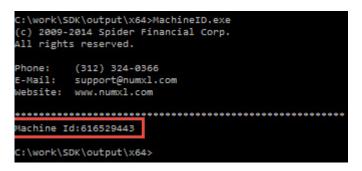# Licensing

Last Modified on 03/13/2016 12:55 pm CDT

The NRE uses the same license key and permissions as our NumXL add-in. To run your custom application on a given machine, you'll first need to acquire a NumXL license key and configure the NRE to use it.

License Configuration

The NRE include a text file called "NumXL.lic". This file is used to store license keys and their activation codes for one or more machines. Now let's open this file and examine one machine account:

```
# MyPC.SPIDERXL.NET
# www.spiderfinancial.com/manual-activation?product_code=
732D&activation_email=tester@numxl.com
[61652|9443]
HOSTNAME = MyPC
EMAIL=   tester@numxl.com
KEY =    79F7-C8-A2-03-732D
CODE =   24a2e0fdfc6f63f7e41bcb9d5e4ba1e7
```

The machine is designated by a unique identifier called "HostId", and is used as the section name in the license file. To query your current machine ID, open the command line window and change the directory to the NRE folder. Now run the utility program "MachineId.exe":

```
C:\work\SDK\output\x64>MachineID.exe
(c) 2009-2014 Spider Financial Corp.
All rights reserved.

Phone:    (312) 324-0366
E-Mail:   support@numxl.com
Website:  www.numxl.com

•••••••••••••••••••••••••••••••••••••••••••••
Machine Id:616529443

C:\work\SDK\output\x64>
```

The program will generate a unique Id for your machine. Use this number and create a new section for this machine.

1. License Key

Whether you are testing out SDK or permanently using it, you'll need to acquire a valid license key.

1. For a trial license, you may use one issued for our add-in, or contact our support staff (support@numxl.com) for a new one.
2. To purchase a license key, please go to our website and place an order for NumXL product. Upon completion, a new key will be generated and sent to your email.

Keep in mind that the license key is associated with the email address used to place the order (or request the trial key). This email is important for future communication, renewals and account activation.
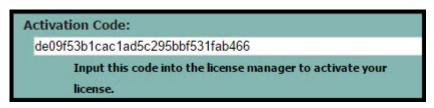
2. Activation Code

To unlock the functionality of NRE, you will need to activate the license key on this machine. To do so, copy the following URL into your internet browser address:http://www.spiderfinancial.com/manual-activation?product_code=31223-200-163

Now, copy the HostId (Machine Id), the license key and your email address into the online form and click "Submit".

Manual Activation

To obtain an activation code, we will need your email address, your license key, and your machine ID (provided in the product License Manager, under Manual Activation). We will then be able to generate an activation code for you.

Email: *
tester@numxl.com
Your email address used for download/purchase.

License Key: *
79F7-C8-A2-03-732D
The license key you want to activate.

Host/Machine ID: *
616529443
Provided in the product License Manager, under Manual Activation

Product Code:
31223-200-163
31223-200-159 value for NumXL 1.59, and 31223-200-150 (or empty) for prior versions

Submit

The online form (i.e. manual activation) will return the activation code. Copy the activation code to the clipboard and paste it into the "NumXL.lic" file.

Activation Code:
de09f53b1cac1ad5c295bbf531fab466
Input this code into the license manager to activate your license.

3. Verify the Licensing Settings

The NRE comes with few utilities programs that we can use to ensure proper setup of the license settings for your machine.
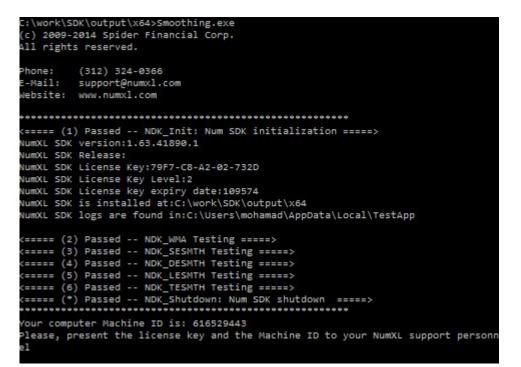
LicenseKey.exe

Open the command window and change current directory to the output path of your NRE:

```
C:\work\SDK\output\x64>LicenseKey.exe
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All rights reserved.

Phone:    (312) 324-0366
E-Mail:   support@numxl.com
Website:  www.numxl.com

************************************************************
License Key is: 79F7-C8-A2-02-732D
```

Assuming the license key and activation code are entered correctly, the program will display the license key string (see above).

Smoothing.exe

Smoothing.exe conducts a series of tests for license settings and different smoothing functions.

```
C:\work\SDK\output\x64>Smoothing.exe
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Phone:    (312) 324-0366
E-Mail:   support@numxl.com
Website:  www.numxl.com

************************************************************
<===== (1) Passed -- NDK_Init: Num SDK initialization =====>
NumXL SDK version:1.63.41890.1
NumXL SDK Release:
NumXL SDK License Key:79F7-C8-A2-02-732D
NumXL SDK License Key Level:2
NumXL SDK License key expiry date:109574
NumXL SDK is installed at:C:\work\SDK\output\x64
NumXL SDK logs are found in:C:\Users\mohamad\AppData\Local\TestApp

<===== (2) Passed -- NDK_WMA Testing =====>
<===== (3) Passed -- NDK_SESMTH Testing =====>
<===== (4) Passed -- NDK_DESMTH Testing =====>
<===== (5) Passed -- NDK_LESMTH Testing =====>
<===== (6) Passed -- NDK_TESMTH Testing =====>
<===== (*) Passed -- NDK_Shutdown: Num SDK shutdown  =====>
************************************************************
Your computer Machine ID is: 616529443
Please, present the license key and the Machine ID to your NumXL support personn
el
```

See Also

[template("related")]