OPENFLIGHT API 15

INSTALLATION GUIDE

CONTENT CREATION

PRESAGIS

Contents

Getting started 3

Software version requirements 4

System requirements 4

OpenFlight API distribution 5

Upgrading a previous OpenFlight API release 6

Installing 7

Installing from a DVD 8

Windows 8

Linux 10

Installing from the Presagis Customer Portal 12

Installing OpenFlight API on Microsoft Windows 17

Installing OpenFlight API on Linux 24

Uninstalling 31

Microsoft Windows platform 32

Linux platform 35

OpenFlight API Installation Guide

Welcome to the Installation Guide for OpenFlight API 15.

1

Getting started

This guide contains information for installing OpenFlight API.

For more information about the OpenFlight API development environment and its capabilities, consult the following references:

- *OpenFlight API Developer Guide*
- *OpenFlight API Reference*
- *OpenFlight Data Dictionary*

Software version requirements

System requirements

OpenFlight API distribution

Upgrading a previous OpenFlight API release

Software version requirements

OpenFlight API 15 is a new release, no previous releases are required.

System requirements

The minimum technical specifications for installing and using OpenFlight API are listed in the following table:

System Configuration

Component	Microsoft Windows	Linux
OS Versions	Windows 7 (32 bit) Windows 7 (64 bit) Windows 8 (32 bit) Windows 8 (64 bit)	ABI: Linux (RedHat Enterprise Linux 6) 2.6 kernel
Compiler	Visual C++ vc8 VC80 CRT version 8.0.50727.4053 Visual C++ vc9 VC90 CRT version 9.0.21022.8 Visual C++ vc12	GCC 4.4.4 compiler Standard C++ Library v6
Machine Type	Windows Workstation 2.0 GHz or higher	Linux Workstation 2.0 GHz or higher
Processor	IA32 / X86 (32-bit) Intel® X64 (64-bit)	32 or 64-bit
RAM	2 GB+	2 GB+
Hard Disk Space	100 GB	100 GB

OpenFlight API distribution

The OpenFlight API is available for both Windows and Linux computer platforms. When you obtain OpenFlight API, there are several ways that it can be delivered. Your platform (Windows or Linux) and delivery option may affect your installation procedure.

- OpenFlight API is delivered on a DVD with the Creator product. You perform your installation from this DVD. These media include all available OpenFlight API platforms (all Windows and Linux). See Installing from a DVD.
- OpenFlight API can also be downloaded from the Presagis Support portal. Customers can register for a support customer login account by registering on the portal. See Installing from the Presagis Customer Portal.
- OpenFlight API can be downloaded directly from the Presagis website. After you complete the download, simply open the .zip file and extract the compressed files to an area where you can perform an installation. Please note that there are separate .zip files for Windows (.zip) and Linux (.tar.gz) available on the Presagis website. The compressed files also include the related documentation.

Upgrading a previous OpenFlight API release

If you have a previous release of OpenFlight API already installed on your computer, you do not need to uninstall it.

When you install OpenFlight API 15 on your computer, it will install into a new folder; it will not overwrite or upgrade any files from a previous version of OpenFlight API.

By default, OpenFlight API 15 installs into the folder:

`c:\Presagis\Suite15\OpenFlight_API` (Windows).

`/usr/local/Presagis/Suite15` (Linux).

2

Installing

This section describes how to install OpenFlight API.

Installing from a DVD

Installing from the Presagis Customer Portal

Installing OpenFlight API on Microsoft Windows

Installing OpenFlight API on Linux

Installing from a DVD

OpenFlight API is delivered on a DVD with the Creator product.

Before installing OpenFlight API, ensure:

- you are logged on to the computer using an account with administrator privileges, and
- the computer meets the minimum System requirements.

Follow the instructions for your computer platform:

