

## Re: Lisp in hardware

**Source:** <http://coding.derkeiler.com/Archive/Lisp/comp.lang.lisp/2004-08/0496.html>

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**Date:** 08/09/04

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On 9 Aug 2004 17:00:44 GMT, Alexander Burger <abu@software-lab.de> wrote:

> *please show me a Lisp interpreter faster than Pico Lisp*

If I do this

```
(de fac (n) (if (= n 0) 1 (* n (fac (- n 1)))))
```

in PicoLisp 2.0.13 and then evaluate (fac 5000) it takes about 15 seconds on my laptop.

With CLISP 2.33.2 and

```
(defun fac (n) (if (= n 0) 1 (* n (fac (- n 1)))))
```

(fac 5000) needs less than 0.3 seconds without compiling the function.

Edi.

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```
"Lisp doesn't look any deader than usual to me."  
(David Thornley, reply to a question older than most languages)  
Real email: (replace (subseq "spamtrap@agharta.de" 5) "edi")
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