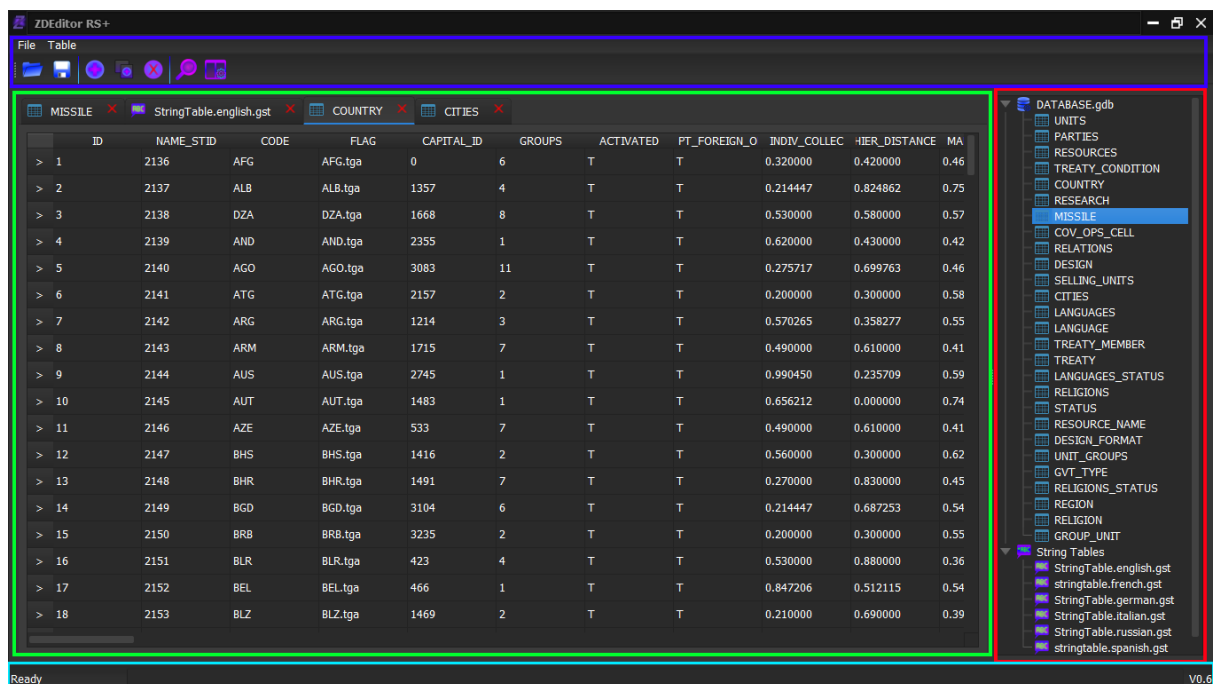


ZDEditor RS+

Tired of the GLEditor always crashing at random and nonsensical moments, being a general bitch? Want faster operations? Easier and better editing?

ZDEditorRS+ is a complete rewrite of ZDEditor in the modern Qt framework, allowing for faster and easier editing.

This document will teach you how to use it.

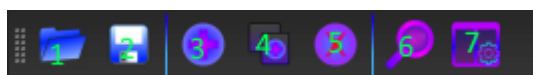


Green: The tabbed table editor.

Red: The workspace, where you see and select what tables to edit.

Blue: Toolbars and menus, which serve many functions.

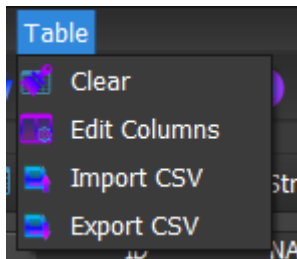
Cyan: The status and progress bar.



1. Opens a file
2. Saves the current file
3. Adds a new empty row to the current table
4. Duplicates a row

5. Removes the selected row(s)
6. Opens the **Search Tool**
7. Opens the **Column Editor**

The toolbar can be repositioned using the grip on the far left.



Clear: Clears the current table of all rows

Edit Columns: Opens the Column Editor

Import CSV: Adds to the current table from a CSV

Export CSV: Exports the current table to a CSV file

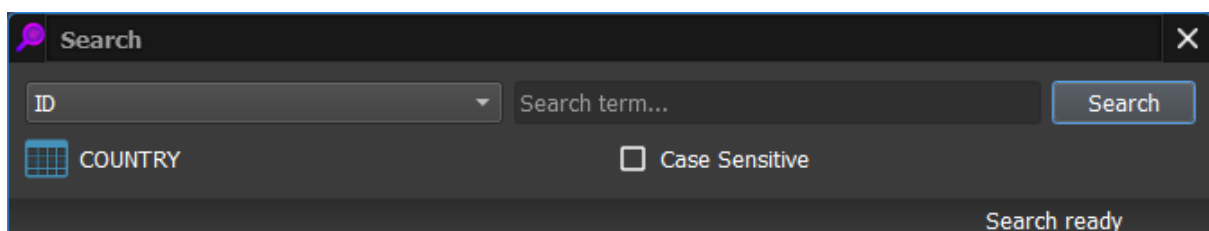
Editing the Table

Double click on a cell to edit it. To end editing after clicking, you can press the mouse on another entry or hit the Enter/Return key. If you want to select multiple cells editing, you either:

1. Hold click and drag to select multiple
2. Hold CTRL/Shift and select. The edit box will not appear when any of those keys are being held
3. Click the horizontal or vertical table headers.