Windows

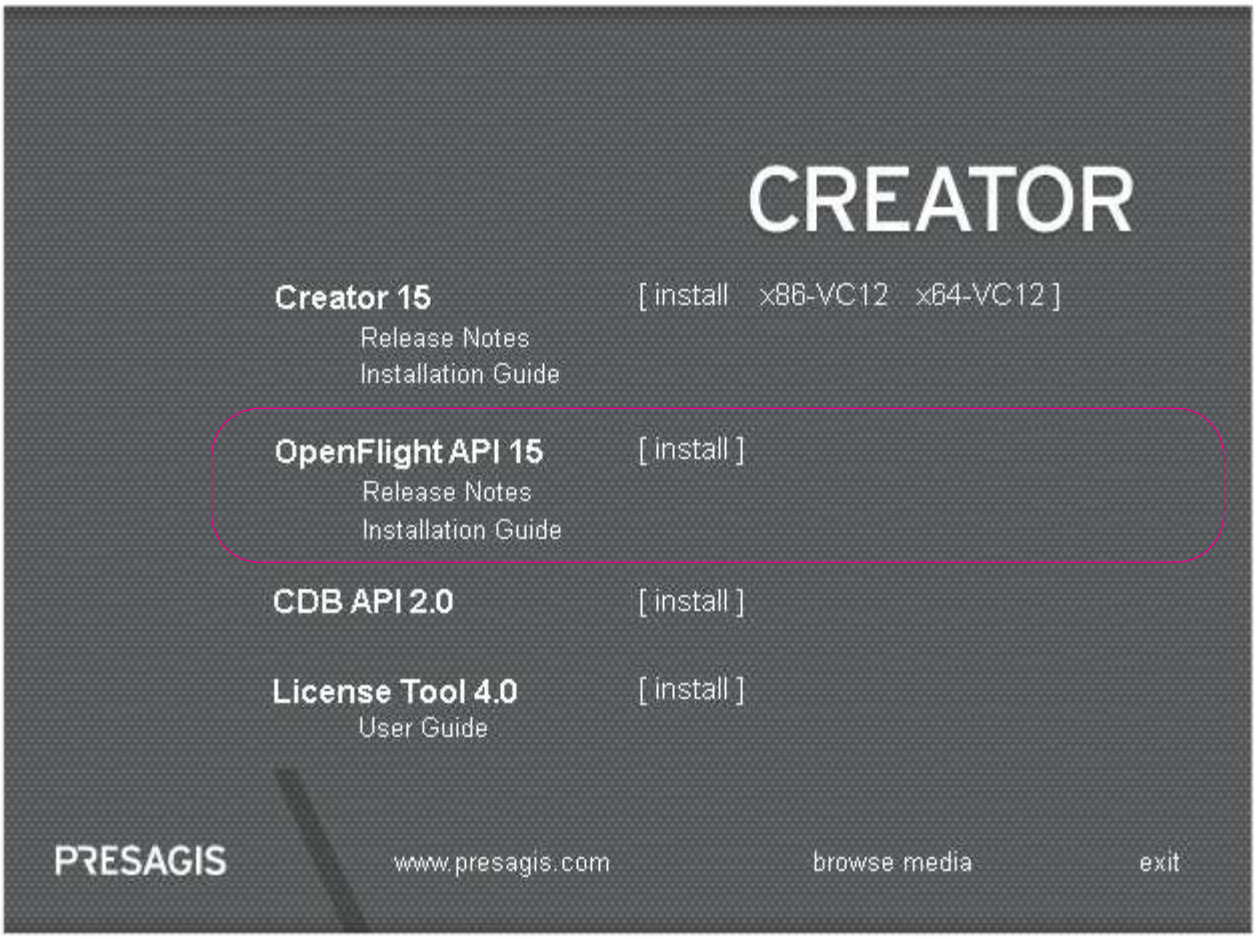
Linux

Windows

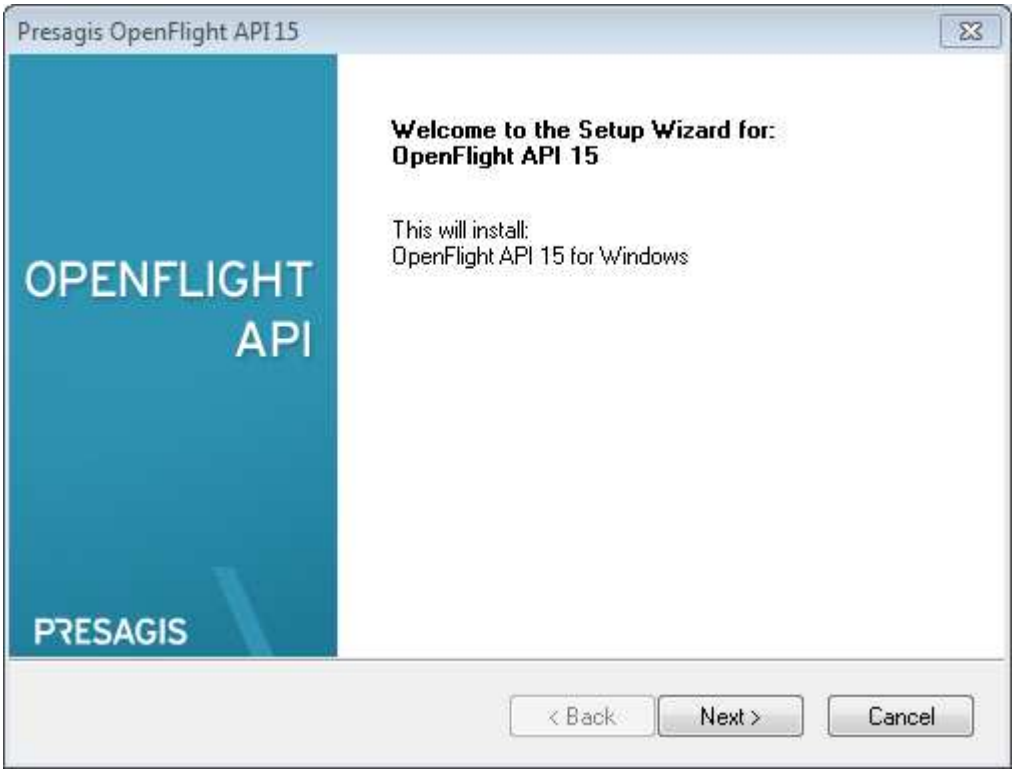
1 Insert the Creator 15 DVD into your computer's DVD-ROM drive.

The **Creator** autorun screen opens.

> **NOTE**
> If the autorun screen does not automatically display on your system, open the DVD root folder in Windows Explorer and double-click **`autorun.exe`**.



2 On the autorun screen, click **Install OpenFlight API 15.**
The **Setup Wizard** screens displays.



3 See Installing OpenFlight API on Microsoft Windows.

Linux

1 Insert the Creator 15 DVD into your computer's DVD-ROM drive.

2 Open a "tcsh" terminal (as "root" or another user with full administrative rights) to the root of the media.

3 Change directories to `Installers/linux`.

4 To install 32 bit, execute:
```
./OpenFlight_API_15_Linux_x86.bin
```

To install 64 bit, execute:
```
./OpenFlight_API_15_Linux_x64.bin
```

NOTE
The mounted drive **MUST** have execute enabled for binaries. If the installer cannot be executed directly from the media, you must copy the entire content of the media to your local drive and execute the installer from that location instead.

The **Introduction** screen opens.

5 See Installing OpenFlight API on Linux.

Installing from the Presagis Customer Portal

Before Installing OpenFlight API, ensure:

- you are logged on to the computer using an account with administrator privileges.
- the computer meets the minimum System requirements.

Customers with existing accounts can **Login to the Customer Portal** and download the latest version of OpenFlight API.

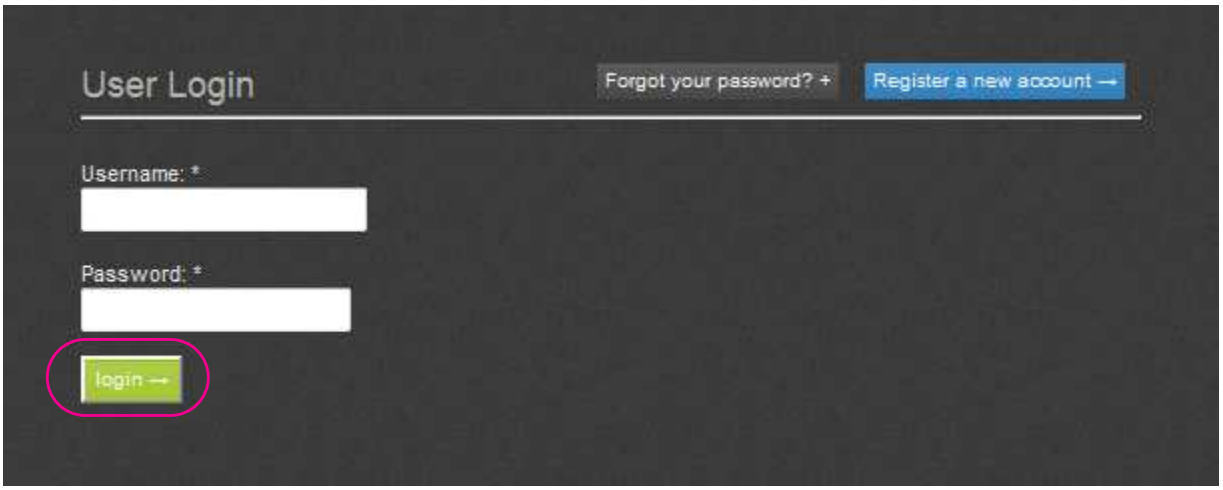
> **NOTE**
> New customers must **Register for the Customer Portal to have** access to downloads. Once registered, the request is validated by Support and an email is sent with login credentials.

1 Click http://www.presagis.com/support/presagis_customer_portal to open the **Presagis Customer Portal**.

The **Presagis Customer Portal** opens in the browser.

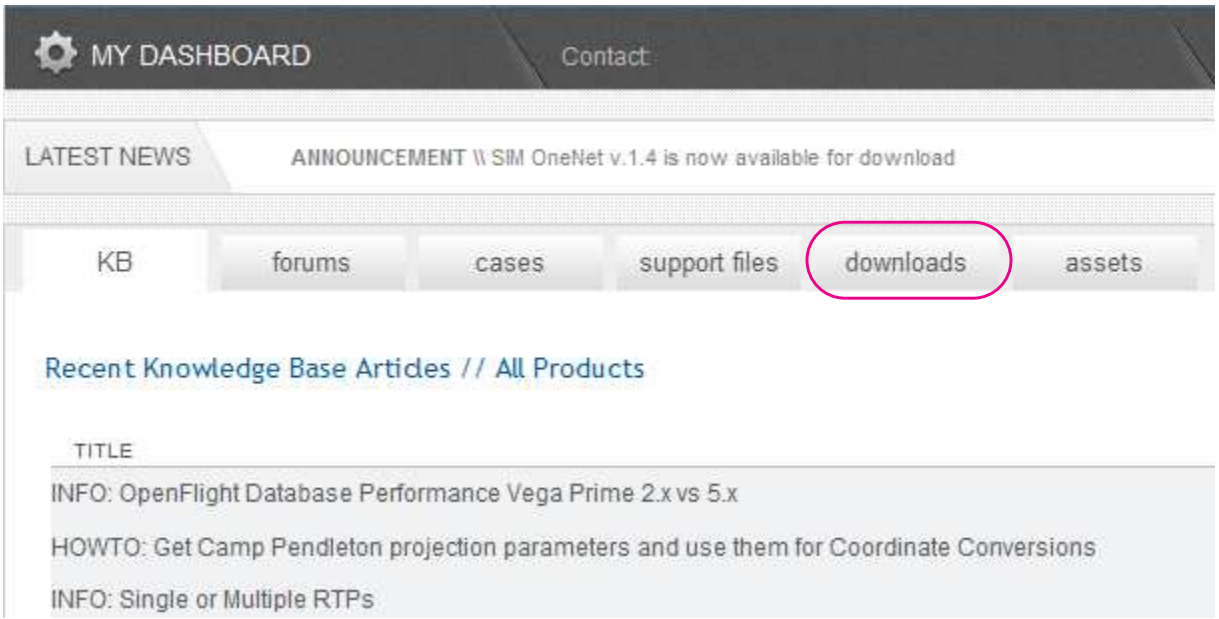
2 Click **Login to the Customer Portal**.

