JavaScript Debugging

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Above is my program processing the input line “1 2 +” in the debugger. We can see in the debug window that the line is “1 2 +”, which has been conerted to array = [“1”,”2”,”+”], with arrayLength being 3. We also see the stack variable being updated in the closure section where it says stack = [1], indicating that the 1 has been pushed onto the stack already, and we also see i = 1 in the local section, which indicates that the program has iterated through one element of the input line and processed it. This is why the 1 is already on the stack.

The JavaScript debugger is very useful, it has a simple layout that made navigating it very easy. In addition it had a window for Scope which could tell you the local and global variables, as weill as the closures in the program scope at the breakpoint. It had a very clear call-stack window as well.