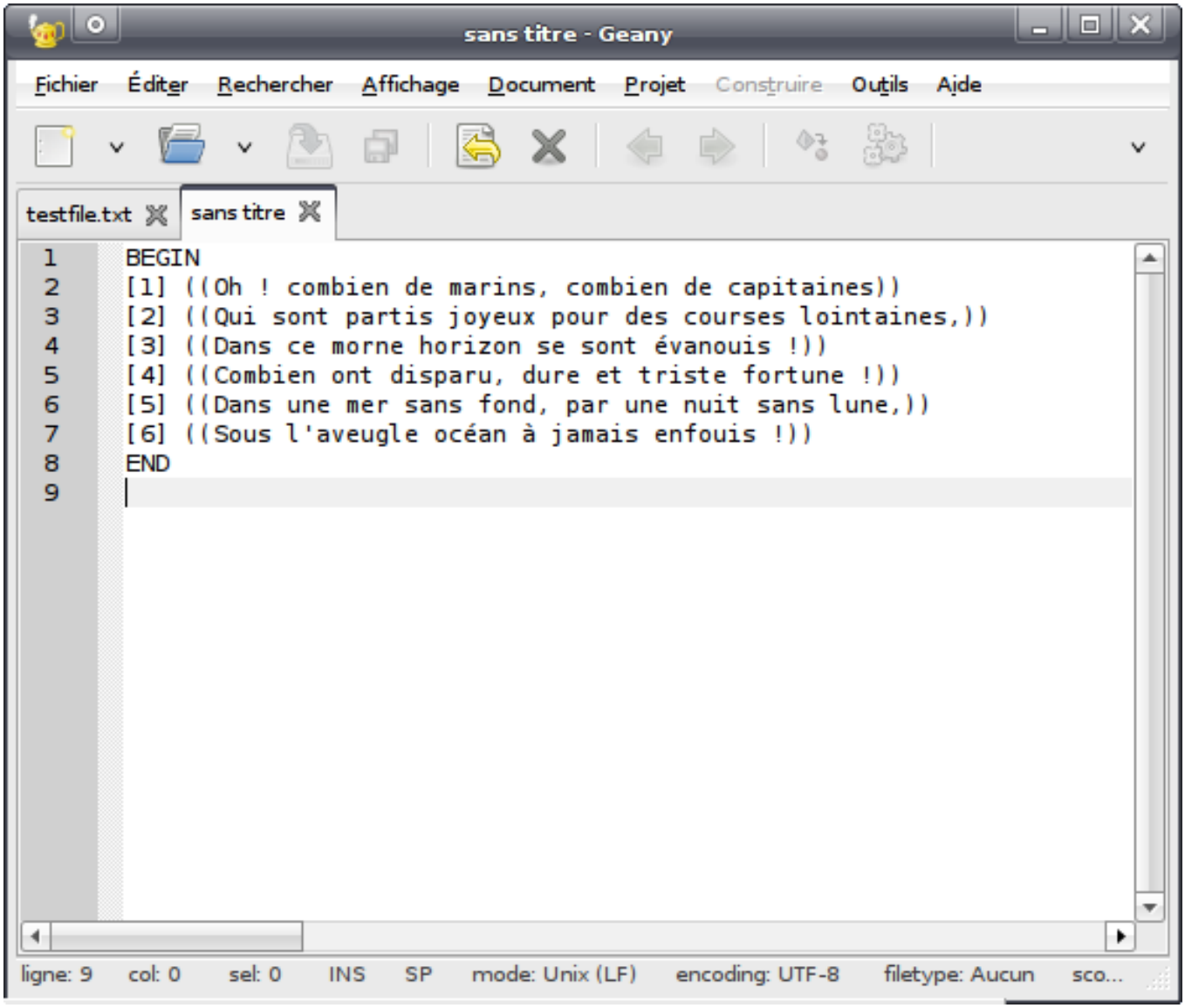


6.4.6 Perl example

In the combobox, select "Perl":