The **User Login** screen opens.



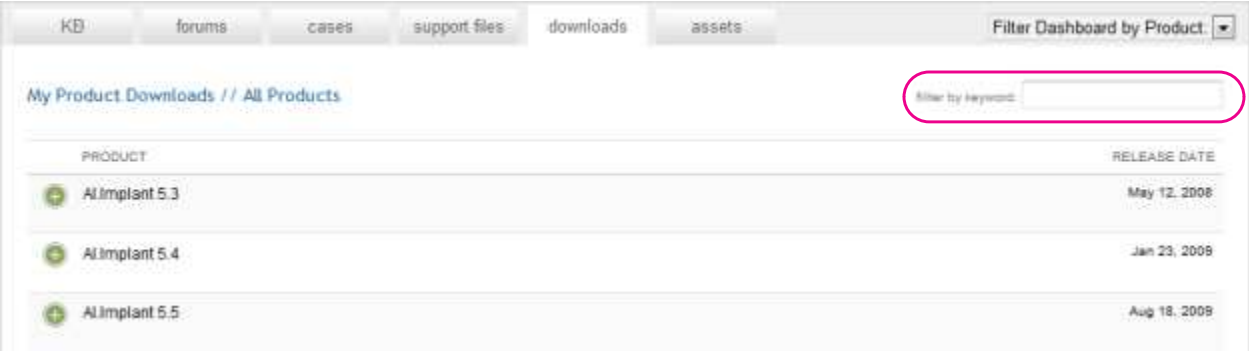
3 Type **Username** and **Password**, then click login →.

The **Support Dashboard** opens.



4 Click the downloads tab.

The **Product Downloads** window opens.



5 To locate the OpenFlight API downloads, type the product name in the **filter by keyword** field.

The list of available downloads is displayed.

6 Click to expand the product, then select the file to download.

The **File Download** window opens.

7 Click **Save**.

The **Save As** window opens.

8 Type the path, or navigate to the folder to save the zip file, then click **OK**.

> **NOTE**
>
> By default, the file is saved in the folder on your computer.

9 Locate the folder where the zip file is saved.

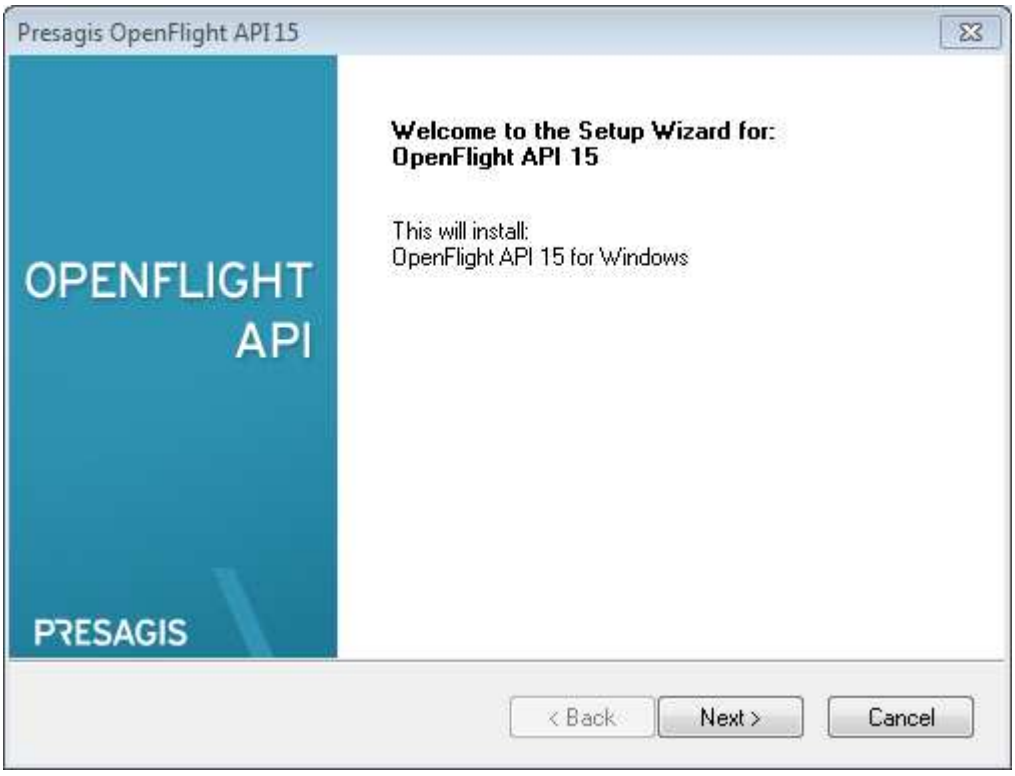
10 Double-click the zip file, then click .

The **Extraction path and options** window opens.

11 Type the path, or navigate to the folder to extract the file, then click **OK**.

12 Double-click the folder, then double-click `setup.exe` to run.

If you are installing on Windows, the **Setup Wizard** screen opens.



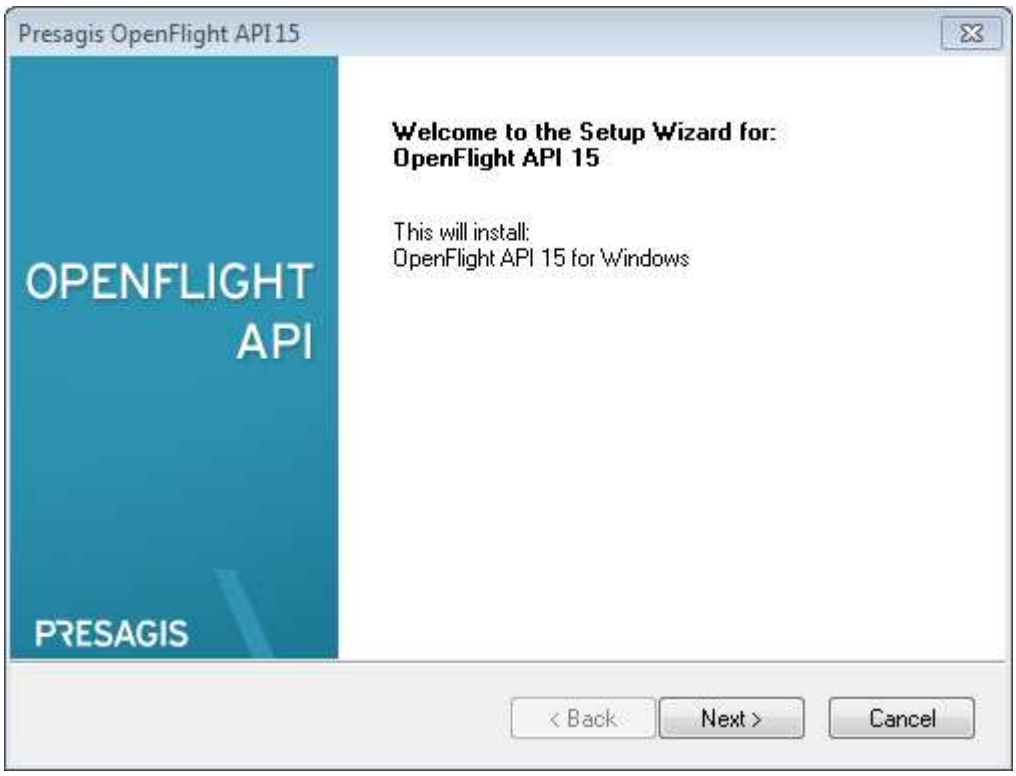
See Installing OpenFlight API on Microsoft Windows.

