

NeXT Public Domain CD-ROM For Education Submission for SuperDebugger 2.9

a. Software Developer:

Bing-Qing Chen

Software Publisher:

Impact Software Publishing, Inc.
156 East 33rd St., NY, NY 10016
impact@impact.com
1-800-822-3385
TEL: 1-686-3512
FAX: 1-686-0727

b. Software Category:

Utilities / Services

c. Software Description:

SuperDebugger provides an intuitive Graphical User Interface to the GNU debugger gdb provided by NeXT. SuperDebugger features graphical display of program counter and breakpoints, point and click setting of breakpoints and displaying of variables, an editor that can be used to display or modify source files, user definable macros, monitoring of variables in a separate window, and savable debugging environments. SuperDebugger also provides a complete set of keybindings to allow a user to easily control program execution and examine data.

Features and Benefits

Feature: Graphical display of program counter and breakpoints

Benefit: Gives a visual indication of the program execution status

Feature: Point and click setting of breakpoints and displaying of data

Benefit: Makes it easy for a user to manage breakpoints and examine data

Feature: User definable macros

Benefit: Gives user the flexibility to define their own functions

e. Software Developed under NeXTSTEP 3.0.

Updates from Version 2.3 to Version 2.9

- 1. Rich Text can be displayed in the Source Text.**
- 2. Double clicking on compilation errors will select the line of the source file that caused the error.**
- 3. Emacs control editing keys can be used in the input panel.**
- 4. A Mouse Activate option is added to allow SuperDebugger be activated by placing mouse in one of its windows.**
- 5. Works with both NeXTStep 2.1 and 3.0.**
- 6. Compile command can be set using a new preference feature.**