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| test | test | test | test |

Dear sheikh@v25tech.com,  
  
Thanks for your interests in Spire.Doc Pro Edition. Your temporary license file is attached, please check it.  
  
Your license allows 1 developer(s) within a company to use our product Spire.Doc Pro Edition, to acquire priority email support and a one-year subscription for free upgrades to any new versions or fixes that come out during this time. And your license allows deployment of any number of custom applications, utilizing The Product, to 1 Geography location(s).  
  
Download Spire.Doc Pack from <http://www.e-iceblue.com/Download/download-word-for-net-now.html>  
  
How to apply license file?  
  
We recommend you to invoke the method Spire.License.LicenseProvider.SetLicenseKey(String key) to apply your license.  
  
C#:  
//Get the license key from the attached license.elic.xml file.  
Spire.Doc.License.LicenseProvider.SetLicenseKey("your license key");  
  
Spire.Pdf.License.LicenseProvider.SetLicenseKey("your license key");  
  
Spire.Xls.License.LicenseProvider.SetLicenseKey("your license key");  
  
Spire.Presentation.License.LicenseProvider.SetLicenseKey("your license key");  
  
Java:  
//Get the license key from the attached license.elic.xml file.  
com.spire.license.LicenseProvider.setLicenseKey("your license key");  
  
If your application is WinForm Application or Console Application, this code above should be added into the Main method. If your application is Web Application, you need to add Global.asax into your project and add this method code above into the Application Start method.  
  
For more information, please check  
<https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html>  
  
Sincerely,  
  
E-iceblue sales & support team  
  
Contact Us  
Sales: sales@e-iceblue.com | Support: Support@e-iceblue.com | Skype ID: iceblue.support

## **Licensing**

Each product of e-iceblue provides a trial version, every registered user can download them from our site for free. The trial version product will add an extra sheet (in Spire.XLS) or paragraph (in Spire.Doc) with the **Evaluation Warning** to the result file. From Spire.Doc v3.6.0/Spire.XLS v5.8.0/Spire.Office 1.4.0, We deprecated the old username-key registeration method and use a new license file to instead. When you purchase a license, you will get a license file from us. After you apply it, the **Evaluation Warning** will disappear.

This section will show you what is the license file and how to apply the license file. It includes following topics:

* [License File Introduction (.NET)](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Introduction)
* [How to Apply the License File (.NET)](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply)
* [How to Include the License File as an Embedded Resource (.NET)](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Embedded_Resource)
* [How to Apply the License File in a Web Site (.NET)](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply_in_Web_Site)
* [How to Apply the License by license key (.NET/Java/C++/Python)](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply_by_Key)



* [How to Apply two licenses or more (.NET & Java)](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply_two_Licenses)

### **License File Introduction**

The license file is an XML format file that contains details such as the username&email&organization of the purchaser, licensing date, product name, product version, the number of licensed developer, the number of licensed site and so on. The license file is digitally signed, so do not modify it anyway.

You need to apply it before performing any operations with our products, but it's only required once to apply the license file in an application or process.

### **How to Apply the License File**

Performing any operation with our products will lead the license module to check whether the license has been loaded. If not, the license module will try to load it. The license can be loaded implicitly or explicitly from a file, stream or an embedded resource, implicit is default.

***Note****: Whether implicity or explicity, you must apply the license file before you call any of our products.*

#### **Implicit Loading**

In this mode, the license module will try to search the license file in the following locations:

* The folder that contains the entry assembly (your assembly named .exe) in runtime.
* An [embedded resource](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Embedded_Resource) in the assembly that calls our product.
* The folder that contains the assembly of our product (for example: Spire.Doc.dll, Spire.XLS.dll) referenced by your assembly in runtime.
* The folder that contains the assembly that calls our product in runtime.

When you get the license file from us, the default name of it is **license.elic.xml**. You can put it in any location aforementioned. The license module will load it automatically in your application. You can also change the license file name. If you do that, it's required to tell the license module the new file name before you perform any operation with our products, for example:

* C#
* VB.NET

|  |  |
| --- | --- |
| 1 | //Tell the license module that you changed the license file name. |

|  |  |
| --- | --- |
| 2 | Spire.License.LicenseProvider.SetLicenseFileName("your-license-file-name"); |

You can also get the license file name by which the license module search the license, for example:

* C#
* VB.NET

|  |  |
| --- | --- |
| 1 | //To get the default license file name. |

|  |  |
| --- | --- |
| 2 | String fileName = Spire.License.LicenseProvider.GetLicenseFileName(); |

#### **Explicit Loading**

In this mode, the license module will try to load the license from a specified file or stream you provide.