If you are installing on Linux, the **Introduction** screen opens.

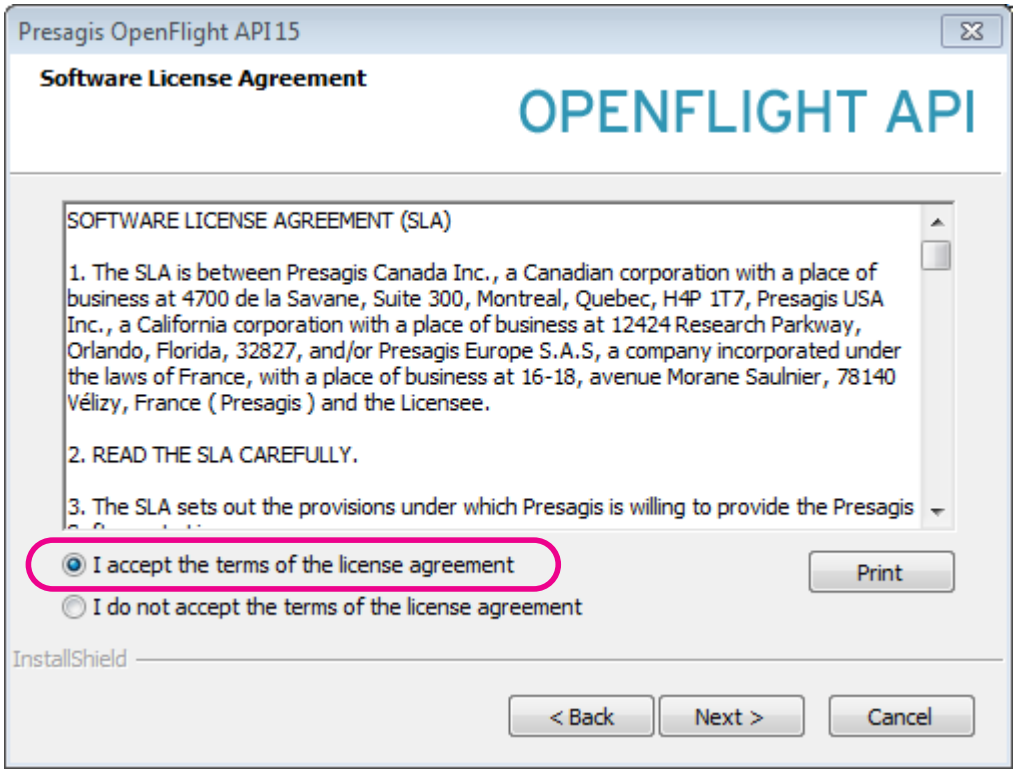
See Installing OpenFlight API on Linux.

Installing OpenFlight API on Microsoft Windows

1 From the **Setup Wizard** screen, click **Next**.



The **Software License Agreement** screen displays.

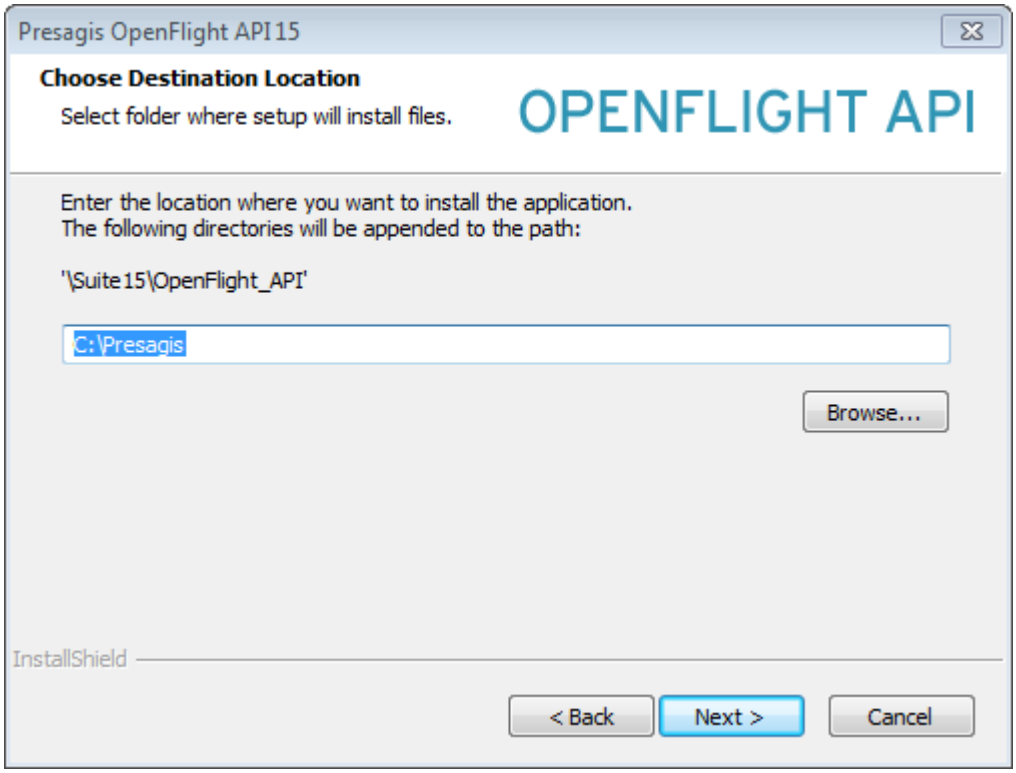


2 Read the **Software License Agreement**, select **I accept the terms of the license agreement**.

> **NOTE**
> If you do not accept the terms of the license agreement, click **Cancel**. The installation process will end.

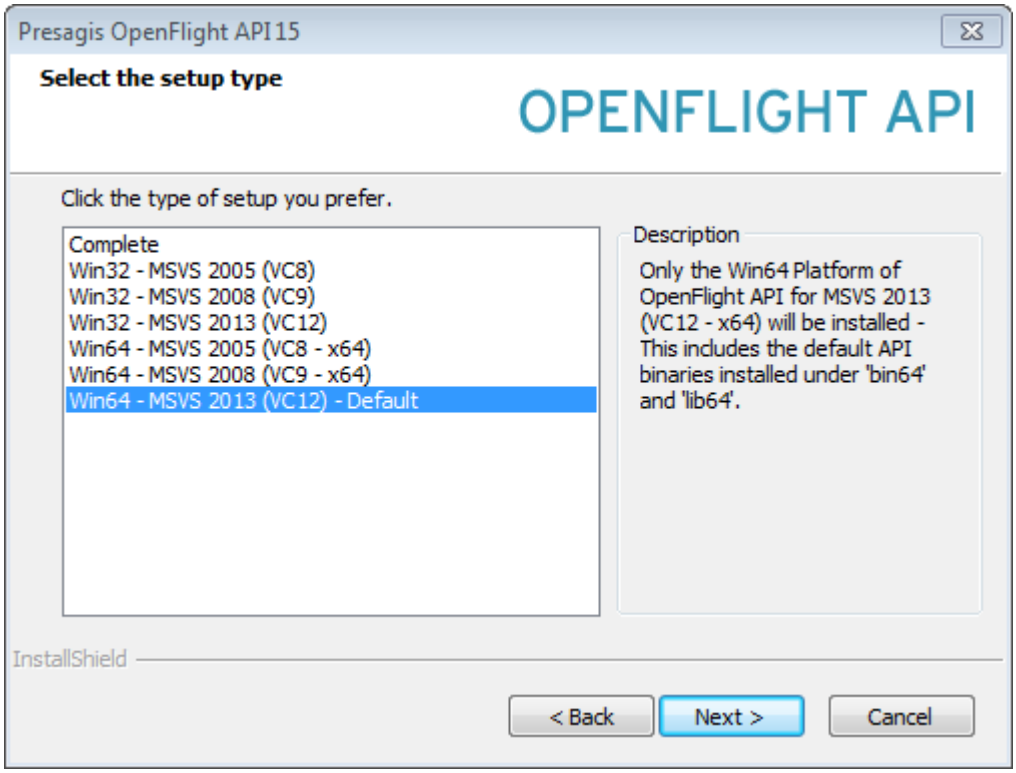
3 Click **Next**.

