

# CL-PVM: A Common Lisp Interface to PVM

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## Abstract

CL-PVM is a set of Common Lisp functions that interfaces Common Lisp (KCL, AKCL, or GCL) to the C-based library of PVM. Generally, there is one CL interface function to each PVM C library function. The CL function calls its C-based counter part and relays data to and from the C function. This interface is complete and allows Lisp-based programs to take part in a PVM arrangement and thus facilitates the combination of symbolic, numeric, graphics, and other useful systems in a distributed fashion. The design, implementation, and usage of the CL-to-PVM interface are explained and examples are given.

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