

## Workstation Products

Quintus Prolog Development System  
Quintus ProXL: X Window Library  
Interface (XLib)  
Quintus ProXT: X Window Toolkit  
Interface (Motif and Xt)  
Quintus Prolog Runtime Generator  
Quintus ProWindows  
Quintus ProDBI: Oracle, SunUNIFY  
Interfaces  
Quintus Flex: Expert System Toolkit

## Personal Computer Products

Quintus MacProlog  
Quintus MacProlog Runtime Generator  
Quintus MacProlog+ +  
Quintus MacDialog Editor  
Quintus DOS Prolog  
Quintus DOS Prolog Runtime Generator  
Quintus HCI Toolkit  
Quintus GFX Toolkit  
Quintus DOS Prolog+ +  
Quintus Flex: Expert System Toolkit

## Technical Services

Customer Training  
Customer Support  
Consulting Services

## Platforms

Apple Macintosh (Mac OS)  
Concurrent MC series (RTU)  
DECstation and DECsystem Families  
(Ultrix)  
DEC VAX (Ultrix, VMS)  
Hewlett-Packard Apollo Series  
(Domain/OS)  
Hewlett-Packard 9000/300 (HP-UX)  
IBM PC and Compatibles (MS-DOS)  
IBM PS/2 (AIX)  
IBM RT PC (AIX)  
IBM RS/6000 (AIX)  
Intergraph 6000 Series (CLIX)  
Sequent Symmetry (DYNIX)  
Solbourne (OS/MP)  
Sony NEWS (NEWS-OS)  
Sun 2, 3, 4 and 386i (SunOS)  
80386 (UNIX System V.3)


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# Tomorrow's Software For Today's Solutions

Quintus 



# The logical tool for application development

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## *Computer Manufacturer*

Quintus Prolog is enabling our development team to write application code up to 20 times faster than with traditional tools. And the performance of the code is excellent. In this shop, Prolog has proven itself to be a production-quality language.

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## *VLSI/CAD Tools Developer*

By our experience, the industry is greatly underestimating Prolog's range of application. We've used Quintus Prolog to develop a set of robust design and translation programs—and they exceed the functionality of existing C programs, with code that is a fraction of the size.

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## *National Lab*

Quintus Prolog's flexibility in providing data description and manipulation makes it an excellent candidate for projects requiring DNA sequence determination. As a data manipulation tool, Prolog is much more powerful than available relational DBMS tools.

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## *Aerospace Manufacturer*

With Quintus Prolog, we've implemented a declarative robotics control application that can solve very complex high-order polynomial equations two-and-a-half times faster than is required for real time processing.

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Quintus 





Quintus Computer Systems, Inc., headquartered in Mountain View, California, is the world's premier supplier of Prolog-based software development tools. Quintus' Prolog products give you the productivity you need with the flexibility you require to use them exactly where they are needed. All this plus the tremendous functionality of Prolog itself.

Quintus Prolog Products—tools you should definitely have in your software toolbox for both traditional and knowledge-based application development.

For detailed product information and a product demonstration, call Quintus Computer Systems at (800) 542-1283 or (415) 965-7700, fax us at (415) 965-0551 or send us email at: [sales%quintus.com@sun.com](mailto:sales%quintus.com@sun.com).

# Productivity

## Features

- Declarative
- Compact Code
- High Level Rule-Based Language
- Interactive Development Environment
- Extensive Library, Toolkits and Interfaces

Quintus Prolog's declarative style eliminates many of the tedious tasks required to produce code—freeing you to focus on the “what” instead of the “how.” And Quintus Prolog's high-level language supports compact code that is easier to develop, easier to understand, and easier to maintain than many other languages. Quintus Prolog has a full development environment including X Windows support that enables you to implement solutions quickly and easily. Its powerful tools, user interfaces and rich library of reusable components make every minute of your valuable development time count.

# Functionality

## Features

- Inference Capabilities
- Superset of Relational Database Model
- Pattern Matching
- List Processing
- Definite Clause Grammar

For applications requiring extensive data manipulation, translation or advanced reasoning capabilities—Quintus Prolog is unmatched. Based on predicate logic, its built-in inferencing and pattern-matching facilities provide the power you need to solve complex problems. Pattern-matching provides a high-level, yet efficient, way of manipulating dynamic data structures—with memory allocation and reclamation handled automatically. Quintus Prolog is also exceptional for building intelligent front-ends to industry standard databases. The built-in Definite Clause Grammar formalism gives you a natural way to translate or transform any data whether written in a natural language like English or a computer language like COBOL.

# Flexibility

## Features

- Incremental Compilation, Modular Code and Scalability
- Data and Machine Independence
- Multiple Language Support
- Support for Software Standards like UNIX, SQL and X-Windows
- Small Software Footprint

Quintus Prolog's incremental compiler allows you to refine your programs quickly, without compromising efficiency. Prolog programs are easy to extend. And the language gives you the freedom to work with any type of data. Quintus Prolog code can be linked with code written in C, Pascal, FORTRAN and other languages. Quintus Prolog provides full support for industry-standard software conventions, such as X Windows. As a result you have complete flexibility in integrating your programs into solid, working solutions. Since your Prolog code is machine-independent and Quintus Prolog has a small software footprint, you can deliver your solutions easily across a diverse array of architectures, from a PC to a mainframe.