4 The **Choose Destination** screen displays.



5 Click **Next** to accept the default **Destination folder** `C:\Presagis`, or click **Browse** to choose a different location, then click **Next**.

The **Setup Type** screen displays.



6 Select the **Setup Type**.

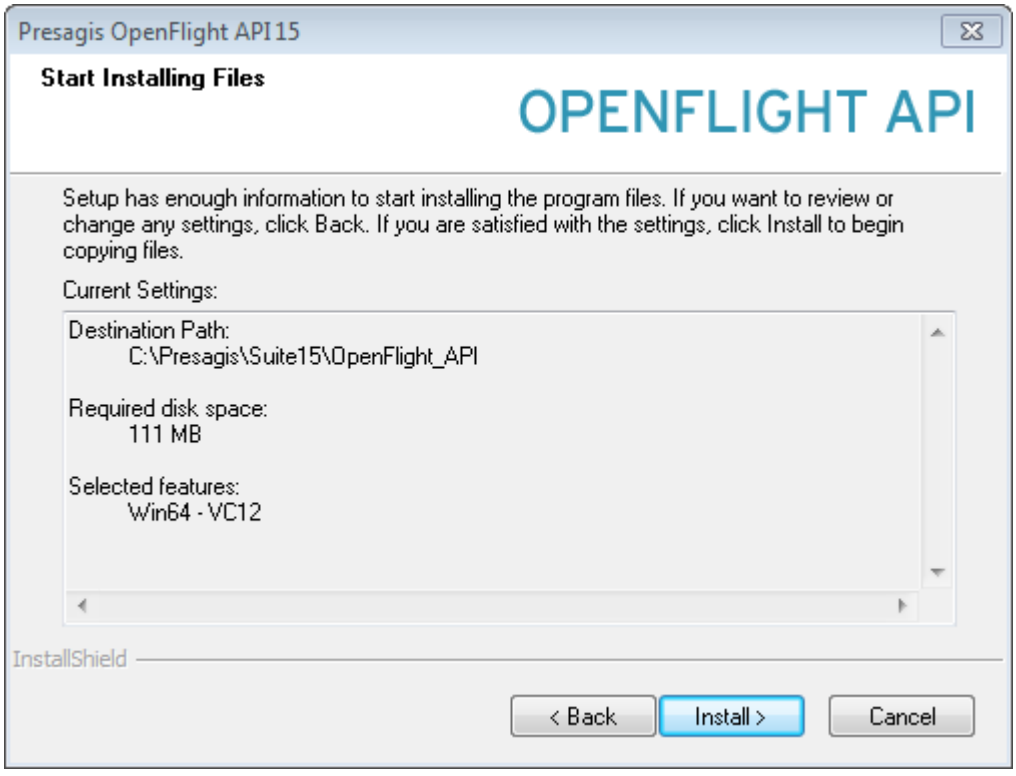
- **Complete** installs all binary formats of the OpenFlight API. Choose this option if you plan to develop applications with multiple Visual Studio compilers. If you choose this option all the binary formats listed below will be installed.
- **Win32 - MSVS 2005 (VC8)** installs 32-bit binaries compatible with Visual Studio 2005.
- **Win32 - MSVS 2008 (VC9)** installs 32-bit binaries compatible with Visual Studio 2008.
- **Win32 - MSVS 2013(VC12)** installs 32-bit binaries compatible with Visual Studio 2013
- **Win64 - MSVS 2005 (VC8 - x64)** installs 64-bit binaries compatible with Visual Studio 2005.
- **Win64 - MSVS 2008 (VC9 - x64)** installs 64-bit binaries compatible with Visual Studio 2008.

- **Win64 - MSVS 2013 (VC12 - x64)** installs 64-bit binaries compatible with Visual Studio 2013.

> **NOTE**
> You need **Win32 - MSVS 2013 (VC12)** if you plan to develop plug-ins for Creator 15 and have installed the 32 bit version of Creator 15. If you have installed the 64 bit version of Creator 15, you need **Win64 - MSVS 2013 (VC12)** to develop plug-ins.

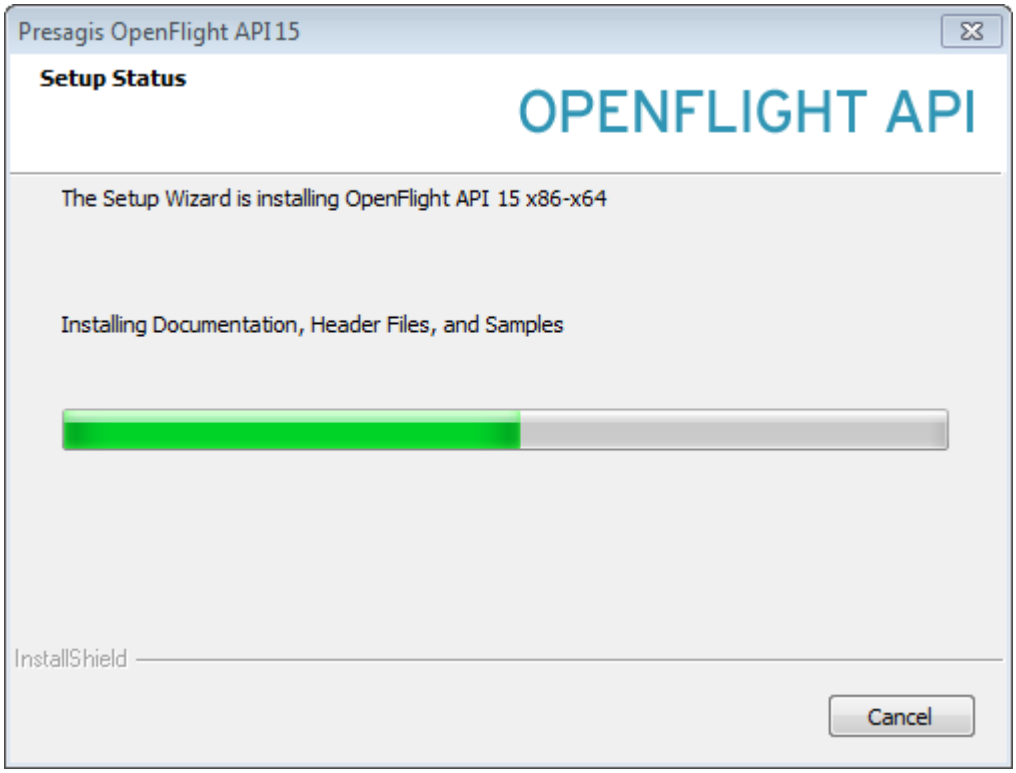
7 Click **Next**.

The **Start Installing Files** screen displays.