After finishing the edit of a cell, the editor automatically validates the input to make sure it's the proper type for the column (can't type "HELLO" into a number field). If the entry is invalid, it will show an error and reset the edit.

Search Window



The combo box left of the search term is the column to search in. You can see an icon and COUNTRY below it; that shows the table that it will search in.

“Case sensitive” is self-explanatory, if it’s checked the case will matter.

Note that you can have multiple search windows at the time and that they require the table to be open in a tab; otherwise, it will fail.

COUNTRY									
NAME_STID	CODE	FLAG	CAPITAL_ID	GROUPS	ACTIVATED	PT_FOREIGN_O	INDIV_COLLEC	HIER_DISTANCE	
2136	AFG	AFG.tga	0	6	T	T	0.320000	0.420000	
2137	ALB	ALB.tga	1357	4	T	T	0.214447	0.824862	
2138	DZA	DZA.tga							
2139	AND	AND.tga							
2140	AGO	AGO.tga							
2141	ATG	ATG.tga							
2142	ARG	ARG.tga	1214	3	T	T	0.570265	0.358277	
2143	ARM	ARM.tga	1715	7	T	T	0.490000	0.610000	
2144	AUS	AUS.tga	2745	1	T	T	0.990450	0.235709	
2145	AUT	AUT.tga	1483	1	T	T	0.656212	0.000000	
2146	AZE	AZE.tga	533	7	T	T	0.490000	0.610000	
2147	BHS	BHS.tga	1416	2	T	T	0.560000	0.300000	

The search results will be highlighted in blue, and one can navigate the results by pressing the Search button, or the Enter key. The active result will be marked in red, as seen here.

Verify Table



COUNTRY_VLOG.txt		
4	Invalid	Float at row: 3 col: 82
5	Invalid	Float at row: 4 col: 82
6	Invalid	Float at row: 5 col: 82
7	Invalid	Float at row: 6 col: 82
8	Invalid	Float at row: 7 col: 82
9	Invalid	Float at row: 8 col: 82
10	Invalid	Float at row: 9 col: 82
11	Invalid	Float at row: 10 col: 82
12	Invalid	Float at row: 11 col: 82
13	Invalid	Float at row: 12 col: 82
14	Invalid	Float at row: 13 col: 82
15	Invalid	Float at row: 14 col: 82
16	Invalid	Float at row: 15 col: 82
17	Invalid	Float at row: 16 col: 82
18	Invalid	Float at row: 17 col: 82
19	Invalid	Float at row: 18 col: 82
20	Invalid	Float at row: 19 col: 82
21	Invalid	Float at row: 20 col: 82
22	Invalid	Float at row: 21 col: 82
23	Invalid	Float at row: 22 col: 82
24	Invalid	Float at row: 23 col: 82
25	Invalid	Float at row: 24 col: 82
26	Invalid	Float at row: 25 col: 82

