

PTC ObjectAda Version 10.5 is now available for Windows and Linux!

New native Ada compiler releases provide upgraded Ada 2012 support

Boston, MA – July 28, 2023 -- PTC (NASDAQ: PTC) today announced the release of version 10.5 of the following popular PTC® ObjectAda development environment products for native application development on Windows and Linux using the Ada programming language:

- PTC ObjectAda for Windows
- PTC ObjectAda64 for Windows
- PTC ObjectAda for Linux
- PTC ObjectAda64 for Linux

This new release provides upgraded Ada 2012 language support compliant with the Ada Conformity Assessment Test Suite (ACATS) version 4.1EE. New in this release of ObjectAda are the following enhancements related to Ada 2012 features:

- Execution-time enforcement of preconditions and postconditions on:
 - Specific preconditions specified for protected entries and protected subprograms
 - Class-wide preconditions and postconditions for protected entries and protected subprograms.
 - Preconditions and postconditions specified for task entries
- Execution-time enforcement of type invariants related to task entries.

ObjectAda version 10.x products in general represent a major upgrade from previous versions incorporating these enhancements:

- Compiler, runtime, debugger, and IDE upgrades
- New Ada 2012 language support
- Ada 95, Ada 2005, and Ada 2012 compiler operation modes
- Windows 10 & Windows 11 compatibility
- Ada bindings to Windows APIs based on Windows 11 SDK
- Development using Visual C++ 2022 tools & Windows 11 SDK libraries
- Ada Development Toolkit (ADT) Eclipse interface (works with latest 64-bit Eclipse versions)
- Support for latest Windows and Linux operating system versions

"ObjectAda v10.5 is a quality-enhancement, / maintenance release which has the same overall characteristics as our prior release while at the same time incorporating extensive upgrades to the compiler to maintain conformance to the current test suite for Ada 2012.", stated Shawn Fanning, Software Development Director at PTC. "On the Windows platform, ObjectAda supports usage of the latest Microsoft developer technologies. ObjectAda for Linux likewise supports the latest Linux operating system versions and is fully compatible with ObjectAda for Windows. ObjectAda's Ada Development Toolkit (ADT) Eclipse interface supports the latest Eclipse 2023-06 (4.28) release. With our ObjectAda v10.5 product releases for Windows and Linux, PTC continues to support its mission to provide best-in-class compilers for development of mission-critical application code using the Ada language."

About PTC's ObjectAda Family of Products

PTC ObjectAda is an extensive family of native and cross development tools and runtime environments. PTC ObjectAda native products provide host development and execution support for the most popular environments including Windows, Linux and various UNIX operating systems. PTC ObjectAda Real-Time products provide cross development tools on Windows, Linux or UNIX systems which target PowerPC and Intel target processors in support of "bare" hardware execution or in conjunction with popular RTOSs. PTC ObjectAda Raven products provide a hard-real-time Ada runtime to address those systems requiring small footprint, deterministic behavior, or certification to safety standards.

Shipping and Availability

The PTC ObjectAda v10.5 / PTC ObjectAda64 v10.5 products for Windows and Linux are immediately available.

Customers with active subscription licenses for ObjectAda v10.x can upgrade to the ObjectAda v10.5 release of their licensed products.

License pricing for new customers is available on request. Inquiries for new license purchases, adding licenses for additional platforms/editions, and upgrading licenses can be made via email to developer-tools-sales@ptc.com.

For more information about these or other PTC ObjectAda products, please visit <https://www.ptc.com/products/developer-tools/objectada>.

Product Download

Existing customers can download the latest version and product documentation from the PTC Developer Tools download portal. Product use will require an updated license key. Requests for updated license keys and credentials required to access the product downloads should be sent to developer-tools-support@ptc.com.

Product download locations:

1. For PTC ObjectAda for Windows v10.5 (32-bit product):
<https://developer-tools-us.ptc.com/Downloads/Products/ObjectAda/Releases/1000/10.5/>
2. For PTC ObjectAda64 for Windows v10.5 (64-bit product):
<https://developer-tools-us.ptc.com/Downloads/Products/ObjectAda/Releases/2000/10.5/>
3. For PTC ObjectAda for Linux v10.5 (32-bit product):
<https://developer-tools-us.ptc.com/Downloads/Products/ObjectAda/Releases/3000/10.5/>
4. For PTC ObjectAda64 for Linux v10.5 (64-bit product):
<https://developer-tools-us.ptc.com/Downloads/Products/ObjectAda/Releases/8000/10.5/>

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RB-20230728-ObjectAda 10.5