

System Security Services Daemon



Milan Cejnar
cejnamil@fel.cvut.cz

Project description

- Service (daemon) of Linux operating system
 - Fedora, RHEL, Debian, Ubuntu, Gentoo
- Identification and authentication when working network resources or user accounts
- Local user account management
- Offline authentication

Assignment description

- Bug fix
 - BAD_POPT_PARAMS macro prints out error messages generated by popStrerror() function without new line.

Bug details

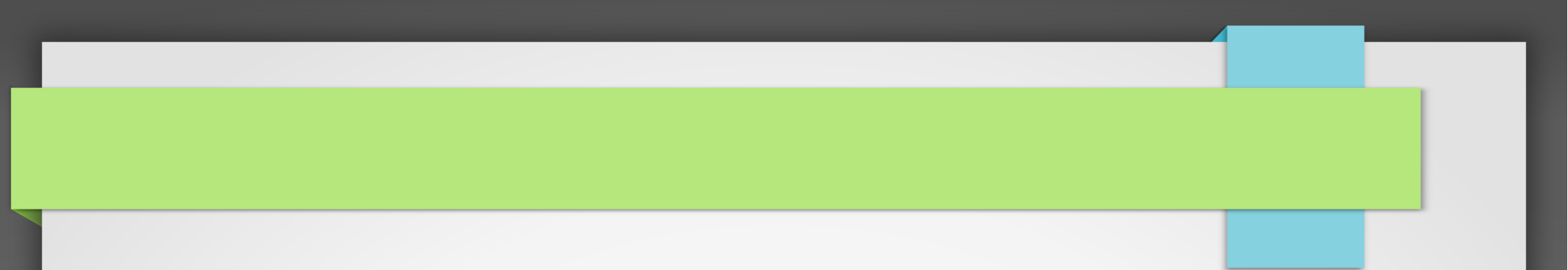
- The macro is called from various program modules.
- Error messages passed to the macro are defined in different files or generated automatically by Popt library.
- The macro passes error messages further to printing function which also appends usage information and then prints out complete message to the console.
- Different styles of error messages sometimes cause weird behaviour resulting in missing new line.

Bug fix

- New line correction is made right before printing the message to the console.
 - The function tests the error message for a new line character at the end of the string.
 - The function corrects the string accordingly based on the test result.

Experience with the community

- The community is very active.
 - Very fast responses using both mailing list and IRC
- Developers participating in the project seem to be highly specialized and well motivated.
- The project itself seems somewhat inaccessible for a newcomer, but current developers try to be helpful and are willing to cooperate.
- The project documentation is insufficient and it often contains only pieces of implementation details and unorganized notes.
- Some kind of modules overview and/or introductory texts seem to be missing altogether, Information for new developers are very brief



Thank you for your attention