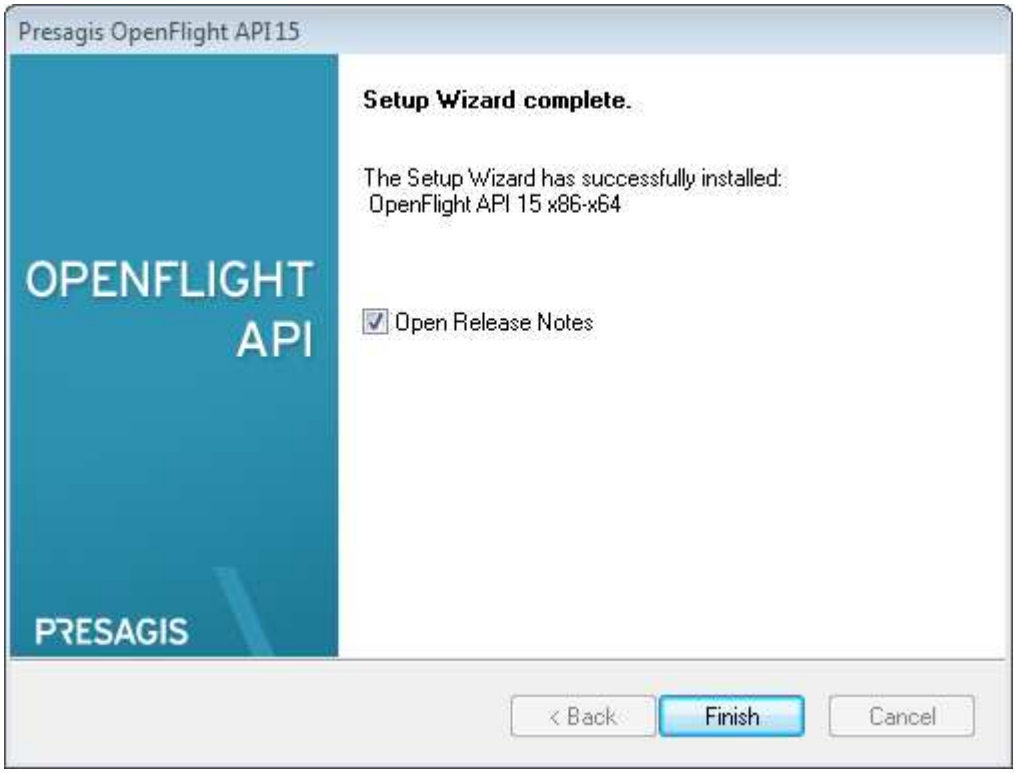


8 Click **Install**.

A status bar displays the progress of the installation.



The **Setup Wizard complete** screen opens when the install is successfully completed.



9 Click **Finish**.

Installing OpenFlight API on Linux

1 From the **Introduction** screen, click **Next**.

> **NOTE**
> It is very important that you are running the installer from a “tcsh” shell terminal.

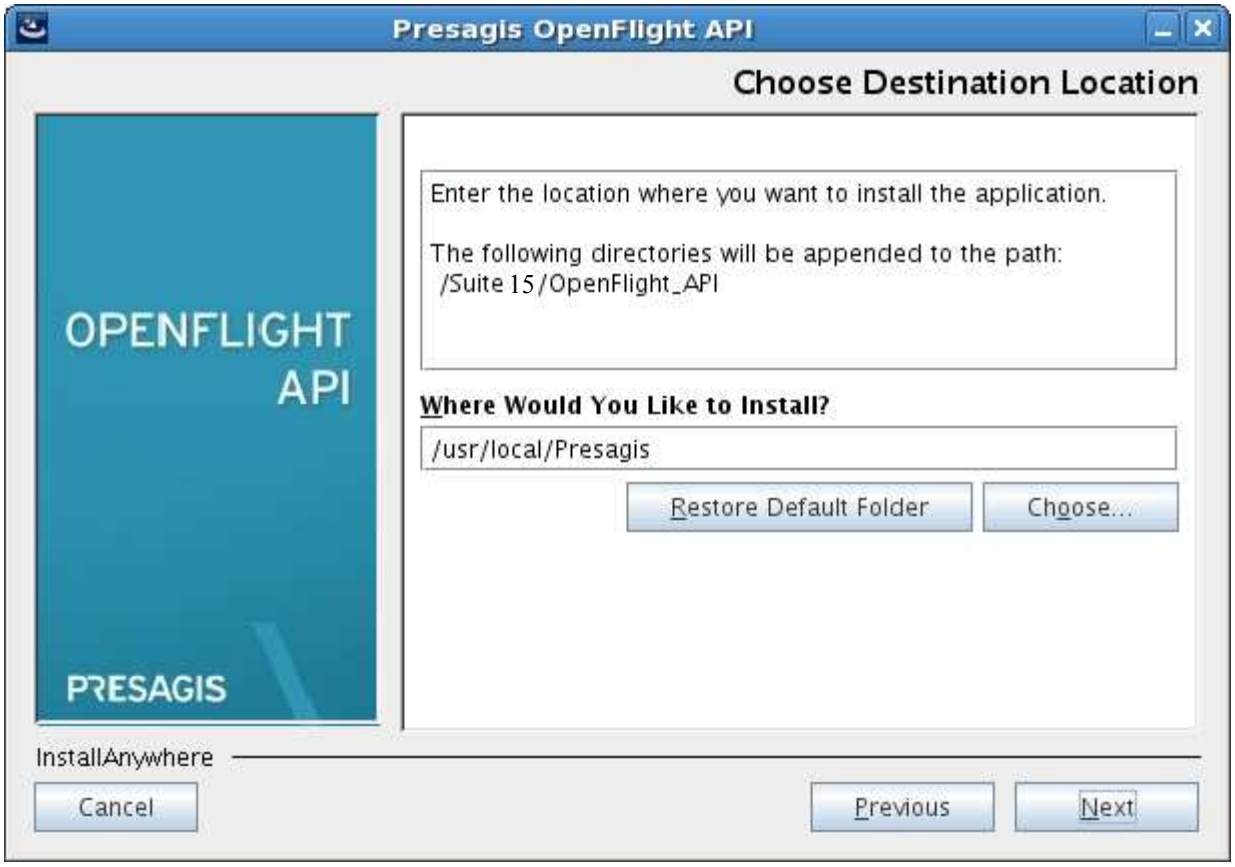
The **License Agreement** screen displays.

2 Read the **Software License Agreement**, select **I accept the terms of the License Agreement**.

> **NOTE**
> If you do not accept the terms of the license agreement, click **Cancel**. The installation process will end.

3 Click **Next**.

4 The **Choose Destination Location** displays.



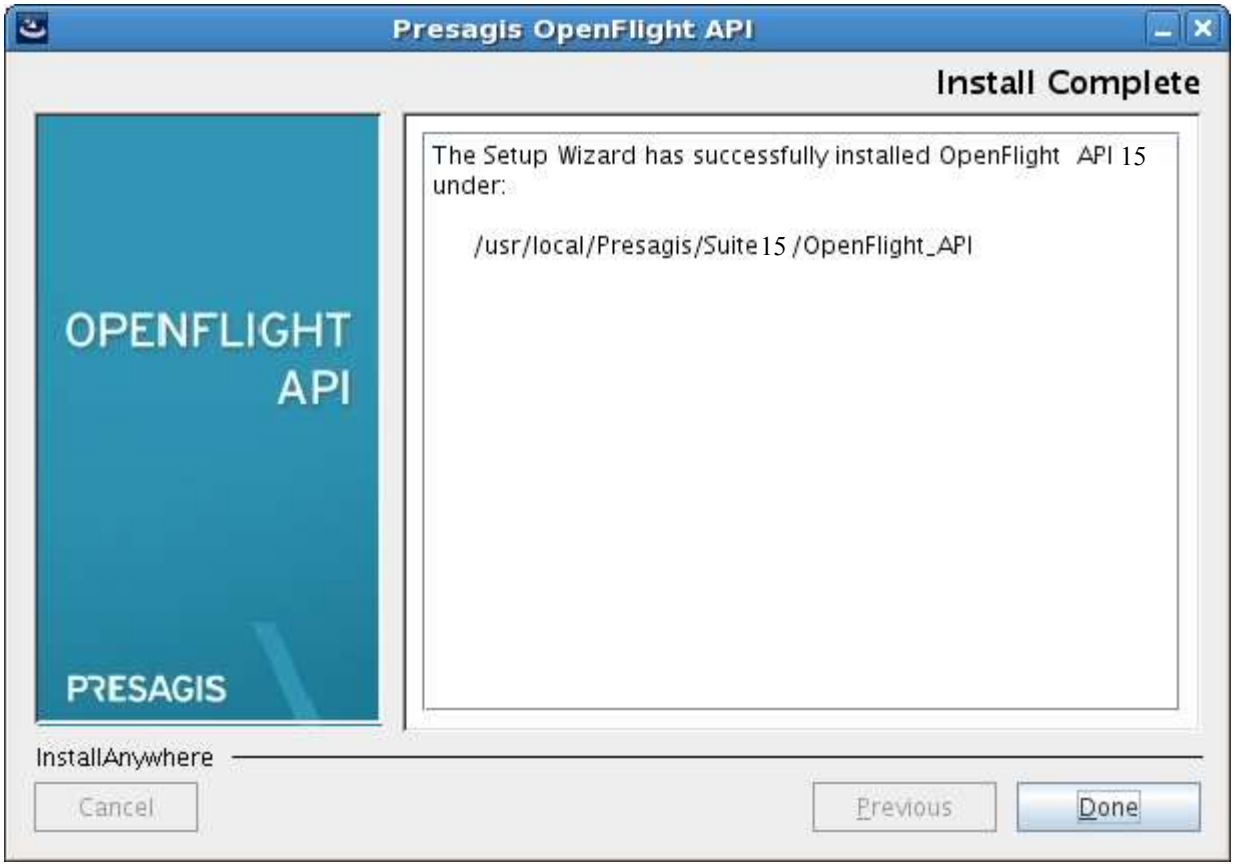
5 Click **Next** to accept the default **Destination folder** `/usr/local/Presagis`, or click **Choose** to choose a different location, then click **Next**.

