

EMPro 2015.01

# EMPro 2015.01 Hotfix 1 Installation Instructions

# Notice

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Developed by D.C. Sorensen, R.B. Lehoucq, C. Yang, and K. Maschhoff.

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## **PVM**

PVM version 3.4: Parallel Virtual Machine System

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## Python

### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release Derived Year Owner GPL- from compatible? (1)

0.9.0 thru 1.2 1991-1995 CWI yes

1.3 thru 1.5.2 1.2 1995-1999 CNRI yes

1.6 1.5.2 2000 CNRI no

2.0 1.6 2000 BeOpen.com no

1.6.1 1.6 2001 CNRI yes (2)

2.1 2.0+1.6.1 2001 PSF no

2.0.1 2.0+1.6.1 2001 PSF yes

2.1.1 2.1+2.0.1 2001 PSF yes

2.2 2.1.1 2001 PSF yes

2.1.2 2.1.1 2002 PSF yes

2.1.3 2.1.2 2002 PSF yes  
2.2.1 2.2 2002 PSF yes  
2.2.2 2.2.1 2002 PSF yes  
2.2.3 2.2.2 2003 PSF yes  
2.3 2.2.2 2002-2003 PSF yes  
2.3.1 2.3 2002-2003 PSF yes  
2.3.2 2.3.1 2002-2003 PSF yes  
2.3.3 2.3.2 2002-2003 PSF yes  
2.3.4 2.3.3 2004 PSF yes  
2.3.5 2.3.4 2005 PSF yes  
2.4 2.3 2004 PSF yes  
2.4.1 2.4 2005 PSF yes  
2.4.2 2.4.1 2005 PSF yes  
2.4.3 2.4.2 2006 PSF yes  
2.4.4 2.4.3 2006 PSF yes  
2.5 2.4 2006 PSF yes  
2.5.1 2.5 2007 PSF yes  
2.5.2 2.5.1 2008 PSF yes  
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2.6 2.5 2008 PSF yes  
2.6.1 2.6 2008 PSF yes  
2.6.2 2.6.1 2009 PSF yes  
2.6.3 2.6.2 2009 PSF yes  
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Mersenne Twister

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A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)` or `init_by_array(init_key, key_length)`.

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Sockets

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L. Peter Deutsch

[ghost@aladdin.com](mailto:ghost@aladdin.com)

Independent implementation of MD5 (RFC 1321).

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The original and principal author of md5.h is L. Peter Deutsch <[ghost@aladdin.com](mailto:ghost@aladdin.com)>. Other authors are noted in the change history

that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically. 1999-11-04 lpd Edited comments slightly for automatic TOC extraction. 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <[purschke@bnl.gov](mailto:purschke@bnl.gov)>.

1999-05-03 lpd Original version.

Asynchronous socket services

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libffi

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### **pstdint**

A portable stdint.h

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adodbapi

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adodbapi - A python DB API 2.0 (PEP 249) interface to Microsoft ADO

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This document provides information about how to install EMPro 2015.01 hotfix 1.

## Overview

The following table lists details about the EMPro2015.01 hotfix 1:

<b>Hotfix Name</b>	<b>empro201501hf&lt;x&gt;</b> where, <x> represents the hotfix version
<b>Supported Platforms</b>	Windows, Linux
<b>Hotfix Version</b>	<b>290.hf&lt;x&gt;</b> where, <x> represents the hotfix version

### Prerequisite

You need to install EMPro 2015.01 before installing the EMPro 2015.01 hotfix.

### Precautions

Following is the list of precautions:

- Close EMPro 2015.01, kill all the background processes related to EMPro 2015.01.
- Do not start EMPro 2015.01 while the hotfix installation is in progress.
- Do not interrupt the hotfix installation while it is in progress.
- Disable/Minimize UAC in case of Windows7 before installing the hotfix.
- Ensure that you are not running any of the listed process while installing hotfix:  
("empro.exe" , "emprogui.exe")

## Installing the EMPro Hotfix on Windows

To install EMPro hotfix on Windows:

1. Download the installer archive *empro\_2015\_01\_hf<x>\_win.zip*.
2. Extract the contents of the zip file.  
After extraction, a directory *empro\_2015\_01\_hf<x>\_win* will be created.
3. In the extracted directory *empro\_2015\_01\_hf<x>\_win*, there will be an executable "*empro\_2015\_01\_hf<x>.exe*" and a batch file "*install\_empro\_2015\_01\_hf<x>.bat*" in "hf\_files" folder, either can be used to install hotfix.

On Windows 7:

1.
  - a. Right click *empro\_2015\_01\_hf<x>.exe* and select **Run as administrator**.  
Installer will be launched. Follow the installer screens till the completion.  
Or
  - b. Double-click *install\_empro\_2015\_01\_hf<x>.bat*.  
Command window pops up. Follow the instructions till the completion.

