Evolution Tables User Manual

https://evolution-tables-list.herokuapp.com/#/

1   TARGETS:

The program could be used for:

- Creation, sorting and filtering of tables lists per casino instance.
- Preparing Excel reports.
- Bulk assign and unassign tables for specified operator.

2   REQUIREMENTS:

- Internet connection – must.
- Java version 11 – must. *
- Evolution Local Server – must. *
- Connected GlobalProtect VPN – will be needed for some operations.

* Will be explained below.

2.1   JAVA VERSION 11

Open a command window or terminal and enter:
 	
```> java -version```
 	
If Java is installed and the PATH is configured correctly, output will be like:
 	
```java version "1.8.0_31"```
```Java(TM) SE Runtime Environment (build 1.8.0_31-b13)```
```Java HotSpot(TM) Client VM (build 25.31-b07, mixed mode, sharing)```
 	
Otherwise, you'll see an error message like the one below:
 	
```'java' is not recognized as an internal or external command,```
```operable program or batch file.```
 	
The exact messages will vary depending on the operating system used and the Java version installed.

In case if you see "Java is not recognized" message or Java version is lower than 11.x.x you need to install and configure Java 11 on your computer.

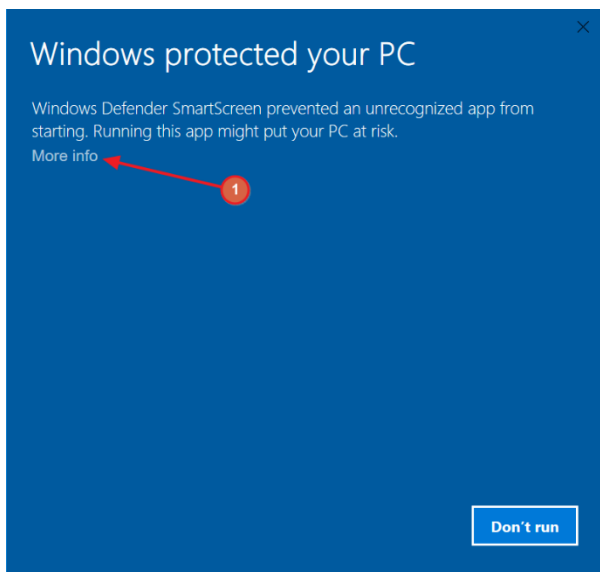You may request it from IT team or to make it by yourself by downloading and running file from this link.

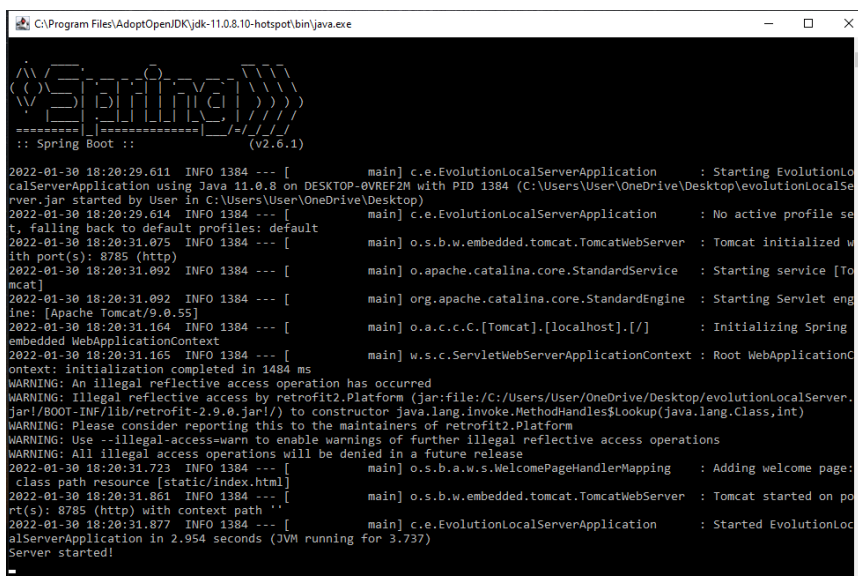## 2.2 EVOLUTION LOCAL SERVER

2.2.1 Getting Local Server and Start working
Local Server exists in two variations. You may download them from links below.

