SuperMap Objects Java 6R
Installation Guide

SuperMap Software Co., Ltd
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Welcome to use the SuperMap Objects Java. The guide book will conduct you how to use the product correctly. Before installation, please ensure your computer meets the minimum system requirements. Please refer to the details of software and hardware below.

1. **System Configuration Requirements**

Before installation, please ensure your computer meets the minimum system requirements. For more details, refer to hardware and software requirements below.

1.1 **Hardware requirements**

Minimum hardware requirements:

- CPU: 800MHz processor
- RAM: 256 MB
- Hard Driver Space: 10 GB

Recommended hardware requirements:

- CPU: 2.00Ghz processor
- RAM: 1 GB or higher
- Hard Driver Space: 40 GB

For the 3D effect displaying, please refer to the following
hardware requirements:

Minimum hardware requirements:
- CPU: 2.00Ghz single core processor
- RAM: 512 MB
- Hard Driver Space: 10 GB
- Video card: 128 MB

Recommended hardware requirements:
- CPU: 3.00Ghz single core processor/2.00Ghz dual core processor
- RAM: 2 GB
- Hard Driver Space: 80 GB
- Video card: 3D graphic accelerator with 256MB RAM

NOTE: Do not run the 3D module in the 16 byte color environment.

1.2 Software requirements

Operating system requirements:
- Microsoft Windows 2000 (SP4 series)
- Microsoft Windows XP (SP2 series)
- Microsoft Windows Server 2003 (SP1 series)
- Microsoft Windows Vista series
- Microsoft Windows Server 2008 series
- Microsoft Windows 7 series

Other software requirements:

Visual C++ 2008 redistributable package (Contained in instal l package)

JDK 1.5 or higher version (JDK 1.6 contained in install pac kage)
Eclipse 3.2 or higher version (For developing user)

2. Before Installation

2.1 Installation Package

There are a couple of ways in which you can get a SuperMap Object Java 6R installation package:

- After you purchase SuperMap Objects Java 6R, you will find an installation disc in the software package.

2.2 Software Licenses

Contact SuperMap by the following ways to get a legal license for using SuperMap Objects Java 6R:

- Tel: +86-10-82736655, Ext. 4107
- Email: request@supermap.com

3. Installation Guide

3.1 Install

Before installation, please ensure your computer meets the minimum system requirements to install SuperMap Objects Java. If so, please follow the steps below to install:

Note that if you have other editions of SuperMap Objects Java installed, please uninstall them first.

Insert the SuperMap Objects Java disk into the CD-ROM drive.
example, F:). Double click setup.exe in the installation directory, and the startup interface is displayed as shown below:

![Image of SuperMap Objects Java 6R installation interface]

The following dialog box pops up. Click **Next** to continue or click **Cancel** to exit setup.
Then the License Agreement dialog box pops up. Read the terms careful. If you agree to them, please click “I accept the terms of the license agreement” and click Next to proceed. If not, please click Cancel to exit.

In the following dialog box that pops up, select your Setup Type.
- **Complete**: Install all features including the application programming library, help documents, sample code, sample data tools.
- **Custom**: Install features selected. Recommended for advanced users.

Continue with the installation. In the following dialog box, click **Next** to install the software in the default directory. You can click the **Browse** button to change the install directory and then click **Next**.
If you have selected the Custom setup type previously, this step also show the Choose Destination Location dialog box, Click **Next** and the following dialog box displays. Select the features you want to install and click **Next**.
Continue with the installation. Then the following dialog box pops up. If you want to modify or review any setting, click **Back**. Or click **Install** to proceed.

The Setup Status dialog box displays.

After installation, if you didn’t install Visual C++ 2008 you will be
prompted to install the Visual C++ 2008 redistributable package, as shown below. Please click **Yes** to install it. You can refer to the following to finish installation.

![Microsoft Visual C++ 2008 Redistributable Setup](image)

*Welcome to Microsoft Visual C++ 2008 Redistributable Setup*

This wizard will guide you through the installation process.
License Terms

Be sure to carefully read and understand all the rights and restrictions described in the license terms. You must accept the license terms before you can install the software.

MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT VISUAL C++ 2008 RUNTIME LIBRARIES (X86, IA64 AND X64)

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

Press the Page Down key to see more text.

I have read and accept the license terms.
After installing the Visual C++ 2008 redistributable package, the
Installation Wizard Complete dialog box displays. Here you can select the check box before “Install SuperMap License Manager Tool” to install the SuperMap License Manager Tool. You can also run the setup.exe under the directory “Install Disk\ LicenseManager\” to install the SuperMap License Manager Tool. Select the check box and click Finish.

