

## Section 8: Debugging Commands

TRACE

UNTRACE

Turns the trace feature on or off. When on, the number and contents of each executed line and the value of each modified variable is printed on the console.

TRAP

UNTRAP

Turns the error trap on or off. When on, XYBASIC returns to direct mode after errors. When off, XYBASIC tries to recover and continue execution after errors.

BREAK [line number], [formula]; [variable1], [variable2]... ; \$

Sets a breakpoint on the given line number, so a break message is printed whenever the line is executed. If the optional formula is present, the break occurs only after the line has been executed formula times. If any variables are listed, their names and values are also printed when the break occurs. XYBASIC then returns to direct mode if the optional \$ is present.

Examples: BREAK 100; \$  
BREAK 10, 20; A, B; \$

BREAK [variable1], [variable2]...

Sets breakpoints on the given variables, so whenever they are modified the variable name and value are printed.

Example: BREAK A, B, C

UNBREAK [line number]

UNBREAK [variable1], [variable2]...

Removes breakpoints set on line numbers or variables, and removes all breakpoints if the optional line number is omitted.

Examples: UNBREAK 100  
UNBREAK I, J, K

## Section 9: ROMSquared Commands

EXEC [formula]

If optional formula is given, XYBASIC addresses the program at specified location rather than the program in working space. If the formula is omitted, addresses the program in working space.

Example: EXEC #8000

MOVE FROM [formula]

MOVE TO [formula]

MOVE FROM copies the program from the specified location to XYBASIC's working space. MOVE TO copies the program from working space to the specified location. MOVE does not change the location of the program XYBASIC is addressing. An R0 error occurs if the specified location does not contain a legal XYBASIC program (MOVE FROM), or if the location is not RAM (MOVE TO).

Example: MOVE TO #A000