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Creating Development environment and based on it versions of the computer algebra systems AXIOM, REDUCE and MAXIMA

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It is created the minimal development environment for computer algebra systems AXIOM, REDUCE and MAXIMA, which includes compilers from C and FORTRAN, standard libraries libc, libm, ..., utilities lex, yacc, awk, ..., and COMMON LISP interpreter, which is complete and closed.

It is based on sources of libraries and compilers of the middle of 90-th, available in internet and belonging to classical software. Mainly it is from System V Release 4 sources of the UNIX System Laboratories, and COMMON LISP interpreter from Lucid.

This, from one side, allows again to provide numerical computations from symbolic session, dynamically loading needed object files.

From another side, it is possible to works with the same environment in different operating systems.

At present it is worked under Linux.

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