



## ObjectAda for Windows

*“ObjectAda builds robust applications supported by a lightning-fast compile technology and a powerful, open source-based library model”*

### Core Pack Features:

- Lightning-fast Ada Compiler
- GUI Development Environment with flexible Project Manager
- Graphical Debugger
- Language-Sensitive Editor
- Library Manager using lightweight source-based library model
- Visual Ada Source Browser
- Flexible command-line interface
- Integrated Ada Reference Manual
- Win32 & MFC Bindings
- DLL Import and Export Support
- AonixADT Plug-in for Eclipse
- Codeview Debugger Support
- Configuration Control Support

### Optional Components:

- ASIS v2.0 Support
- AdaNav—HTML source navigation and program analysis toolset
- Ada-ASSURED source code standardization and pretty-printing toolset
- AdaJNI Generator for Ada Bindings to Java™ classes

### Platform Support:

- Windows 2000, XP, Server 2003

### Best-selling Ada Environment

ObjectAda® for Windows, the best-selling Ada environment of all time, offers blazing compilation speed, a flexible, intuitive visual environment, and a large array of specialty tools to meet the expectations of large-scale projects and the most demanding applications.

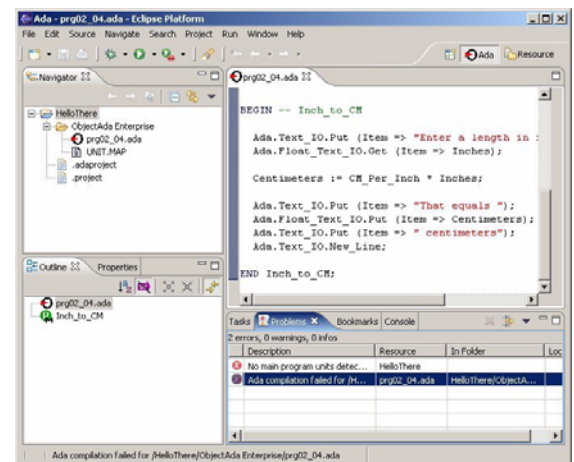
### Ada Features

At the core of ObjectAda is Ada—a powerful programming language and the best choice for complex development projects. ObjectAda for Windows is fully **validated** with the most recent validation test suite. ObjectAda provides robust tool additions and partner integrations plus reference documentation to assist in the development process. These features are combined with an easy-to-use environment and efficient, reliable and optimizing compiler technology for a complete and well-rounded development environment.

### Flexible Integrated Development Environment

ObjectAda allows developers to choose between the traditional Aonix IDE and the *AonixADT™ plug-in for Eclipse*.

AonixADT incorporates Ada-project awareness, an Ada-language sensitive editor, Ada-language compile and build capabilities, and a complete Ada debugger interface, enabling Ada developers to enjoy state-of-the-art interface capabilities geared to maximize developer ease and efficiency. Developers can focus on building applications, not on integrating tools since AonixADT also retains a large set of existing plug-ins for third-party tools, including support for source-code configuration management. The traditional ObjectAda Windows-based IDE is modeled after Microsoft's time-tested Visual C++ product, the most widely used IDE on the market. This intuitive graphical environment ensures a short learning curve and extreme flexibility.



Meeting Your Most  
Critical Requirements

### Annex Support

- *Annex A* supports complete coverage of the Ada pre-defined libraries.
- *Annex B* provides a standard interface with other languages.
- *Annex C* includes support for system level programming.
- *Annex D* implements real-time capabilities of the core language.

### Core Pack Features

- *Lightning-Fast Optimizing Compiler Technology*—State-of-the-art analytical engine optimizes compiler performance and object code generation.
- *Fast, Open Library Model*—Source files are mapped one-for-one with object files which can be intermixed with object files from any other language. Simple ASCII text files are used to maintain basic build information and dependency information is taken directly from source files.
- *Integrated Ada Reference Manual*—Hypertext versions of the Ada Language Reference Manual (LRM) and Ada Rationale make it easy to browse the full scope and breadth of the Ada language and to understand the reasoning behind its design. Compile-time errors are cross-referenced into the LRM.
- *Extensive On-Line Documentation and Context-Sensitive Help*

- *Extensive Samples and Textbook Material*—Jump-starts learning how to use Ada and the ObjectAda environment.
- *Win32 and MFC Bindings*—Windows programmers can choose between the de facto standard Win32Ada bindings, and the WinAPI evolvable binding set designed to keep up with the latest Microsoft API releases, and a binding to the most frequently used components of the Microsoft Foundation Classes (MFC).
- *ActiveX Control Import*—Any ActiveX controls installed on your system can be inserted into your GUI Builder toolbar for use just like a predefined control.
- *DLL Import and Export*—ObjectAda provides easy-to-use mechanisms for creating 32-bit Dynamic Link Libraries (DLLs) for use by other applications and for using existing DLLs.
- *Visual Ada Source Browser*—ObjectAda includes an integrated source browser that supports navigation from an identifier to its declaration or references and visualization of relationships between objects.
- *Codeview Debugger Support*—In addition to its integrated Ada debugger, ObjectAda supports use of Codeview-compatible debuggers (e.g. Microsoft Visual C++) to debug Ada and multilingual applications.

**"Your ObjectAda is HOT!"**

- PRB Associates

**"The speed and performance is impressive. ObjectAda can handle very large applications easily."**

- Integrated Systems, Inc.

### Project Pack Features

The advanced package, *Project Pack*, contains the following additional features:

- *AdaNav Analysis Toolset*—Provides complete system HTML source-navigation capabilities as well as call tree and unit tree graphical reporting and automatic data dictionary generation. The AdaNav profiler provides run-time performance reporting to help you identify application hot spots and improve program performance.
- *ASIS Support*—Provides a standard way for tools to extract semantic data that is best collected by an Ada compiler. Using ASIS, you can produce portable and powerful code analysis tools based on such semantic information.
- *AdaJNI Java Class Binding Generator*—Included is a full binding to the Sun Java Developer's Kit (JDK), and the AdaJNI automated binding generator. Together, these tools make it easy to create new Java applications as well as interoperate Ada applications with off-the-shelf Java classes.

To obtain more information, please contact Aonix at [www.aonix.com](http://www.aonix.com) or your local Aonix office.



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