- Self-extracting EXE file
- Executable JAR file

EXE file is more comfortable to use, it has an interface window but more often will be blocked by security programs. Some of those blocks could be bypassed.
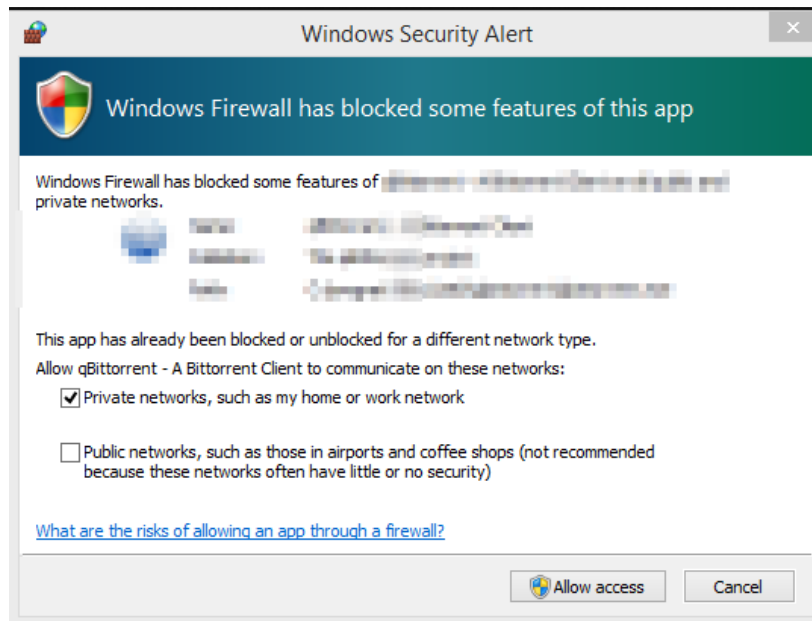

If you will run EXE file, you'll see next:

If you will run JAR file – you'll see nothing. The only indication that server runs in case if you used JAR file - the existence of process, named **javaw.exe**. You may find it, using Task Manager.

However, when you will run Evolution Local Server for the first time, you will get an alert from Windows Firewall.

Be sure that your Internet connection is set as Private Network. In case if you unable or do not want to set your Internet connection as Private, also mark the second checkbox, related to Public Networks.

Press **Allow access**

After that you will need to restart the Local Server.

2.2.2 Restarting or Closing Local Server

At some cases you will need to close or restart Local Server. For example – version update.

If you use the EXE file, just close the server window (black one) and run Evolution Local Server again, if needed.

In case if you use JAR file you may or manually close the process named **javaw.exe** via Task Manager or to use for it a special program, which you may download from here.
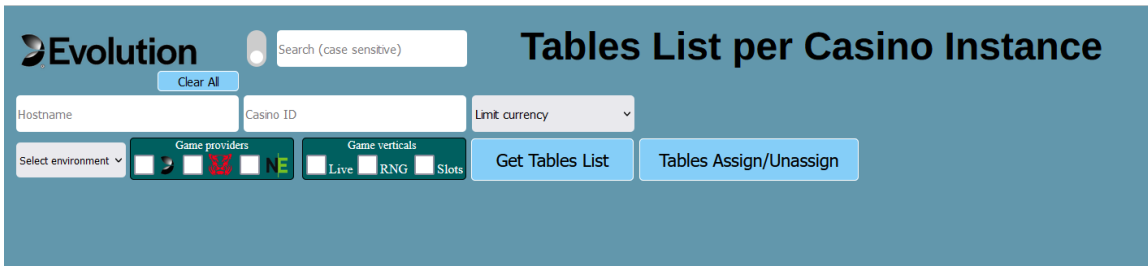
WARNING!

This program will close all Java processes, running on your computer.

Then run JAR file again, if needed.

3 WORK PROCESS:

3.1 TABLES LIST PER CASINO INSTANCE

3.1.1 Mandatory fields
To get tables list you must provide a program with next information:

- **Operator's host name. ***
- **Casino ID. ***
- **Environment.**
- **Token * ****

* Could be found in BO

** Field for token will exist in case if you select environment other than UAT. For UAT token value will be set automatically.

3.1.2 Non mandatory fields
With the help of next settings, you will be able to constrain, shrink or widen the resulting table.

