



ObjectAda for Linux

Now Includes



“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
- Support for POSIX Threads
- POSIX Bindings
- AonixADT Plug-in for Eclipse
- Configuration Control Support

Optional Components:

- ASIS Support
- AdaNav—HTML source navigation and program analysis toolset
- Ada-ASSURED source code standardization and pretty-printing toolset
- UIMS Motif Development Environment—TeleUSE

Platform Support:

- Red Hat Enterprise Linux
- Fedora Core and most equivalent Linux distributions

ObjectAda™ Supports the Full Power of Linux for Ada

ObjectAda for Linux represents an enterprise-class Ada development environment for serious-minded development teams who desire to leverage the advantages of the Linux-based open-source development platforms. ObjectAda for Linux provides the complete ObjectAda for UNIX Ada development environment for 32-bit Intel x86 Linux development platforms. ObjectAda for Linux provides a robust development environment that includes an optimizing compiler, library manager, runtime, configuration management integrations, lifecycle tools support, and productivity toolsets that include an editor, a browser, and a debugger.

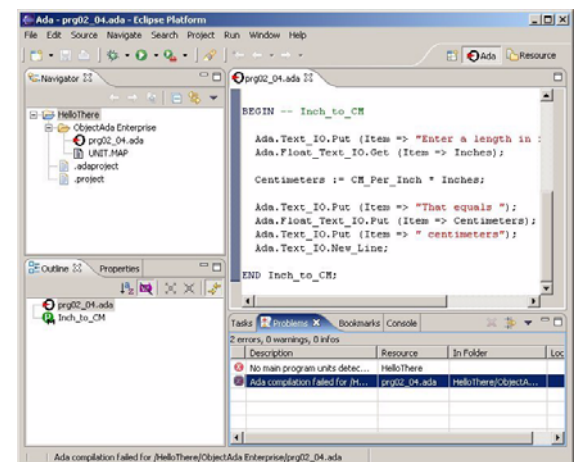
Ada Features

At the core of ObjectAda is Ada—a powerful programming language and the best choice for complex development projects. ObjectAda for Linux is fully **validated** with the most recent validation test suite. ObjectAda provides robust tool add-ons 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.

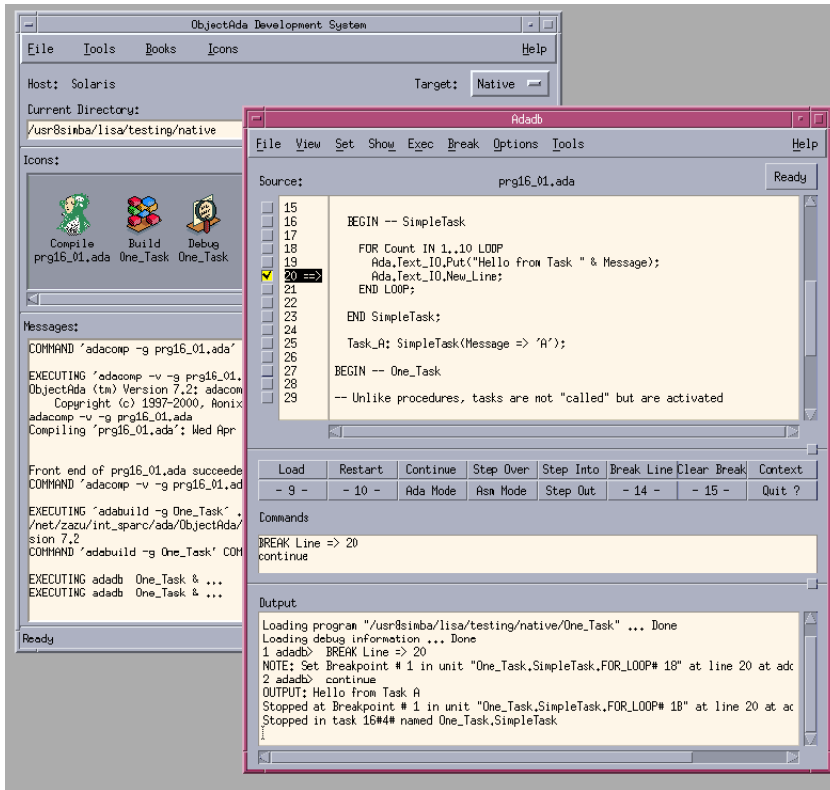
Flexible Integrated Development Environment

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.



Meeting Your Most
Critical Requirements



“ObjectAda for Linux is rigorously tested on the Red Hat Linux operating system. And it will also run on a variety of other Intel-based Linux operating systems. Thus it provides support for a whole new set of possible host development platforms.”

- **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.

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.

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**
- **AdaPOSIX**—Ada binding to standard POSIX APIs compliant with IEE POSIX 1003.5 specification.

To obtain more information, please contact Aonix at www.aonix.com or your local Aonix office.



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