

Perspex Machine X: Software Development

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Compiler implemented in
Lex and Yacc:

Compiles C source to an
Abstract Syntax Tree.

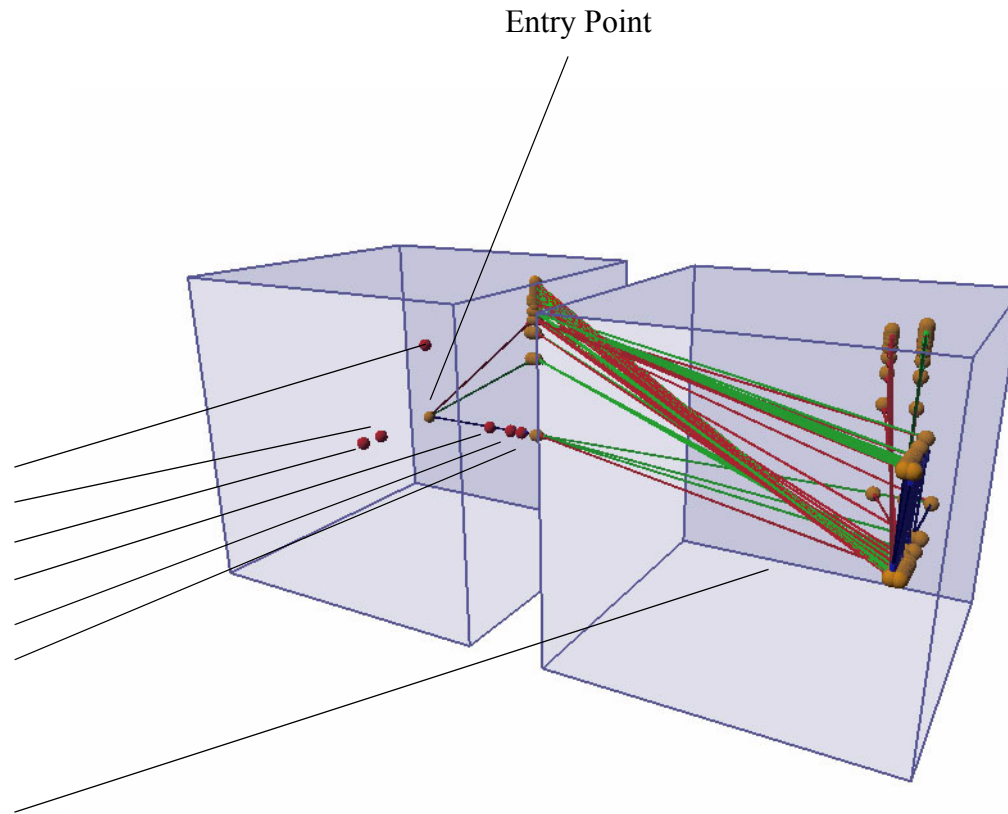
Generates code as perspexes
in a 4D geometrical computer.

Builtin active perspexes:

STDIN
STDOUT
STDERR
Reciprocal
Pseudorandom Number
Stack

Program:

Fibonacci Number Generator



Graphical User Interface
implemented in C⁺⁺:

Display, editing, and execution
of programs.

**Oral Presentation of Perspex Machine VIII: Axioms of Transreal Arithmetic
Vision Geometry XV, Thursday, 8.20 a.m.**