- **Game providers and Game verticals** – allow you to choose which game providers and/or game types will be presented in report. <mark>If nothing selected, only Evolution game provider will exist in report.</mark>
- **Limit currency** – allows you to select a currency from list. If currency selected, the additional column named **Limits in {Currency Name}** will be added to the report. There will be minimum and maximum limits set for each table. <mark>In case, if limits are irrelevant (e.g., for slots) there will be N/A.</mark>

> After generating the report Limit currency field will be blocked. You will not be able to change the currency until you will press ⟲ symbol. It will eliminate current report and reset the currency. After that you will be able to change currency and rebuild the report.

After setting those fields press **Get Tables List** button. If everything was set correctly the report will appear on the screen. Otherwise, you will see an error message.

3.1.3   Error messages

Error messages can be of three types:

- Program messages
- BO Server responses
- Evolution Local Server Exception

3.1.3.1   Program messages

Those messages usually inform you that something prevents program from normal work process. For example:

> **Error!**
>
> ⊗ Hostname incorrect or missing.
>
> OK
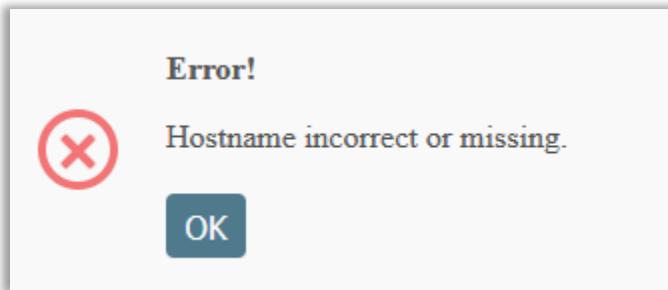
3.1.3.2   BO Server responses

Those messages are started from word **Response** and containing responses received from Evolution BO server. It means, that program itself worked correctly, but BO server returned error. For example:

> **Error!**
>
> ⊗ Response{protocol=http/1.1, code=429, message=Too Many Requests, url=https://whitehatgaming.uat1.evo-test.com/api/lobby/v1/whitehatgaming01/state?gameProvider=evolution,red tiger,netent}
>
> OK
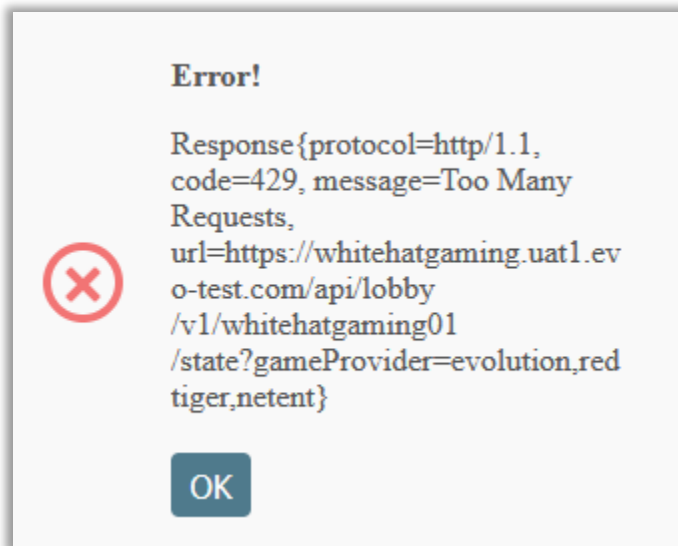
Tip: Error 401 usually means that something wrong with token

3.1.3.3 Evolution Local Server Exception

Error message for this type of errors:
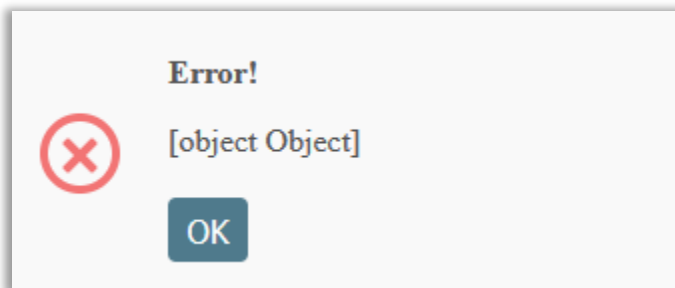
Error says that some data, sent to the Local Server led it to crash. Contact the program developer for more information.