Explicitly specify the license file by a full file name.

* C#
* VB.NET

|  |  |
| --- | --- |
| 1 | //Specify the license file by a full file name. |

|  |  |
| --- | --- |
| 2 | Spire.License.LicenseProvider.SetLicenseFileFullPath(@"D:\myApp\license.lic.xml"); |

Explicitly specify the license file by a FileInfo object.

* C#
* VB.NET

|  |  |
| --- | --- |
| 1 | //Specify the license file by a FileInfo object. |

|  |  |
| --- | --- |
| 2 | FileInfo licenseFile = new FileInfo(@"D:\myApp\license.lic.xml"); |

|  |  |
| --- | --- |
| 3 | Spire.License.LicenseProvider.SetLicenseFile(licenseFile); |

Provide a license data stream.

* C#
* VB.NET

|  |  |
| --- | --- |
| 1 | //Specify the license by a license data stream. |

|  |  |
| --- | --- |
| 2 | Stream stream = File.OpenRead(@"D:\myApp\license.lic.xml"); |

|  |  |
| --- | --- |
| 3 | Spire.License.LicenseProvider.SetLicenseFileStream(stream); |

**See also**: [How to Apply the License by license key](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply_by_Key)

### **How to Include the License File as an Embedded Resource**

Including the license file as an embedded resource into one of the assemblies that calls our products is a good idea. It will make your release and deployment become easier. You don't need to worry about the loss of it any longer. To include the license file as an embedded resource in Visual Studio, perform the following steps:

* In the **Solution Explorer**, right-click your project and click **Add | Add Existing Item...** menu.
* Find your license file in the opend file browser dialog, then click the **Add** button to add it into your project.
* Select the file in the **Solution Explorer** and set **Build Action** to **Embedded Resource** in the **Properties** window.
* If your license file name is not the default file name **license.elic.xml**, invoke [Spire.License.LicenseProvider.SetLicenseFileName](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#SetLicenseFileName) to tell the real name to the license module in your code.



**See also**: [How to Apply the License by license key](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply_by_Key)

### **How to Apply the License File in a Web Site**

If you want to apply the license file in a web site, just copy it into the folder **Bin** which contains the referenced assemblies of your web site.



**See also**: [How to Apply the License by license key](https://www.e-iceblue.com/Tutorials/Licensing/Licensing.html#Apply_by_Key)

### **How to Apply the License by license key**

Sometimes, your application could not read the license file because of lack of permission or other reason. In this case, you can invoke the method Spire.License.LicenseProvider.SetLicenseKey(String key) to apply your license. The parameter ***key*** is the value of the Key attribute of the element License of your license xml file. To make sure that apply the license before any operation with our products, we recommend invoking this method in the top of your entry method.

* C#
* VB.NET

|  |  |
| --- | --- |
| 01 | //Register the license key |

|  |  |
| --- | --- |
| 02 | Spire.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 03 | //Spire.Doc version 11.5.6 or above |

|  |  |
| --- | --- |
| 04 | Spire.Doc.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 05 | //Spire.XLS  version 13.6.0 or above |

|  |  |
| --- | --- |
| 06 | Spire.Xls.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 07 | //Spire.PDF version 9.6.0 or above |

|  |  |
| --- | --- |
| 08 | Spire.Pdf.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 09 | //Spire.Presentation version 8.6.0 or above |

|  |  |
| --- | --- |
| 10 | Spire.Presentation.License.LicenseProvider.SetLicenseKey("your license key"); |

