JikGuard Windows Game Protection Guide

Use the JikGuard command-line tool to protect Windows Unity game builds, configure DLL protection, and encrypt Unity AssetBundles.

Set up the tool

Install Java. Keep config.ini in the same directory as JikGuard-Windows.jar. Open the console with administrator privileges. Ensure that protection paths do not contain spaces (for example, Program Files).

Enter your game key

Open config.ini and enter your game key under [gamekey]. If you do not have a game key, contact JikGuard support to request one.

```
[gamekey]
key=YOUR_GAME_KEY
```

Configure DLL protection (optional)

Specify the DLL modules to protect under [protectdll]. The following example selects UnityPlayer.dll and GameAssembly.dll.

```
[protectdll]
1=UnityPlayer.dll
2=GameAssembly.dll
```

Note: Selecting too many modules may increase game startup time.

Configure Unity Mono DLL protection (optional)

For Unity Mono games, specify DLLs in the Managed directory under [dll].

```
[dll]
1=Assembly-CSharp.dll
2=Assembly-CSharp-firstpass.dll
```

Protect a Windows game build

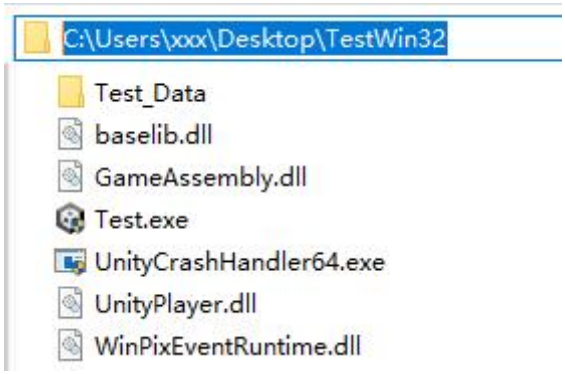
Run the following command with the directory containing the game files. In the command syntax, square brackets indicate an optional argument; do not type the brackets.

```
java -jar JikGuard-Windows.jar -autoconfig -inputfile %inputdir% [-outputfile %outputdir%]
```

Replace %inputdir% with the path to the game directory. Replace %outputdir% with the desired output path, or omit -outputfile and its value to use the default location.

Example input directory:

```
C:\Users\xxx\Desktop\TestWin32
```



Example game directory and files.

Encrypt Unity AssetBundles

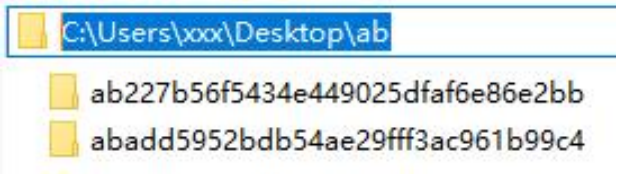
Use the following command to encrypt a ZIP archive of AssetBundle resources or the directory containing them:

```
java -jar JikGuard-Windows.jar -optype_assetbundle_enc -inputfile %inputdir% [-
outputfile %outputdir%]
```

Replace %inputdir% with the ZIP or resource directory path. The output path is optional; if omitted, the tool uses the default location.

Example input directory:

```
C:\Users\xxx\Desktop\ab
```



Example AssetBundle resource directory.

Usage notes

Sign protected EXE and DLL files using your own signing process to help reduce antivirus false positives.

For other questions, contact service@jikguard.com or use the WhatsApp support QR code below.

JikGuard support on WhatsApp.