

Graphical user interface framework for Statistical Seismology Library (SSLIB)

Jiancang Zhuang

Institute of Statistical Mathematics, 4-6-7 Minami Azabu, Minato-Ku, Tokyo
Zip: 106-8569, Fax: 81-3-5421 8796, Tel: 81-3-5421 8783 81-3-5421 8785
zhuangjc@ism.ac.jp

A general graphical user interface (GUI) framework is considered for SSLIB and is also possibly useful for other similar scientific packages.

Using this framework, one can easily build his own library with putting GUIs on each of his command line interface (CLI) programmes, including input interface, output display and on line help. This framework release the programmers from designing interfaces for each programme, and help them to concentrate on solving the scientific computation problems. Another important feature of this framework is that there is no specially requirement for the programmer in coding the programmes, i.e., each programmer can use his favorite languages and packages to implement the computation.