

Navicat Keygen

README

This repository will tell you how Navicat offline activation works.

How does it work?

How to use?

1. Download the latest release [from here](#).
2. Use `navicat-patcher.exe` to replace **Navicat Activation Public Key** that is stored in `navicat.exe` and `libcc.dll`.

```
`````` navicat-patcher.exe [RSA-2048 PEM file] ````
```

- `<Navicat installation path>`: The full path to Navicat installation folder.

**This parameter must be specified.**

- `[RSA-2048 PEM file]`: The full path or relative path to a RSA-2048 private key file.

**This parameter is optional.** If not specified, `navicat-patcher.exe` will generate a new RSA-2048 private key file `RegPrivateKey.pem` at current directory.

**Example: (in cmd.exe)**

```
navicat-patcher.exe "C:\Program Files\PremiumSoft\Navicat Premium 12"
.\RegPrivateKey.pem
```

It has been tested on **Navicat Premium 12.1.7 Simplified Chinese version**. The following is an example of output.

```
MESSAGE: Navicat.exe has been found.
MESSAGE: libcc.dll has been found.

MESSAGE: [Solution0] Keyword has been found: offset = +0x0297a6e0.
MESSAGE: [Solution1] Keywords[0] has been found: offset = +0x02057530.
MESSAGE: [Solution1] Keywords[1] has been found: offset = +0x006c4f89.
MESSAGE: [Solution1] Keywords[2] has been found: offset = +0x02057240.
```

```
MESSAGE: [Solution1] Keywords[3] has been found: offset = +0x006c4f6f.
```

```
MESSAGE: [Solution1] Keywords[4] has been found: offset = +0x0205722c.
```

Your RSA public key:

```
-----BEGIN PUBLIC KEY-----
```

```
MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAt0ZGsX7UoDPuxCfEuw4i
yWDASpwaN19GaPNrTLwz6K7MKXGrAQpYD5gNZ8nGdfRgp52TErTHSNoRjgfpGqK
ApPUISSIanGMcyf/H2b8pGuz1oF19kVKSyZTPaVLbE+1Cw7FULbI04bc64XnWSHo
aQAXrYKGpC7oDomRGMtx28figu3AHAK1UQrcCvE3+0ITTA7X8xaRwz6+gb+uLgCd
iXyRYDodG8i+kk1YIt3f2mt7jH+uEHqBYjIfvvo6g5MZz4KNz7Ewc6+sDy08bmIX
eFnHo6YAgCcaHVvVtGNCxCd105wWHvUN985HHQYnFr7qzJaL9cPb735pP2hb0IXe
ywIDAQAB
```

```
-----END PUBLIC KEY-----
```

```
MESSAGE: Navicat.exe has been backed up successfully.
```

```
MESSAGE: libcc.dll has been backed up successfully.
```

```
.....
```

```
.....
```

```
.....
```

```
Solution0 has been done successfully.
```

```
Solution1 has been done successfully.
```

## 1. Then use navicat-keygen.exe to generate **snKey** and **Activation Code**

```
navicat-keygen.exe <-bin|-text> [-adv] <RSA-2048 PrivateKey(PEM file)>
```

- <-bin|-text>: Must be -bin or -text.

If -bin is specified, navicat-keygen.exe will finally generate license\_file. It is used for Navicat old activation method only.

If -text is specified, navicat-keygen.exe will finally generate a Base64-style string which is **Activation Code**. It is used for Navicat new activation method.

**This parameter must be specified.**

- [-adv]: Enable advanced mode.

**This parameter is optional.** If specified, `navicat-keygen.exe` will ask you input Navicat product ID number, language signature numbers. It is for future use generally.

- `<RSA-2048 PrivateKey(PEM file)>`: The full path or relative path to a RSA-2048 private key file.

**This parameter must be specified.**

**Example: (in cmd.exe)**

```
navicat-keygen.exe -text .\RegPrivateKey.pem
```

You will be asked to select Navicat product, language and input major version number. After that an randomly generated **snKey** will be given.