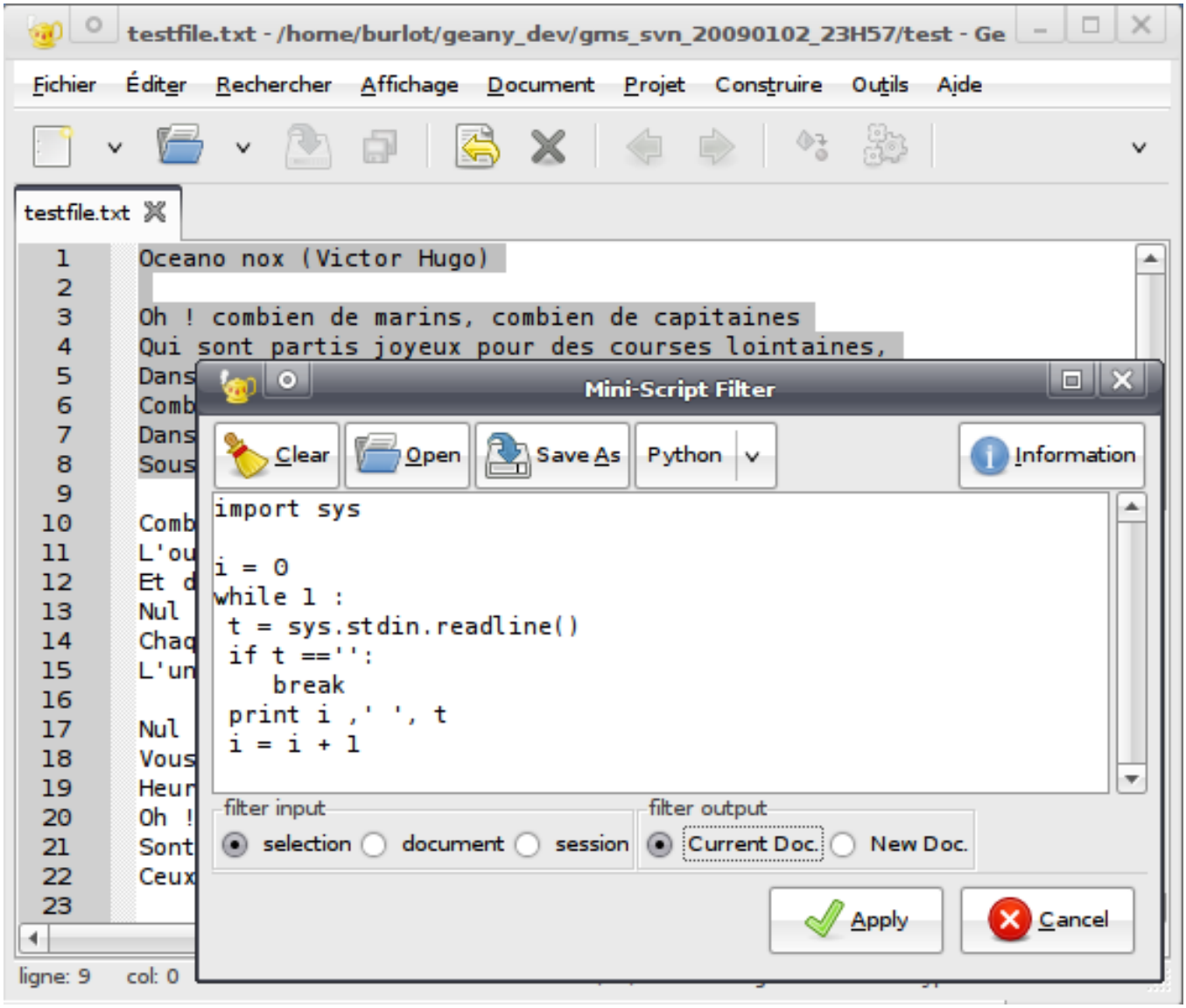


The filter input will use only the text selection and the filter ouput will be displayed in a new document. Now, click on “Apply”. The result is following :

