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Subject: Lisp on the 800XL.  
Posted by [pjd](#) on Wed, 05 Mar 1986 15:49:49 GMT  
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To date, the closest thing to LISP on the 800XL is the LCSI Logo which is available as a cartridge from almost any dealer, discount store or mail order house. The documentation is simply superb.

To use Logo like LISP, you need to keep in mind a LISP to Logo mapping. For example, CAR -> FIRST, CDR -> BUTFIRST, EVAL -> RUN, COND -> IF [], and so on. Some things don't work EXACTLY like LISP, but most things work better. The syntax is much more forgiving and looks like a normal procedural programming language.

For a while last year, I would develop code in Logo at home, upload to the VAX and then hand convert to Franz LISP. This was a pretty viable scheme for relatively short programs or program modules. This experience also gave me a healthy respect (preference?) for Logo.

By the way, the Logo on the 800XL is SUPERIOR to the ST Logo by DRI. Even with all of the ST hype about speed, the DRI implementation is tied into the GEM event handler (clock) which slows interpretation to a crawl -- my 800XL is faster at list whacking! Any flames about posting ST crap, and in this case I do mean crap, to /dev/null :-)

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