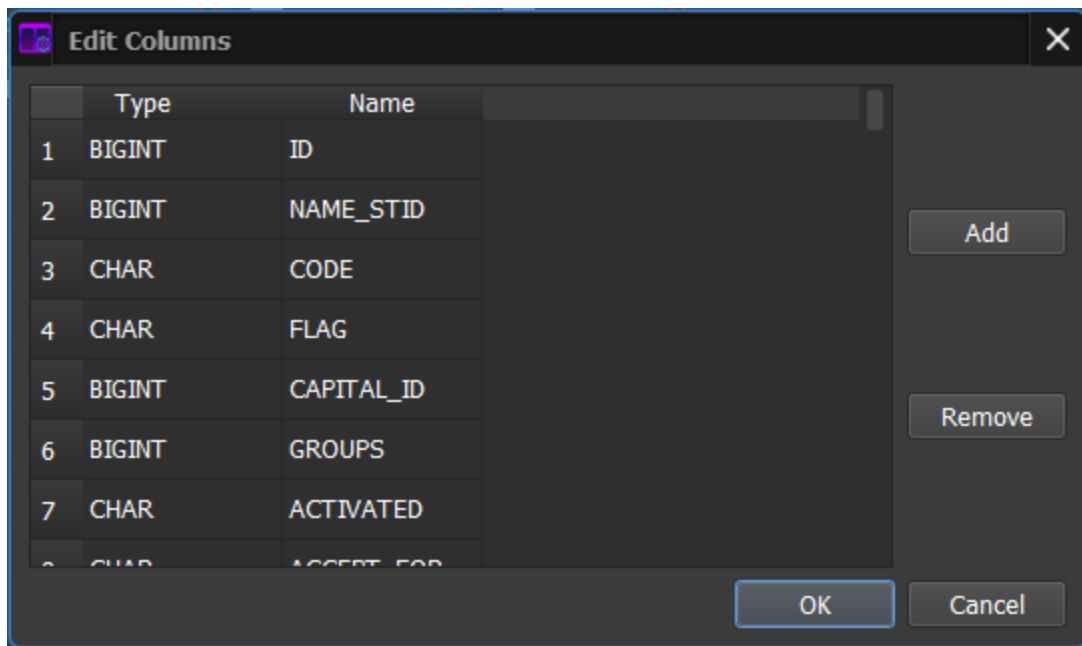
A naughty table

In the toolbar, you will find a flashlight icon like the one above. This will search the current table for errors, such as empty values or invalid data in fields and if found, export a file detailing all those errors and where they were found. In addition, it will highlight errors in red.

Note that the feature isn’t guaranteed to find 100% of issues, but it may be worth a try.

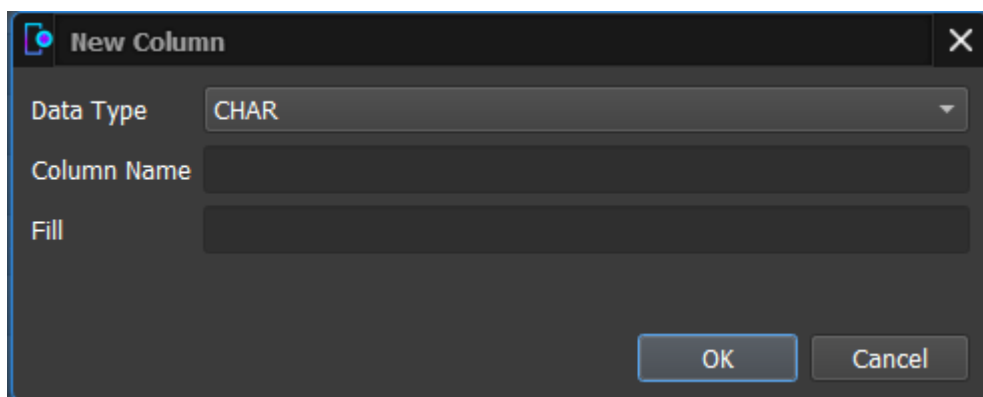
Column Editor

The column editor allows for editing columns of the current table.



Remove: Removes the currently selected column(s)

Add: Adds a new column:



Data Type: The data type of this new column

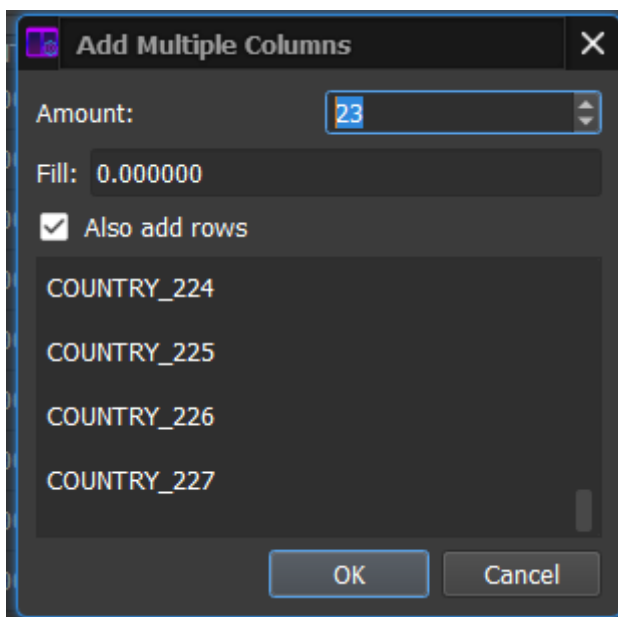
Column name: The name of this column. It can't have spaces nor exceed 32 characters in length

Fill: The column's cells will get filled with this value. This is an obligatory field, it can't be empty and make sure it coincides with the data type.

Upon clicking OK on the Column Editor dialog, the changes will be applied. Otherwise, they are dumped.

Adding Multiple Columns

To a RELATIONS table



In the **Tools** menu you may find an option called "Add multiple columns". This one can only be done to a RELATIONS table, and is there to add multiple listings to it just in case that is required (for example, having a script that adds a lot of countries), it can also add rows.

The tool automatically fetches the highest value of COUNTRY_ value, the range it has to add and displays a preview.

If **Also add rows** is checked, it will add rows, on the ID column with the ID alone

(for example, COUNTRY_224's ID listing would be simply 224) and fill all other columns, including the new ones, so that there are no empty spaces.

After pressing **OK**, the editor will add and automatically fill the columns and rows, if specified.



Go To String

In the toolbar, you'll find the above icon. Either:

- Select a numerical String ID field in any other table while having a string table open in another tab, then click or use SHIFT + S and it will send you to where that String ID is used
- Select a string in the string table, use it, and it will search the open tables for any occurrence of its ID being used, and if successful, show you.