6 The **Pre-Installation Summary** screen displays.

7 Verify the information displayed is correct and then click **Install**.

A status bar displays the progress of the installation.

The **Setup Wizard complete** screen opens when the install is successfully completed.


Presagis OpenFlight API
Install Complete
OPENFLIGHT
API
PRESAGIS
The Setup Wizard has successfully installed OpenFlight API 15 under:
/usr/local/Presagis/Suite15 /OpenFlight_API
InstallAnywhere
Cancel
Previous
Done

8 Click **Done**.

Uninstalling

To uninstall OpenFlight API, follow the instructions associated with your computer platform:

Microsoft Windows platform

Linux platform

Microsoft Windows platform

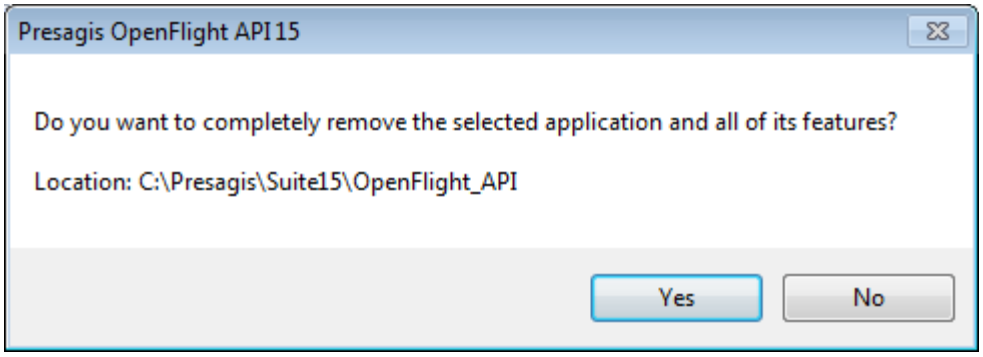
Before uninstalling OpenFlight API, ensure that no applications that might be using the OpenFlight API is running on your computer.

1 From the Windows **Start** menu, choose **Control Panel > Programs > Uninstall a program**.

2 Select **Presagis OpenFlight API 15**.

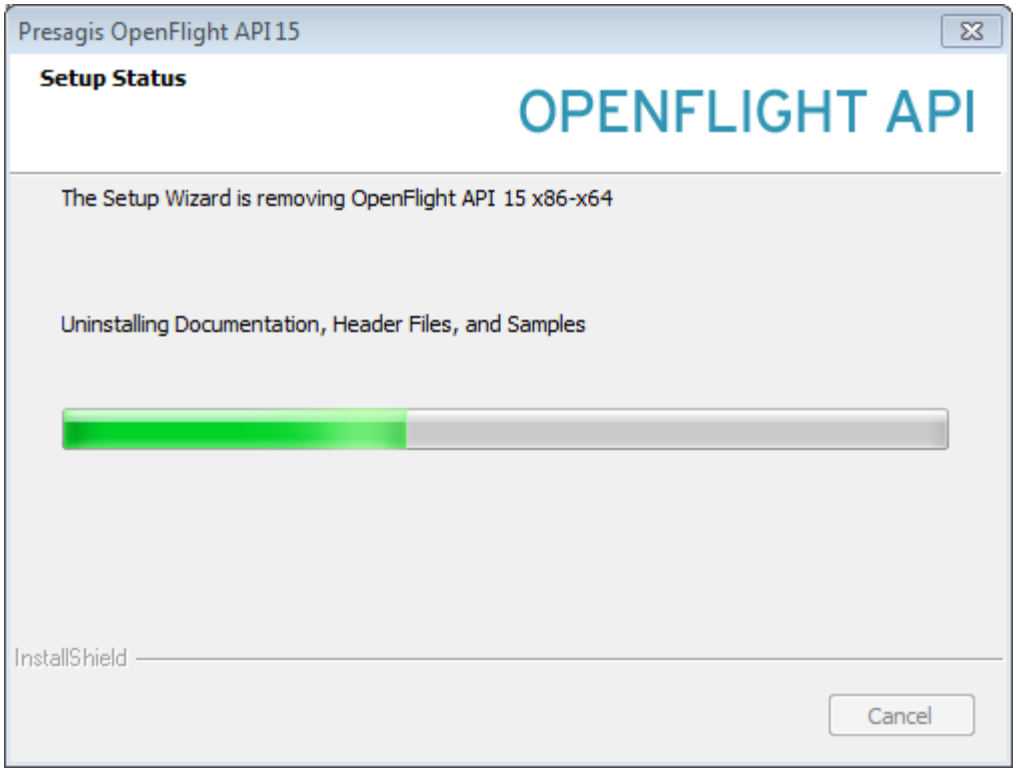
3 Click **Uninstall**.

The **Setup Wizard** opens a dialog box asking you to confirm that you want to uninstall OpenFlight API.

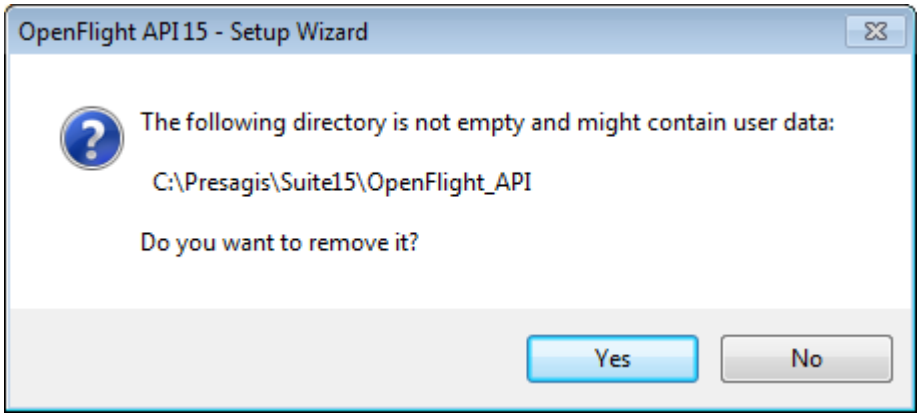


4 Click **Yes**.

The **Setup Status** screen opens. A status bar displays the progress of the uninstallation.

