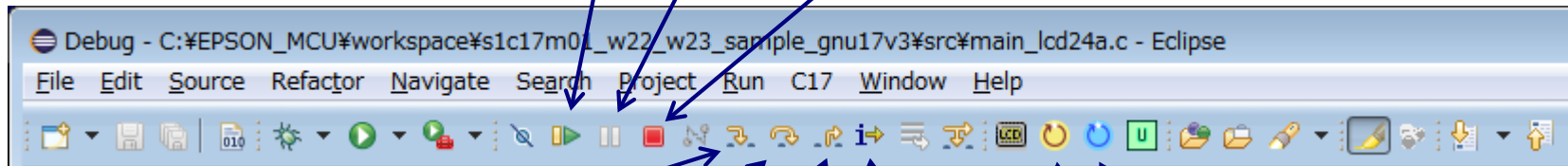


# GDB Debugger Quick Reference

[Resume]  
Resumes the program.

[Suspend]  
Suspends the program.  
In debug mode, MCU's internal information can be shown and edit.

[Terminate]  
Stops the debugger and ends debugging.



[Step Into]  
Executes 1 instruction.

[Step Over]  
Executes 1 instruction.  
Sub function is dealt 1 instruction.

[Step Return]  
Executes the program until it exits  
from present function.

[Instruction Stepping Mode]

[Step Into]/[Step Over] are step-run for individual assembler commands when depressed.

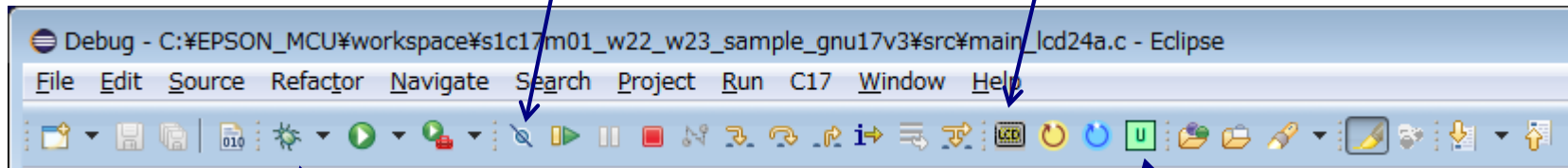
[Reset Target]  
Resets whole target board by  
hardware signal.

[Reset]  
Goes to top of program, and  
initializes the registers of CPU.

# GDB Debugger Quick Reference

[Skip All Breakpoints]  
Skips set all break points.

[Launch LCDUtility]  
Opens LCDUtil17 window.



[Debug]  
Starts debugger.

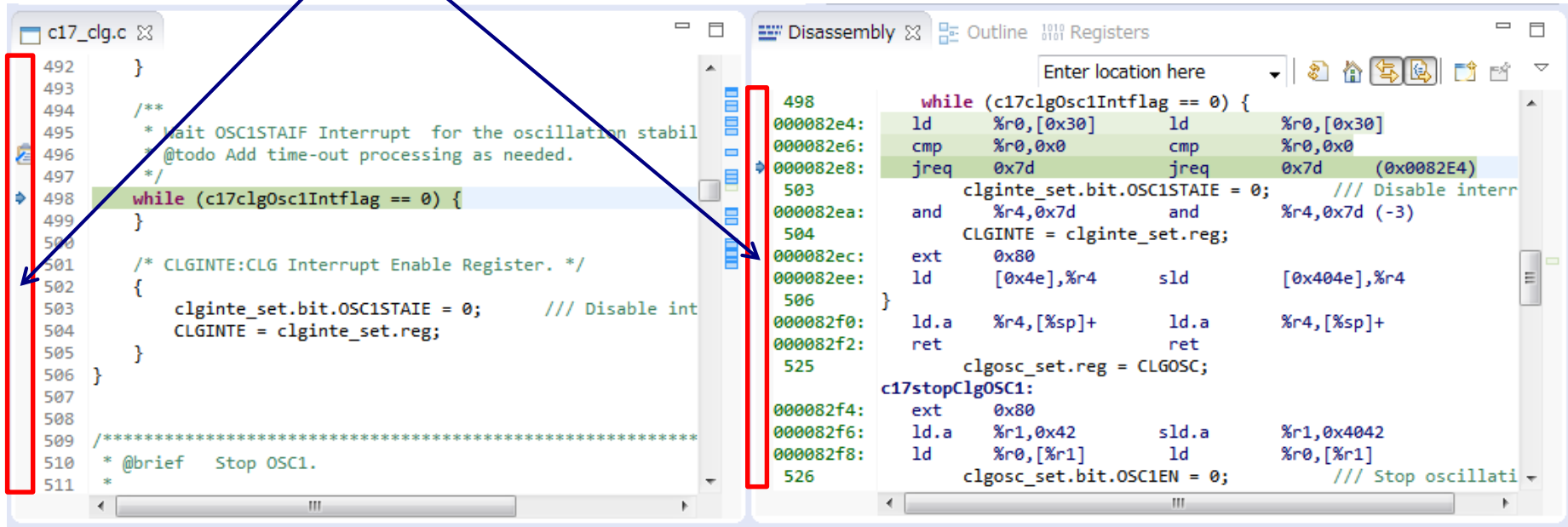
After pushing ■ [Terminate] icon, if modifies program and pushed this icon, below sequence is executed.

“builds” → “loads program” → “starts debugger”

[User Command]  
Executes user defined debug commands which defined in “userdefine.gdb” file.

# GDB Debugger Quick Reference

If sets a Breakpoint, please double click this area.



\* If you sets breakpoint on FLASH ROM in ICD mode, you need to use the hardware breakpoints. But it has the limitation of maximum setting numbers which depend on hardware of target MCU. If you have errors of overflow limitation, please release unused hardware breakpoints.