3.1.4 Sorting

The report could be sorted by any column except of **Images** one. It could be done in increasing or decreasing order by clicking on a corresponding column's header. Once done, sorting cannot be cancelled, you may just change the column, by which sorting is applied.

<mark>If you need to get unsorted list – press **Get Tables List** button again.</mark>

Sorting for Limits column will be made by average value between minimum and maximum. Also, by applying sorting on Limits column you may collect all tables having limits on the top of report and tables without limits on bottom or vice versa.

Sorting for Skins column will be made by summarized number of assigned and blocked sites for the table. Also, by applying sorting on Sites column you may collect all tables without skins on the top of report and tables without limits on bottom or vice versa.
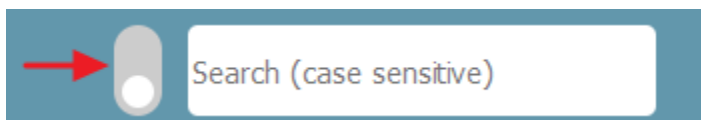
3.1.5 Filtering (Search)

There are two types of filtering available for the report.

- Search
- By skin

You may switch between of them by using toggle switch near the Search field.

3.1.5.1 Search (toggle off)

Allows you to shrink the report by typing the value to search within Search field. Lines, not containing the value will be hidden.

Search is case sensitive!

It's highly recommended to use more than three symbols as search value, otherwise the result may be not 100% correct.

3.1.5.2 By Skin (toggle on)

Allows you to leave on screen only the tables, relevant for the specified skin.

For this type of filtering only numbers are allowed.

Both filter types giving an indication, how many tables were found and how many of them are currently shown. For example:

136 tables found, 18 shown
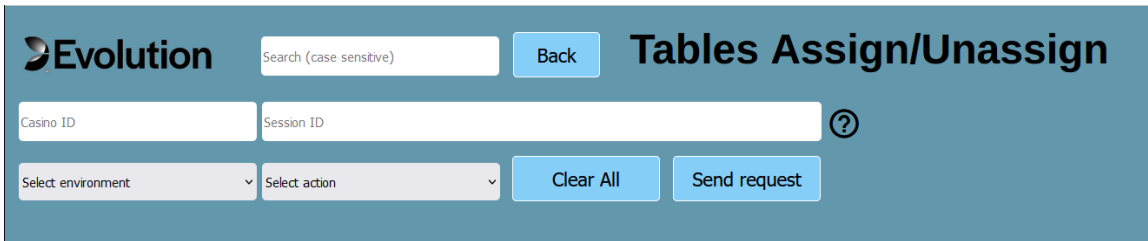
3.1.6 Excel Report

After successfully getting the report, program provides you with possibility to get this report as Excel file (xlsx). You can get file by clicking an Excel icon, which will appear after report appears on screen.

Excel file will fully repeat the report, existing on the screen. So, you may use Sorting and Filtering to make it look, as you want.

File name will contain Casino ID, date and UTC time, when file was created. In case if you used Filtering by Skin the Skin number will be added to the file name.

3.2 TABLES ASSIGN/UNASSIGN

Allows you to make a bulk assign or unassign of tables for specified operator.

There are two ways to get to this page.

- From TABLES LIST PER CASINO INSTANCE page
- By direct link https://evolution-tables-list.herokuapp.com/#/tables-assign

3.2.1 Mandatory fields

- **Casino ID** *
- **Session ID**
- **Action**
- **Environment**

* Could be found in BO

3.2.1.1 Session ID
Letter-numerical sequence, generated by BO server after you pass the authentication.

> Instructions, how to get **Session ID**, could be found by pressing on ⓘ button near the corresponding field.

3.2.1.2 Action
There are two action types available:

- Unassign *
- Assign

* Could be performed only for tables list, created on the main page

3.2.1.2.1 Unassign
<mark>Action is available only for tables list, prepared on the TABLES LIST PER CASINO INSTANCE page.</mark>

After you prepare the tables list there you will be able to export it to the Tables Assign/Unassign page by pressing **Tables Assign/Unassign** button.

Casino ID and Environment also will be exported and set automatically.

<mark>You will not be able to change them for Unassign action.</mark>

3.2.1.2.2 Assign

Assign action will require from you a list of Table ID to be assigned. IDs in list could be separated by comma, whitespace or arranged as column.