Continue with the installation.
Continue with the installation. Click **Next**.

Continue with the installation. Then the License Agreement dialog box pops up. Read the terms careful. If you agree to them, please click “I accept the terms of the license agreement” and click **Next** to proceed. If not, please click **Cancel** to exit.
Continue with the installation. The Installation Instructions dialog box displays. Click **Next**.

Continue with the installation. The Customer Information dialog box displays and type the User Name and the Company Name. Click **Next**.
Continue with the installation. Then the following dialog box pops up. If you want to modify or review any setting, click **Back**. Or click **Install** to proceed.

The Setup Status dialog box displays.
Click Finish. Complete the installation.

After the installation of SuperMap License Manager Tool, the License Configuration tool will run automatically. About this part, please refer to 3.2.
3.2 License configuration

The License Configuration Tool can configure the licenses for the SuperMap product series. For the Windows operating system, two types of license configurations are available: by license file and by hardware key.

Note that for Vista operating system, you must close the UAC or the license configuration and checking are not available.

3.2.1 License File

File license is a license given in the file format that you can use to run the software.

Ensure that you have obtained a license from SuperMap Software Co., Ltd. before you start to configure the license. You could supply your computer name, your company name and user name to the technical support center of SuperMap Software Co., Ltd. to obtain the license file.

- After installing SuperMap products you can click Start > Programs > SuperMap > SuperMap LicenseManager6R > License Manager 6R to run it. In addition, you can use the file LicenseManager6.exe under the directory of %License Manager_HOME%\ to run this tool (FAQ 1)
Enter your computer name, your company name and user name used for applying the license file and choose the relevant license file with the .lic extension.
Click the **Verify** button to check whether the license is valid; If so, the remark “Valid” will appear in the "Status" column, as shown below:

Notes that the license is valid only when the computer name, company name and user name are consistent with that you provided to apply for the license.

Click the **Save** bottom to save the current configuration information in the configuration file (SuperMapLic.ini).

Check the boxes before the products that you want to license. Only the configuration information of the checked products will be saved in the configuration file. Products unchecked are not licensed to use.
Click the **Close** button to exit the License Configuration Tool.

### 3.2.2 Hardware Key

A hardware key is a license provided in the format of encryption key.

There are four kinds of hardware key as available: the stand-alone key, the stand-alone time key, the network key and the network time key.

The stand-alone key has only one license installed on the same computer with the relevant SuperMap product.

The stand-alone time key is similar to the stand-alone key but with a time limit for use.

The network key allows the software to be used by multiple licensed computers. You only need to install the network key license on any computer (called license server) within the network and the other...
computers in the same network are all licensed to use the software. The number of licensed computers is determined by the network key.

The network time key is similar to the network key but with a time limit for use.

The time limit of the time key, usually six years, is controlled by the battery within the key. If the time key expires, you can apply to SuperMap Software Co., Ltd. to extend the time limit. The stand-alone key and the network key do not have any time limit, but note that you can’t change the system time of the licensed computer.

Before using the hardware key you must install the driver. Once you have successfully installed the driver you can plug the hardware key in the parallel port or the USB port of the computer. Currently, SuperMap provides hardware keys of two companies: **Aladdin** and **Sentinel**.

To use the Aladdin HASP stand-alone key and time key, you are required to install the key driver; to use the HASP network key and network time key, both the key driver and License Server software are required to be installed. Their locations are:

**Key driver:**

`%LicenseManager_HOME%\Drivers\Aladdin\HASPUserSetup.exe`

**License Server:**

`%License Manager_HOME%\Drivers\Aladdin\lmsetup.exe`

For the Sentinel hardware keys, you only need to install the key driver, which is located in `%License Manager_HOME%\Drivers\Sentinel\Sentinel Protection Installer 7.5.0.exe`.

After installing the network key on the server, find the item
"SentinelKeysServer" or "HASP Loader" by opening the server management tools in Windows Control Panel > Administrative tools > Services. That server is the service program for network keys. Usually, the system will automatically run this service after the installation is completed. If not, please use the toolbar or click the shortcut on the right button to start.

- After installing SuperMap products you can click Start > Programs > SuperMap > SuperMap LicenseManager6R > License Manager 6R to run it. In addition, you can use the file LicenseManager6.exe under the directory of %License Manager_HOME% to run this tool.

