



# R10Clean v3 Reviewers Guide

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## Product

R10Clean Version 3 Professional  
Build: 3.2.1  
[www.r10clean.com](http://www.r10clean.com)

## Platform(s)

Macintosh OSX  
Windows XP / Vista / 7 / 8  
Linux

## Contact

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## Product Registration Details

Sent Separately via Email

## Product Price

£10 Single User (2 Computers)  
£100 Site License

## Trial Version

Available for Download  
Restricted to 50 Rows

## Initial Release Date

23rd February 2009

## Support

Via Email:  
[support@artenscience.com](mailto:support@artenscience.com)  
Skype:  
StevenCholerton

## Development Environment

REALStudio

## Development Platform

8 Core Mac Pro: OSX

## Document Revision

1.0.1

## OVERVIEW

R10Clean is a Cross Platform Utility designed to make it straightforward to clean, manipulate, de-duplicate or fix large amounts of data.

Data can be imported from a CSV, TAB Delimited or Text file, modified (any column, any row) and then saved back in several different formats including native Excel (XLS), TAB Delimited and Comma Separated. You can also save the modified file using your own Custom Delimiter.

## WHO IS IT FOR

For anyone frustrated with Spreadsheet tools who needs to clean, fix, de-duplicate or generally manipulate structured or unstructured data.

If you are working with databases then unless you are a programmer it is usually far easier to extract the data and work with it in the familiar columns / row format when the data needs to be checked and / or cleaned.

If working in Marketing and buying in lists for mail-merge purposes, R10Clean gives you the facilities you need to make the data clean and consistent, before you put it into your database.

An IT Systems Integrator may be responsible for transferring data from a legacy system to a newer more modern solution. R10Clean will be invaluable for tidying up those export files.

Data Controllers, Report Writers, IT Departments, DBA's - anyone who has to deal with data on a regular basis.

## INSTALLATION

R10Clean does not require installation. Unzip the downloaded file and drag the R10Clean folder to wherever you require.

## LICENSING

You can license the product by inputting your Username and Serial into the Preferences window, or if you have been given a license file, just drag it into the folder with the executable program.

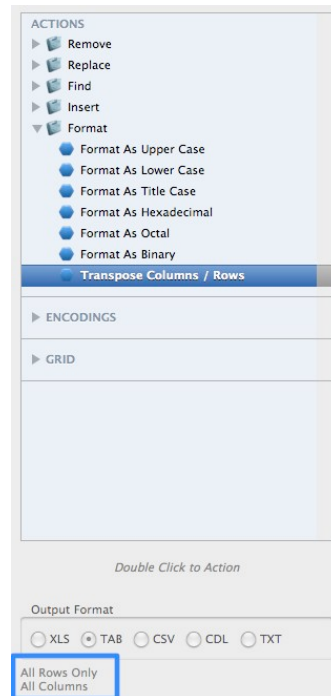
## FUNCTIONALITY

R10Clean supports the following Actions:

- Remove
- Replace
- Find
- Insert
- Format



Each Action has several associated Tasks. Generally speaking each task will manipulate the data for the selected rows and either the selected column, or all columns. There are some exceptions however. As you select each Task the scope of the Task is shown on the lower right hand side of the screen.



In the following paragraphs I have explained the functionality of several of these tasks.

Action: REMOVE

Task: Remove Leading and Trailing Spaces

This task is applied to selected rows only, and either a single selected column or all columns. This task will look for and remove leading or trailing spaces. Data from third party sources can often be plagued by hidden spaces.

Action: REPLACE

Task: Replace Text

This task is applied to selected rows only, and either a single selected column or all columns. This task will do a Find and Replace on your the grid.

Action: FIND

Task: Find Duplicate Rows - Specific Columns

This task is applied to all rows only, and selected columns. This task will search for and highlight the rows that are duplicates, based on the specific columns you have selected.

Action: FIND

Task: Count Occurrences

This task is applied to selected rows only, and either a single selected column or all columns. This task will search for and count the occurrences of a specific numeric or alphanumeric value. Often used for analysing data for scientific or research purposes.

Action: INSERT

Task: Insert Left Padding, Align Right

This task is applied to selected rows only, and a specific column. This task will pad out the contents of the selected column to the character width you specify. The character that will be used for padding is setup within the Preferences screen. Usually you will be using a space character for padding.



Action: **FORMAT**

Task: **Format as Title Case**

This task is applied to selected rows only, and either a single selected column or all columns. This Task will convert the text from, for example: *STEVE cholerton* to *Steve Cholerton*. This is extremely useful for tidying up data prior to importing into a database.

Action: **FORMAT**

Task: **Transpose Columns / Rows**

This task is applied to all rows / all columns only. This task takes the rows and converts them to columns and vice versa. Due to the grid allowing 60 columns only, using this function you can only convert data sets that have a maximum of 60 rows. A future version of R10Clean will use a new grid which will make this facility far more powerful. You can see the transpose Task in action in the screenshots below:

*Before*

0	1	2	3	4
1	1090	45CS 2CABIN	45CS 2 cabin layout	384
2	1094	45CS 3CAB	45CS 3 cabin layout	384
3	1099	50CS 3CABA	50CS 3 cabin layout A	384

*After*

0	1	2	3
1	1090	1094	1099
2	45CS 2CABIN	45CS 3CAB	50CS 3CABA
3	45CS 2 cabin layout	45CS 3 cabin layout	50CS 3 cabin layout A
4	384	384	384

## **ADDITIONAL INFORMATION**

R10Clean can open the following kinds of files:

- Tab Delimited
- Comma Separated
- Text

R10Clean can save in the following formats:

- Excel (XLS)
- Tab Delimited
- Comma Separated
- Text
- Custom Delimited

## **DOCUMENTATION HELP AND SUPPORT**

- R10Clean comes with a manual in PDF format.
- The Help system can be accessed from the Help button on the Toolbar.
- Email support can be accessed from the Support button on the Toolbar.