After you provide a valid list, table of tables for assign will be created automatically.

3.2.2 Additional options

3.2.2.1 Search
Works analogically with Search on the main page.

Filter gives an indication how many tables were found and how many of them are currently shown. For example:

136 tables found, 18 shown

3.2.2.2 Copy and Copy Selected
Each table's header cell contains button named Copy. It allows you to copy a column content into the exchange buffer (same as <CTRL> + <C>).

If you will check any checkbox in left column of the table, the button named Copy Selected will appear. It will copy to the buffer only selected lines.

Copy and **Copy selected** works *only* for those lines, which are shown. So, if you simultaneously use Search, you may shrink the copied list.

3.2.2.3 Select All
If you need to select/unselect all lines, you may click on cell, named **Select all** in table's header.

Select all works *only* for those lines, which are shown. So, if you simultaneously use Search, you may shrink the selection.

3.2.3 Send request
Before sending request, you should define, which tables it will include. You will need to mark them by checking the checkboxes in corresponding lines. You also may use the Search as auxiliary function.

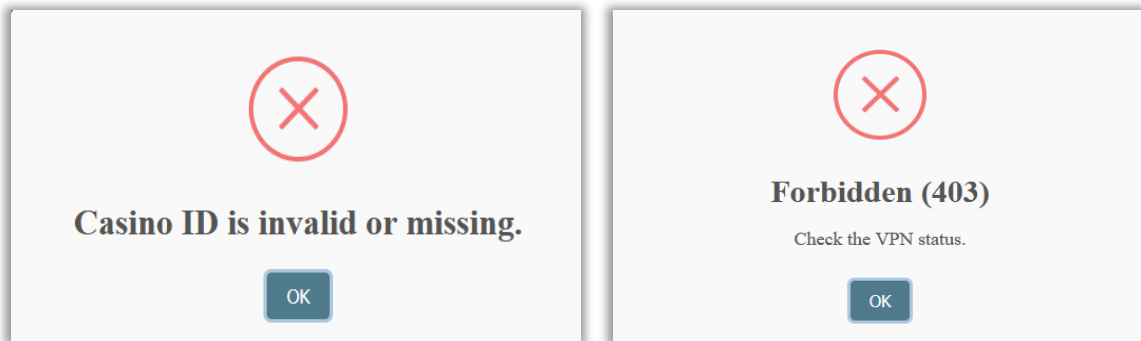**Request will be sent *only* for shown and selected tables.**

When you selected the tables, push **Send request** button.