Enter the name of the computer which has the hardware keys or the IP address and select the version of the product.

Hardware Type: There are three types of hardware which are SuperPro, Sentinel and Aladdin. If the user do not know which type is correct, they can select the UnknownHW to query all of the three types. Notes that the speed will be faster when querying if you use the IP
address of the computer which has the hardware keys.

Click the **Query** button and check the current license status. You can stop the query by clicking the **Stop** button. The button of the dialog box shows the key type, the user name and the information of the company.
Click the Save button to save the current configuration information in the configuration file (SuperMapLic.ini). About the details of the configuration file, please refer to 3.3. Check the boxes before the products that you want to license. Only the configuration information of the checked products will be saved in the configuration file. Products unchecked are not licensed to use.
The product licenses you want to configure may be on different servers. In this case, just follow the above steps to configure the product licenses and click Save after each configuration session finishes.

Click the Close button to exit the License Configuration Tool.

### 3.2.3 Configuration Management

The License Configuration tool will create a configuration file SuperMapLic.ini located in %Program Files%\Common Files\SuperMap\License. The file is accessed automatically each time the SuperMap software is launched, to enable the use of the software.

You can manage the file through the Configuration Management tab. Any changes to the configuration will be updated in the file automatically.
On the Configuration Management tab, click the **Refresh** button, and the licensed SuperMap products as well as the License Mode, Expired Date, and other relevant information will be displayed:

You can select any product and click the **Delete** button to delete the configuration for this product. The configuration file will be updated automatically.
Click the Close button to exit the License Configuration Tool.

### 3.3 About Installation Catalog

After you’ve installed SuperMap Objects Java 6R Developer Kit, your computer should have the files below:
• Bin: Store SuperMap Objects Java 6R system files, such as various dynamic link libraries and language packs.
• Documentation: The technology documentations.
• FrameData: The three dimensional frame data.
• Getting Started: Source codes of the Getting Started.
• Help: Help online, CHM format.
• jdk1.6: Store jdk 1.6.
• Sample Code: Demonstration program code.
• Sample Data: The sample data used by the demonstration and Getting Started programs.
• Tools: Store support tools, such as DEPENDS.EXE used for checking the link of dependence between dynamic link libraries, etc.
• license.txt: End user license agreement.
• Readme.htm: This document presents the installation informations of SuperMap Objects Java.
• What's new.htm: This document covers all the new features, improvements and enhancements offered in this new version of SuperMap Objects Java.

4. Update and Uninstall Guide

4.1 Update Guide

The user can modify the installation of the SuperMap Objects Java. Click **Start**→**Control Panel**→**Install/Uninstall**→**Modify**, or run the install program again, then you can modify and repair the installed content.

The user can run the service pack of SuperMap Objects Java to update the product.
4.2 Uninstall Guide

The user can uninstall SuperMap Objects Java from the Control Panel, or by running the install disk.

**Uninstall from the Control Panel**

1. Click **Start**→Control Panel, and open the Control Panel.
2. Double-click **Add** or **Remove** Programs to open the window.
3. On the left of the window, click the **Change** or **Remove** Programs icon, and select the SuperMap Objects Java item in the program list.
4. Click the **Remove**.

**Uninstall by running the install disk**

- If your computer has installed SuperMap Objects Java products, insert the install disk to the CD-ROM drive (e.g. F:), and double click setup.exe, then the following modification page pops up:
Select Remove and click **Next**, then the message box below will be displayed. Click **Yes** if you are sure to uninstall.

Displays the status.
After completing uninstalling successfully, the following page pops up. Click **Finish**.

Note that some files will be created when using SuperMap Objects Java products. They cannot be removed automatically in the process of uninstalling, so you need to remove them manually.
4.3 Uninstall SuperMap License Manager 6R

The user can uninstall SuperMap License Manager 6R from the Control Panel, or by running the install disk.

4.3.1 Uninstall from the Control Panel

- Click Start→Control Panel, and open the Control Panel.
- Double-click Add or Remove Programs to open the window.
- On the left of the window, click the Change or Remove Programs icon, and select the SuperMap License Manager 6R item in the program list.
- Click the Remove.

4.3.2 Uninstall by running the install disk

- If your computer has installed SuperMap License Manager 6, insert the install disk to the CD-ROM drive (e.g. F:), and double click setup.exe, then the following dialog box pops up. Click Yes.

- Displays the processing of uninstalling
• Click **Finish** to complete uninstalling the SuperMap License Manager 6R.