* Java

|  |  |
| --- | --- |
| 01 | //Register the license key |

|  |  |
| --- | --- |
| 02 | com.spire.license.LicenseProvider.setLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 03 | //Spire.Doc version 12.1.10 or above |

|  |  |
| --- | --- |
| 04 | com.spire.doc.license.LicenseProvider.setLicenseKey("Key"); |

|  |  |
| --- | --- |
| 05 | //Spire.XLS version 14.1.3 or above |

|  |  |
| --- | --- |
| 06 | com.spire.xls.license.LicenseProvider.setLicenseKey("Key"); |

|  |  |
| --- | --- |
| 07 | //Spire.Presentation version 9.1.2 or above |

|  |  |
| --- | --- |
| 08 | com.spire.presentation.license.LicenseProvider.setLicenseKey("Key"); |

|  |  |
| --- | --- |
| 09 | //Spire.PDF version 10.1.9 or above |

|  |  |
| --- | --- |
| 10 | com.spire.pdf.license.LicenseProvider.setLicenseKey("Key"); |

|  |  |
| --- | --- |
| 11 | //Spire.Ocr version 1.9.3 or above |

|  |  |
| --- | --- |
| 12 | com.spire.ocr.license.LicenseProvider.setLicenseKey("Key"); |

|  |  |
| --- | --- |
| 13 | //Spire.Barcode version 5.1.3 or above |

|  |  |
| --- | --- |
| 14 | com.spire.barcode.license.LicenseProvider.setLicenseKey("Key"); |

* C++

|  |  |
| --- | --- |
| 1 | //Spire.Doc |

|  |  |
| --- | --- |
| 2 | Spire::Doc::License::SetLicenseKey("your license key") |

|  |  |
| --- | --- |
| 3 | //Spire.XLS |

|  |  |
| --- | --- |
| 4 | Spire::Xls::License::SetLicenseKey("your license key") |

|  |  |
| --- | --- |
| 5 | //Spire.Presentation |

|  |  |
| --- | --- |
| 6 | Spire::Presentation::License::SetLicenseKey("your license key") |

|  |  |
| --- | --- |
| 7 | //Spire.PDF |

|  |  |
| --- | --- |
| 8 | Spire::Pdf::License::SetLicenseKey("your license key") |

* Python

|  |  |
| --- | --- |
| 1 | from spire.xls.common import \* |

|  |  |
| --- | --- |
| 2 | //Spire.XLS |

|  |  |
| --- | --- |
| 3 | License.SetLicenseKey("your license key") |

* If your application is **WinForm Application** or **Console Application**, this code above should be added into the **Main** method.
* If your application is **ASP.NET Application**, you need to add Global.asax into your project and add this method code above into the **Application\_Start** method.
* If your application is **ASP.NET Core Application**, this code above should be added into the **Startup** method of Startup.cs.

### **How to Apply two licenses or more**

When you need to use two products in the same project，such as Spire.Doc and Spire.XLS, Spire.Presentation and Spire.XLS, you need to download [**Spire.Office**](https://www.e-iceblue.com/Download/download-office-for-net-now.html) to use them together and there is no need for you to purchase Spire.Office. Please refer to how to apply two license to use Spire.Office normally by applying the license files you purchased.

If you apply your 2 licenses or more by [license key](https://www.e-iceblue.com/Knowledgebase/Licensing/Licensing.html#Apply_by_Key), you can invoke the following method in the top of your entry method.

* C#
* Java

|  |  |
| --- | --- |
| 1 | Spire.Doc.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 2 | Spire.Doc.License.LicenseProvider.LoadLicense(); |

|  |  |
| --- | --- |
| 3 | Spire.Xls.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 4 | Spire.XLs.License.LicenseProvider.LoadLicense(); |

|  |  |
| --- | --- |
| 5 | Spire.Pdf.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 6 | Spire.Pdf.License.LicenseProvider.LoadLicense(); |

|  |  |
| --- | --- |
| 7 | Spire.Presentation.License.LicenseProvider.SetLicenseKey("your license key"); |

|  |  |
| --- | --- |
| 8 | Spire.Presentation.License.LicenseProvider.LoadLicense(); |

If you apply them by [license file](https://www.e-iceblue.com/Knowledgebase/Licensing/Licensing.html#Apply), you can invoke the following method:

* C#

|  |  |
| --- | --- |
| 1 | Spire.License.LicenseProvider.SetLicenseFileName("license1.elic.xml"); |

|  |  |
| --- | --- |
| 2 | Spire.License.LicenseProvider.LoadLicense(); |

|  |  |
| --- | --- |
| 3 | Spire.License.LicenseProvider.SetLicenseFileName("license2.elic.xml"); |

|  |  |
| --- | --- |
| 4 | Spire.License.LicenseProvider.LoadLicense(); |