3.2.4 Messages
After you click on **Send request** button and will confirm the action (if needed), you will see a message.
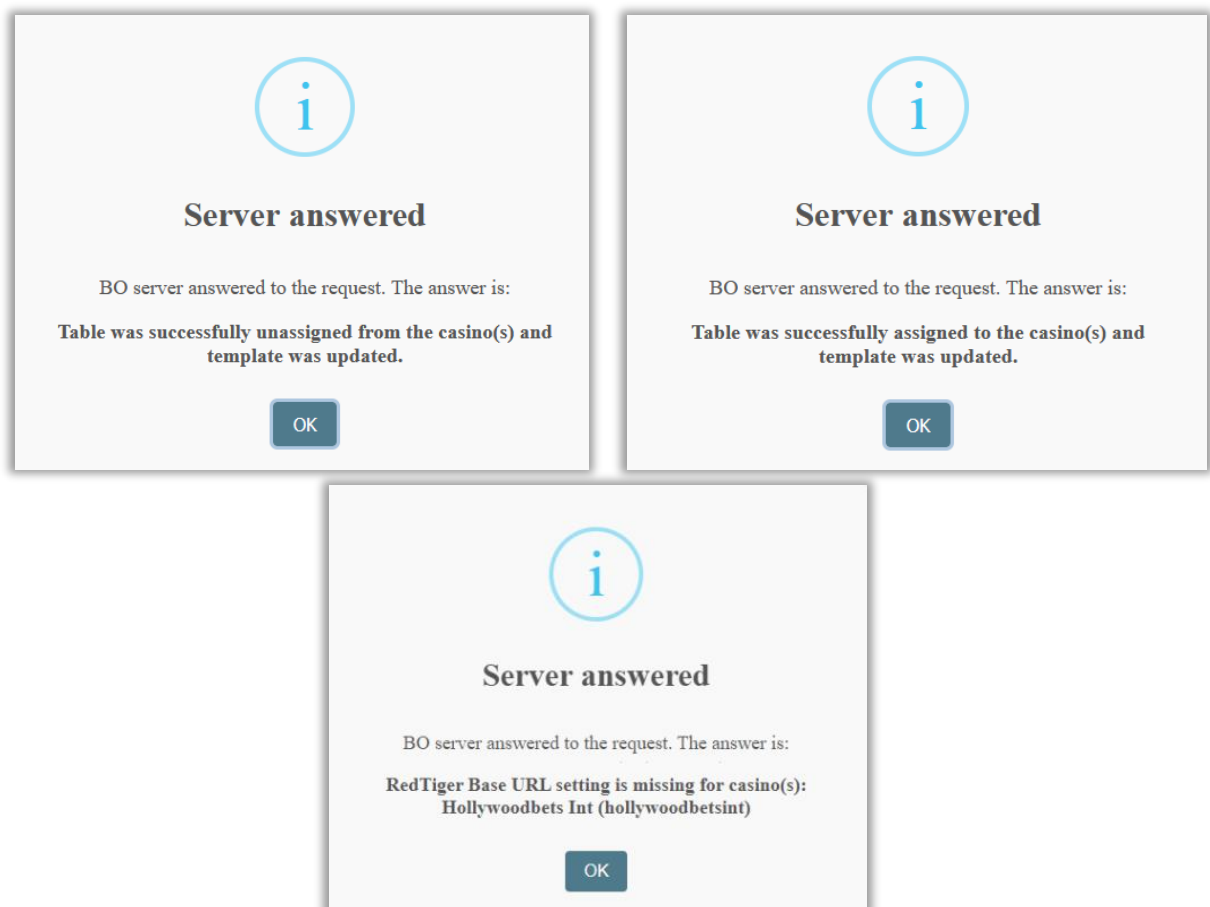
3.2.4.1   Program messages

Those messages usually inform you that something prevents program from normal work process. For example:
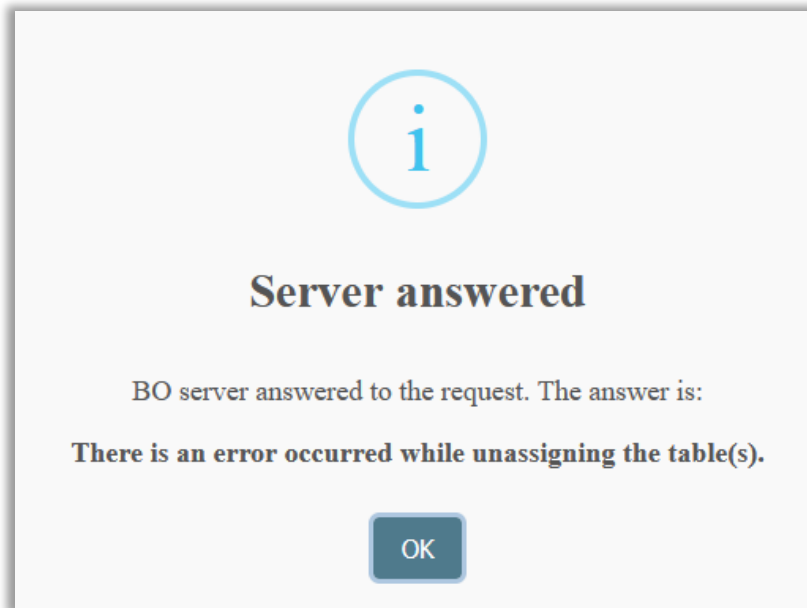

3.2.4.2   BO Server responses

Those messages are started from words **Server answered** and containing responses received from Evolution BO server. It means, that program itself worked correctly and request was sent to the server. For example:

However, sometimes server's answers are not clear or even could be empty. For example:

i

Server answered

BO server answered to the request. The answer is:

There is an error occurred while unassigning the table(s).

OK

Unfortunately, there is not any indication about the reasons of those errors. The only way to locate the table, leading to the error – it's to constrain the tables list or even to send requests one by one, for each table separately.