``` Select Navicat product:

1. DataModeler
2. Premium
3. MySQL
4. PostgreSQL
5. Oracle
6. SQLServer
7. SQLite
8. MariaDB
9. MongoDB
10. ReportViewer

(Input index)> 1

Select product language:

11. English
12. Simplified Chinese
13. Traditional Chinese
14. Japanese
15. Polish
16. Spanish
17. French
18. German
19. Korean
20. Russian
21. Portuguese

(Input index)> 1

(Input major version number, range: 0 ~ 15, default: 12)> 12

Serial number: NAVA-DHCN-P2OI-DV46

Your name:

```
You can use this __snKey__ to activate your Navicat preliminarily.

Then you will be asked to input `Your name` and `Your organization`. Just set
them whatever you want, but not too long.

```bash
Your name: DoubleLabyrinth
Your organization: DoubleLabyrinth
Input request code (in Base64), input empty line to end:
```

After that, you will be asked to input the request code. Now **DO NOT CLOSE KEYGEN**.

1. **Disconnect your network** and open Navicat. Find and click Registration. Fill Registration Key by **snKey** that the keygen gave and click Activate.
2. Generally online activation will failed and Navicat will ask you do Manual Activation, just choose it.
3. Copy your request code and paste it in the keygen. Input empty line to tell the keygen that your input ends.

```
Your name: DoubleLabyrinth
Your organization: DoubleLabyrinth

Input request code (in Base64), input empty line to end:
q/cv0bkTrG1YDkS+fajFdi85bwNVBD/lc5jBYJP0SS5bfl4DdtnfXo+RRxdMjJtEcYQnvLPi2LF0
0B464brX9dqU29/0+A3qstSyhBq5//iezxfu2Maqca4y0rVtZgQSpEnZ0lBNlqKXv7CuTUYCS1pm
tEPgwJysQTMUZf7tu5MR0cQ+hY/AlYQ9iKrQAMhHk1qZslaisi8VsnoIqH56vfTyyUwUQXrFnc41
qG5zZNsXu/NI79J0o7qTvcFHQT/k5cTadbKTxY+9c5eh+nF3JR7zEa2BDDfdQRLNvy4DTSyxdYXd
sAk/YPU+JdWI+8ELaa0SuAuNzr5fEkD6NDSG2A==

Request Info:
{"K": "NAVADHCNP20IDV46", "DI": "Y2eJk9vrvfGudPG7Mbdn", "P": "WIN 8"}

Response Info:
{"K": "NAVADHCNP20IDV46", "DI": "Y2eJk9vrvfGudPG7Mbdn", "N": "DoubleLabyrinth", "O":
"DoubleLabyrinth", "T": 1537630251}

License:
oyoMYr9cfVGXeT7F1dqBwHsB/vvWj6SUL6aR+Kzb0lm5IyEj1CgovuSq+qMzFfx+
oHMFaGKFg6vi0Y2hfJcr02Vdq0hXZS/B/Ie3jBS20v37v8e3ufVajaH+wLkmEpLd
xppCVLkdQjIHYR2IPz5s/L/RuWqDpEY4TPmGFF6q+xQMnqQA3vXPyG+JYMARXLru
```

```
Y1gCDLN30v3Dpy0eqKmFjUqiHK5h8s0NYiH20pMyaCpi12JsF23miP89ldQp3+SJ
8moo0cNGy7sFp2gX9o12zVoo7qxfYlLl03f7CALJ6im0sx4yBsmlzFDdvpQubXk8
YZ5rT4LML2Fx6Wgnnklb5g==
```

1. Finally, you will get **Activation Code** which looks like a Base64 string. Just copy it and paste it in Navicat Manual Activation window, then click Activate. If nothing wrong, activation should be done successfully.