### NOTE

- Hotfix installer does not support silent installation, but you can use the batch file (*install\_empro\_2015.01\_hfx.bat*) to launch the hotfix installer from the command prompt.
- After installing EMPro 2015.01 HF1 on Windows, the install size of EMPro 2015.01 will increase from 2.37 GB (2546601984bytes) to 2.68 GB (2884616192 bytes).

## Verification of Successful Installation of EMPro Hotfix on Windows

You can see the installed hotfix on EMPro2015.01 by running the executable "*list\_of\_hotfixes\_and\_addons.exe*" located in *<EMPro installation directory>/hotfixes*.

## Uninstalling the EMPro Hotfix on Windows

To uninstall EMPro hotfix on Windows:

1. Open the **hotfixes** folder in the EMPro installation directory.
2. Right-click **remove\_empro\_2015\_01\_hf<x>.bat** and select **Run as administrator**.
3. Specify the EMPro installation directory location at the prompt.
4. Click **Enter**. The hotfix un-installation process will start. Various status messages will be displayed during uninstallation of the hotfix. At the end of successful un-installation, a message "hotfix un-installed successfully" will be displayed.

### NOTE

- Do **not** cancel the hot fix uninstallation while it is in progress. Please do not close the batch window during hot fix uninstallation. Any of these operations can make the EMPro installation directory un-usable.
- Un-install all the previously installed hot fixes before uninstalling EMPro base release or if EMPro base release is uninstalled first then remove all the hot fix thrashes (folder) after uninstalling EMPro base release.

# Installing the EMPro Hotfix on Linux

To install EMPro hotfix on Linux:

1. Download the installer archive **empro\_2015\_01\_hf<x>linux.zip**.
2. Open a terminal and set the HPEESOF\_DIR environment variable to the existing EMPro2015.01 installation directory.  
For example, assuming EMPro 2015.01 is installed at */disk1/EMPro2015.01*,  
**HPEESOF\_DIR=/disk1/EMPro2015.01; export HPEESOF\_DIR** # bourne or K shell  
**setenv HPEESOF\_DIR /disk1/EMPro2015.01** # C shell
3. Extract the contents of the zip file by running the following command on terminal:  
**unzip empro\_2015\_01\_hf<x>\_linux.zip**
4. After extraction, a directory **empro\_2015\_01\_hf<x>\_linux** will be created.
5. Change the directory to **empro\_2015\_01\_hf<x>\_linux** and execute the shell script: **install\_empro\_2015\_01\_hf<x>.sh** as follows:  
**e.g: ./install\_empro\_2015\_01\_hf<x>.sh**
6. Specify the path of the installed location.
7. Click **Enter**. The EULA license agreement is displayed.
8. Keep pressing the Space key to continue the agreement page.  
You will be prompted to confirm the hotfix installation. Please press "y" at the prompt.
9. Hotfix Installation will start and various messages will be displayed to indicate the progress. At the end of successful installation, a message **"hotfix installed successfully"** will be displayed.

## NOTE

- Do not cancel the hotfix installation while it is in progress. This can make the EMPro installation directory unusable.
- After installing EMPro 2015.01 HF1 on Linux, the install size of EMPro 2015.01 will increase from EMPro 2015.01 will increase from 3.2 GB to 4.1 GB.

## Verification of Successful Installation of EMPro Hotfix on Linux

To verify the successful installation of EMPro hotfix on Linux:

1. Open a terminal and change the directory to "**<EMPro installation directory>/hotfixes**" and execute the following command:  
**list\_installed\_hotfixes.sh**.  
**For example, ./list\_installed\_hotfixes.sh**
2. The hotfix information is displayed:

<b>Version</b>	<b>Hotfix_name</b>	<b>Date_of_installation</b>	<b>status</b>
290.hf<x>	<i>empro_2015_01_hf&lt;x&gt;</i>	<Hotfix release date>	installed

## Uninstalling the EMPro Hotfix on Linux

To uninstall the EMPro hotfix on Linux:

1. Open a terminal and Change the directory to “<EMPro installation directory> /hotfixes” and execute the following command:  
`"remove_empro_2015_01_hf<x>.sh"`  
For example, `/remove_empro_2015_01_hf<x>.sh`
2. You will be prompted to provide the EMPro installation path. Specify the EMPro installation directory path and click **Enter**.
3. Press "y" at the prompt.

The hotfix removal process will start and various messages will be displayed to indicate the progress. At the end of a successful un-installation, the "*hotfix un-installed successfully*" message will be displayed.

### NOTE

- Do **not** cancel the hotfix removal process while it is in progress. This can make the installation directory unusable.

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