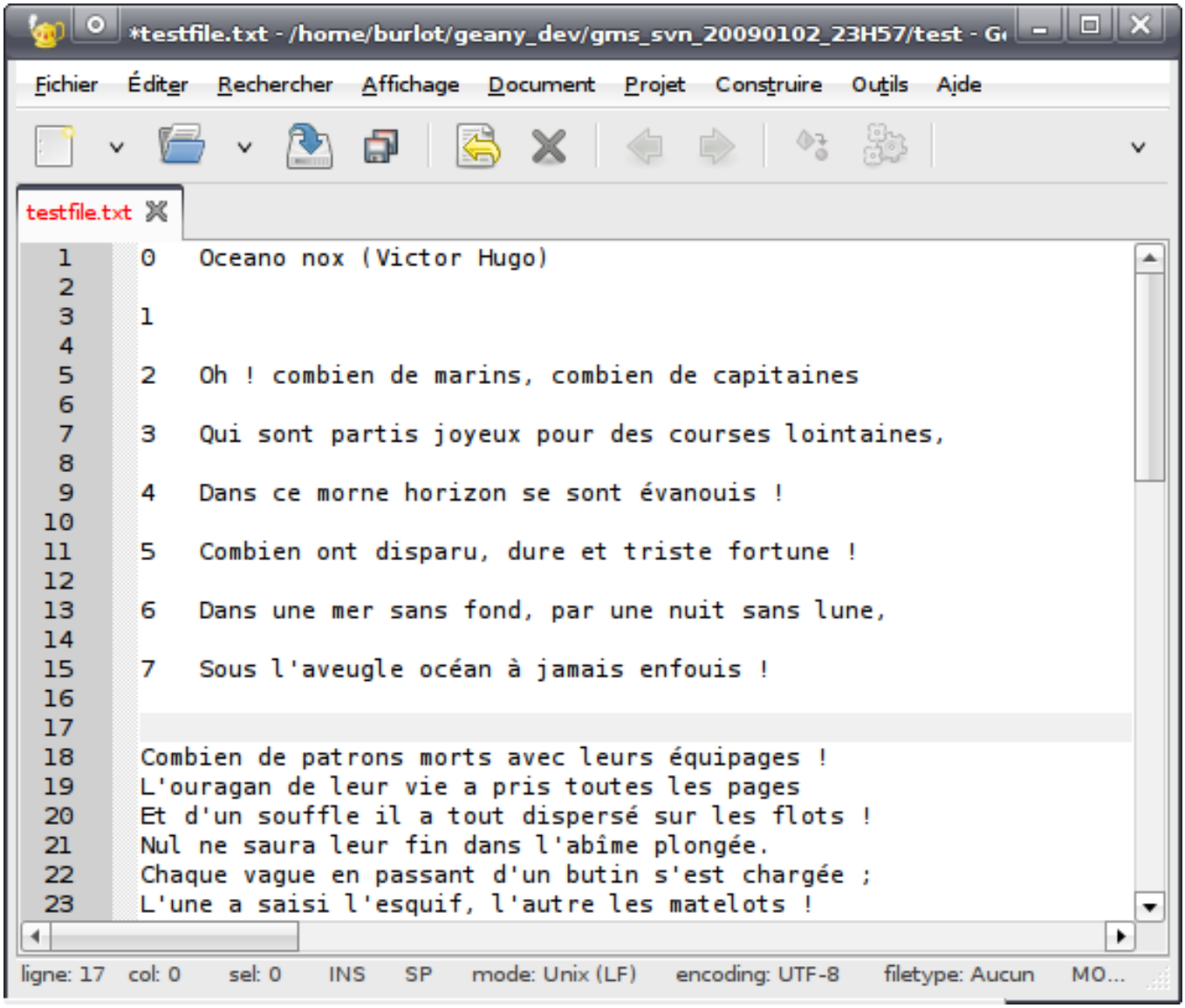


6.4.7 Python example

In the combobox, select “Python”:



The filter input will use only the text selection and the filter ouput will replace the selection of current document. Now, click on “Apply”. The result is following :



7 License

GMS is distributed under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version. A copy of this license can be found in the file COPYING included with the source code of this program.

8 Ideas, questions, patches and bug reports

If you add something, or fix a bug, please send a patch (in 'diff -u' format) to the author.

9 Coding

Use static functions where possible. Try to use GLib types and functions - e.g. g_free instead of free and try to use only GLib 2.6 and GTK 2.6 functions. At least for the moment, we want to keep the minimum requirement for GTK at 2.6.

10 Download

The current version is 0.2 , download it here http://