

Applied Technical Software

“Dedicated to the quest for quality in software development”

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Applied Technical Software (ATS) is a quality-oriented software development company. ATS offers software development services including development, consulting, maintenance, testing, training, and technical support.

ATS is presently prepared to support you by:

- Jump-starting your organization's efforts in writing Macintosh software by doing the initial development while setting up your shop and providing the documentation and training needed for your staff to continue the development of your Macintosh application.
- Prototype development with complete transfer of software and supporting documentation to the client.
- Custom development of software (efforts which have some scientific, engineering or mathematical content are a specialty of ATS).
- Software development using the Numerical Recipes in C library.
- Portable ANSI C and C++ development for most platforms using the standard libraries.
- Software re-engineering.
- Code module or feature implementation for existing applications.
- DOS or UNIX to Macintosh application conversion.
- C and C++ Macintosh application programming in the MPW and THINK C environments.
- MacApp 3.0, ThinkClass-based application development.
- Application testing and debugging for C and C++ applications on the Macintosh using MacsBug and source level debuggers.

The kinds of work done in the past include:

- Scientific and computational software development.
- Business application development.
- Graphical interfaces into classically non-graphical computational methods requiring geometrical information for the initialization of large matrix equations.
- 3-dimensional surface characterization techniques for the generation of arbitrary resolution wire segment representations of complex geometry's.
- Hand-lettered text recognition techniques including Fourier descriptor shape characterization methods.
- DOS business applications re-engineered into true Macintosh applications.
- Object oriented software development, including class library development and application development using existing object oriented frameworks such as MacApp and ThinkClass library.
- FORTRAN, Pascal, Ada, and BASIC applications.