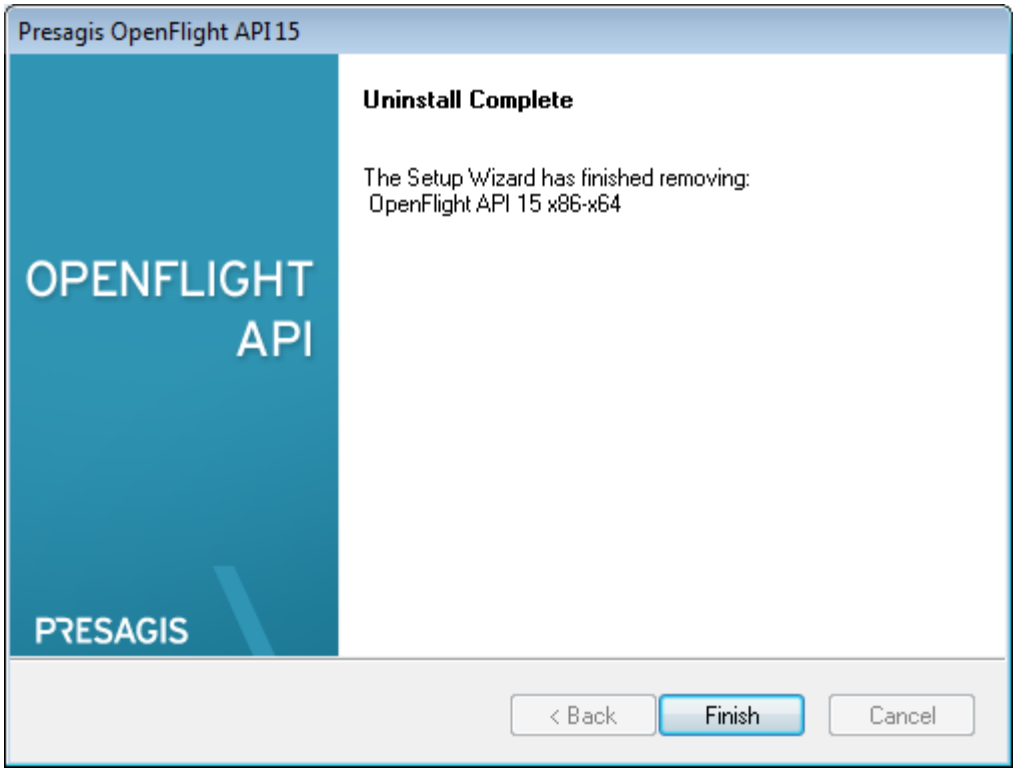


Before the uninstall completes, you will be given the option to remove the original installation folder:



Be aware that if you do this, any files you might have created or modified here will be lost. That includes sample apps and plug-ins or anything else you might have modified in this folder.

When the uninstall is successfully completed, the **Uninstall Complete** screen opens.



5 Click **Finish**.

Linux platform

Before uninstalling OpenFlight API, ensure that no applications that might be using the OpenFlight API is running on your computer.

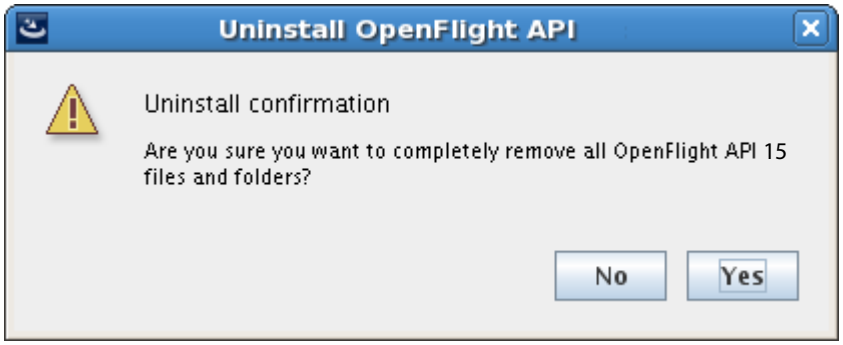
1 Open a “tcsh” terminal (as “root” or another user with full administrative rights).

2 Change directories to where `Presagis/Suite15` is located.

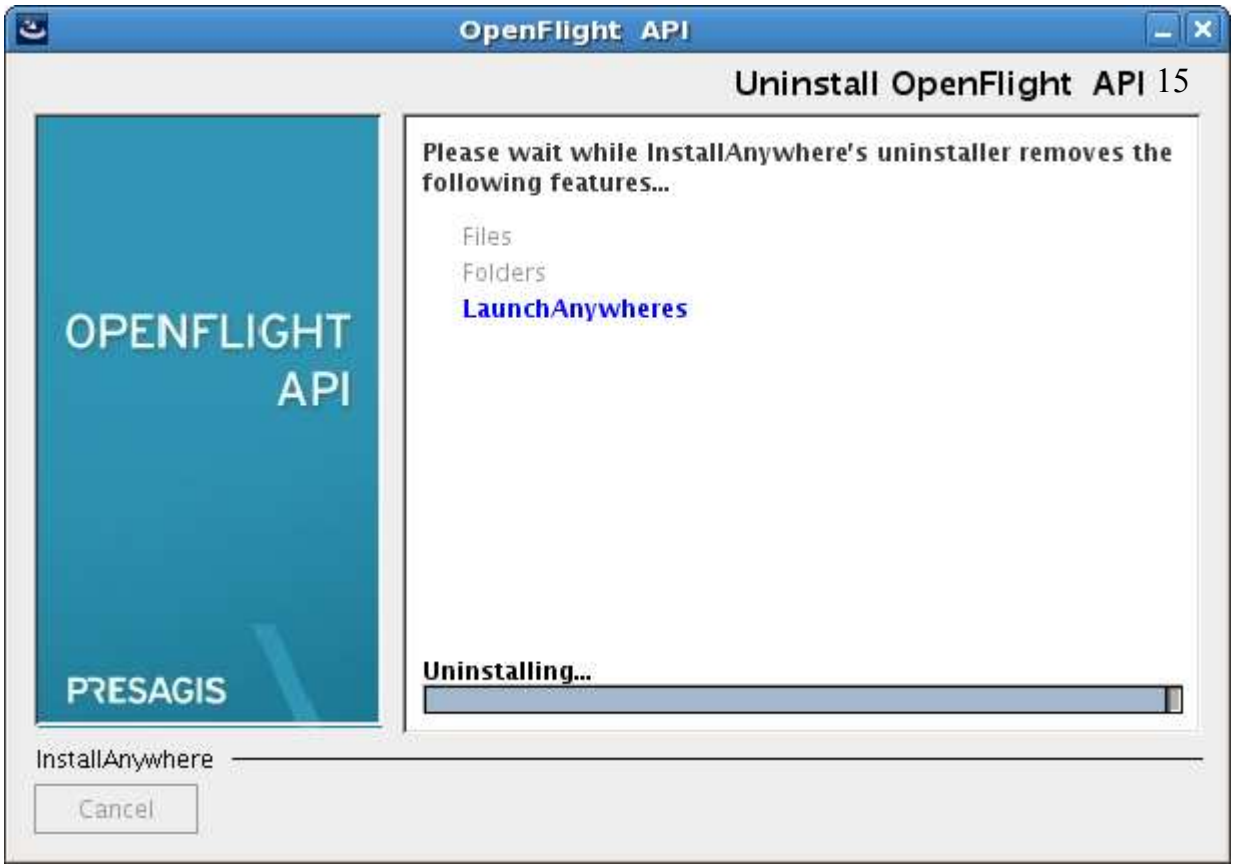
3 Execute the following command:
`./uninstallers/OpenFlight_API/uninstall.bin`

The **Uninstall OpenFlight API** screen displays.

4 Click **Uninstall**. You will be asked to confirm the uninstall.



5 Click Yes. The **Uninstalling progress** screen displays.



6 When uninstall is finished, the **Uninstall Complete** screen displays.

7 Click **Done**. The **Uninstall Complete** screen closes.

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February 4, 2016

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