# Intel® Thread Profiler 3.1 for Windows* Install Notes

## Contents

Introduction
System Requirements
Obtaining Intel(R) Thread Profiler for Windows*
Installing Intel(R) Thread Profiler for Windows*
Uninstalling Intel(R) Thread Profiler for Windows*
Technical Support

## Introduction

This document explains how to install and configure Intel(R) Thread Profiler for Windows*. Installation is a multi-step process. You should read this document in its entirety before you begin. Follow the steps provided in sequence.

## System Requirements

See ReleaseNotes.htm for detailed hardware and software requirements.

## Obtaining Intel(R) Thread Profiler for Windows*

Visit the Intel(R) Registration Center to download the latest version of Intel(R) Thread Profiler for Windows*. See the Technical Support section of ReleaseNotes.htm for details.

## Installing Intel(R) Thread Profiler for Windows*

Before installing this version, you should uninstall any previous version of Thread Profiler. To enable full source instrumentation functionality, Thread Profiler should be installed AFTER installing the Intel (R) C++ Compiler for Windows*. Detailed information regarding compatible compiler versions is listed in the Release Notes (System Requirements).

When upgrading from versions earlier than the Intel(R) Thread Profiler 2.0, a one-time post-install change is required to set the new default instrumentation levels for both the VTune™ environments. To set the default instrumentation level in the VTune™ environment, click on Configure, Options..., Intel (R) Thread Profiler, Collector, Instrumentation Levels and set the default instrumentation level for each module type. In the Microsoft Visual Studio* environment, this is done using the Tools menu. Click on Options, VTune™ Performance Tools, Intel(R) Thread Profiler, Collector, Instrumentation then set the default instrumentation level for each module type. The new default instrumentation levels are "All Functions" for User EXEs/DLLs and "Module Imports" for System DLLs.

Always uninstall Thread Profiler before uninstalling the VTune™ Performance Analyzer.

While upgrading from earlier versions, use the license file rather than the serial number.

If Intel(R) VTune™ Performance Analyzer is not installed it will be installed first. Follow the steps which guide through the installation process. After VTune™ Performance Analyzer is installed, installation of Intel(R) Thread Profiler will automatically resume.

1. Start the installation program.

a. If you received the product on CD-ROM, insert the CD-ROM into a CD-ROM drive. If the installation program does not automatically start, locate the file Setup.exe on the CD-ROM and double-click it.

b. If you received the product as an electronic download, double-click the downloaded file, named tprofile3.1_win.exe.

The installation program starts. Click "Next".

2. At the prompt, accept the default temporary directory or choose a different temporary directory into which the contents of the self-extracting installation file will be placed before actual installation begins. Click "Next".

3. The Intel(R) Software Setup Assistant appears. Click "Next" to continue the installation, or click on the links provided on the left-hand side to view useful product and support information.

4. Choose between the following product license options:

(1) Use the existing license found on the system.
(2) Provide your serial number.
(3) Provide a license file.
A recommended option is indicated, and options that are not applicable are not displayed.

Choose option (1) and click "Next" if an existing license is already available on your system.

Choose option (2), enter a serial number, and click "Next" if you are connected to the Internet and you have a serial number.
A serial number was provided to you when you purchased the product, either in an e-mail from Intel or your reseller, or on a sticker attached to the CD-ROM package. The correct license, based on the serial number, will automatically be downloaded and installed on your system.

Choose option (3), enter the path to a license file, and click "Next" if you are not connected to the Internet or you have a license file.

If installing from CD-ROM, a default license is installed on the CD-ROM that permits installation and use of the product but does not allow upgrades/updates.
If not installing from CD-ROM, a license was provided to you, when you purchased the product, in an e-mail from Intel or your reseller. Copy the license to a location on your system, choose option (3), provide the path to the license file, and click "Next".

5. The installation begins. Click "Next" to proceed.

6. Read the license agreement, accept it and click "Next" to continue.

7. Select the setup type and click "Next" to continue.

8. Accept the default installation directory. Click "Next".

9. Click "Install" to begin the installation process.

10. Wait for the installation to complete, and then click "Finish".

11. The Intel(R) Software Setup Assistant re-appears. Click on the links on the left-hand side, or click "Finish" when done.

# Uninstalling Intel(R) Thread Profiler for Windows*

Note: Uninstalling the product software does **not** delete the corresponding license file.

Click the Windows "Start" button and select "Settings", "Control Panel", "Add or Remove Programs".

Click Intel(R) Thread Profiler to select it from the list of installed software.

Click "Remove" and then click "Yes" to uninstall.

# Technical Support

The product support web site ( http://support.intel.com/support/performancetools/threadprofiler/ ) contains frequently asked questions, product documentation, product errata, as well as solutions to common issues.

To receive technical support for this product or product updates, you need to register for an Intel(R) Premier Support account at the Intel(R) Registration Center ( http://www.intel.com/software/products/registrationcenter/ ).

When submitting an issue to Intel(R) Premier Support ( https://premier.intel.com/), be sure to select **Intel(R) Thread Profiler** from the **Product Name** drop down list.

When submitting an issue provide the product build number. This information can be found in the **ThreadProfilerSupport.txt** file. To open this file, go to Start, All Programs, Intel(R) Software Development Tools, Intel(R) Thread Profiler, View Support and Build Ids.

Once you have contacted us with your suggestion or problem using your Premier Support account, a technical support engineer will respond within one Intel business day.

If you have not received or have lost your Premier Support login ID or password, or are having trouble with access, visit https://registrationcenter.intel.com/support for assistance.

# Related Products and Services

Information about Intel(R) Software Development Products is available at http://www.intel.com/software/products.

Some of the related products include:

- Intel(R) Thread Checker can pinpoint source locations that cause deadlocks, data races and other thread safety issues in threaded programs or programs that use threaded runtimes.
- VTune(TM) Performance Analyzer enables you to evaluate how your application is utilizing the CPU and helps you determine if there are modifications you can make to improve your application's performance.
- Intel(R) Compilers are an important part of making software run at top speeds with full support for the latest Pentium(R) and Itanium(R) processors.
- Intel(R) Cluster Tools can help developers create, analyze and optimize high-performance applications on clusters of Intel(R) processor-based systems.
- Intel(R) Performance Library Suite provides a set of routines optimized for various Intel processors.
- Intel(R) Software College provides training for developers on leading-edge software development technologies. Training consists of online and instructor-led courses covering all Intel architectures, platforms, tools, and technologies.

# Disclaimer and Legal Information

The information in this document is subject to change without notice and Intel Corporation assumes no responsibility or liability for any errors or inaccuracies that may appear in this document or any software that may be provided in association with this document. This document and the software described in it are furnished under license and may only be used or copied in accordance with the terms of the license. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. The information in this document is provided in connection with Intel products and should not be construed as a commitment by Intel Corporation.

EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT. Intel products are not intended for use in medical, life saving, life sustaining, critical control or safety systems, or in nuclear facility applications.

Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them.

The software described in this document may contain software defects which may cause the product to

deviate from published specifications. Current characterized software defects are available on request.