Reg SR Help

About Reg SR:

Reg SR Version 1.0.0

Reg SR is a windows registry search and removal tool application. It is not meant to be used by the inexperienced IT, or inexperienced home user. If used incorrectly, the windows registry could be seriously damaged. It is highly recommended for anyone using Reg SR that they create both a system restore point, and complete registry backup before running Reg SR.

Search Results:

All Registry search & removed results are saved to C:\ProgramData\Data folder.

Graphics:

See Reg-SR GUI at end of document for visual help

Search List Viewer:

This viewer displays the currently loaded registry search and removal list. The user must select at least one search (mandatory) with the mouse. Three maximum selected searches with the mouse are allowed. See format below.

Example:

Active List
Name1
Name2
Name3
Name4
Etc.

Reg SR Settings:

There are five Reg SR settings which can be set, and are automatically saved and reloaded for future Reg SR secessions. The Reg SR settings will be enabled / disabled (dimmed) for certain run-time conditions.

Registry Access Settings:

Registry Database Selection:
Selecting these radio buttons will select Reg SR to search / remove registry keys, sub keys, and values. HKEY_CLASS_ROOT, HKEY_CURRENT_USER, HKEY_LOCAL_MACHINE, HKEY_USERS, and HKEY_CURRENT_CONFIG are supported. This is a mandatory setting in order run Reg SR.

Show Details:
Shows the Reg SR search and removal results in the active console. Checking this box enables this function.

Show Messages:
Show Messages property will disable the "Show Results" property, and will Show all the Reg-SR search and removal messages in the active console. Checking this box enables this function.

Show Results:
Show Results property will disable the "Show Messages" property, and will only display the search and removal results in the active console. Checking this box enables this function.

Search Encrypted:
Search Encrypted property will enable the Reg-SR tool to search all encrypted binaries with the search criteria. This property is disabled when removing registry keys, and values. The decryption algorithm is a simple decryption algorithm, therefore there is a level of error. It may be possible to find incorrect searches when this property is set. However test have shown that it is greater 100% effective in finding correct values as well. Use with extreme caution and knowledge for what is being search for and why?

Search BagMRU / Bags Binaries:
Search BagMRU / Bags Binaries property will enable the Reg-SR tool to search all binaries including BagMRU and Bags with the search criteria. This property is disabled when removing registry keys, and values. Most BagMRU and Bags registry settings are encrypted, so for best results it should be used with the Search Encrypted property. Use with extreme caution and knowledge for what is being search for and why?

Search and Remove:
Checking this box enables Reg-SR to delete the found registry key, sub key or value without prompting user for approval. Prompting for removal of registry items is not supported. See below for file save format. Checking this box will disables the "Search Encrypted", "Search BagMRU / Bags Binaries", and the "Create Registry Flat file Database" for registry database security reasons. To search only, leave this box unchecked. A removal list is created in C:\ProgramData\Data\HKCR-RegSRData.log for HKEY_CLASS_ROOT; HKCU-RegSRData.log: HKEY_CURRENT_USER; HKLM-RegSRData.log: HKEY_LOCAL_MACHINE; HKU-RegSRData.log: HKEY_USERS; and HKCC-RegSRData.log: HKEY_CURRENT_CONFIG; registry databases. If no registry key or sub key access is found by Reg SR, then the no access registry key and sub key results are saved to a log file named C:\ProgramData\Data\RegDB-Reg-ACL-Denied.log RegDB = HKCR, HKCU, HKLM, HKU, and HKCC; same as above.

Example:

Index	Search / Remove / ACL Denied List	Value Found	Reg Key / Sub Key
1	Search1	Value1	HKCU:\Key\SubKey1
2	Search1	Value1	HKCU:\Key\SubKey2
3	Search1	Value1	HKCU:\Key\SubKey3
4	Search2	Value2	HKCU:\Key\SubKey4
5	Search2	Value2	HKCU:\Key\SubKey5
6	Search2	Value2	HKCU:\Key\SubKey6
7	Search3	Value3	HKCU:\Key\SubKey7
8	Search3	Value3	HKCU:\Key\SubKey8
9	Search3	Value3	HKCU:\Key\SubKey9

Etc.

Registry Access Settings (Continued):

Create Registry Flat File Database:
Checking this box enables Reg-SR to create a log file containing a tree of all registry keys, and sub keys in a log file named C:\ProgramData\Data\HKLM-Flat-Database.log. The user can use this log file in their own IT scripts for quick indexed reference of registry keys, and sub keys. Special Character property will be disabled when this property is set.

Special Character Check:
Checking this box enables Reg-SR to first perform a registry allowed access check of the searched key, or sub key before performing the search. If no access is found Reg-SR reports the results to the console and saves them in a log file named C:\ProgramData\Data\Data\RegDB-Reg-ACL-Denied.log. Where RegDB = HKCR, HKCU, HKLM, HKU, and HKCC; same as in "Save and Remove" above. The following special characters are check if enabled: *, [,], \/, //, :\, /, https:\\, https://, http:\\, and http://. These characters can sometimes cause run-time errors, causing a no access allowed to the registry key or sub key, and can be reported if this function is selected. Selecting this function will cause a longer Reg SR run time. Use only if console run-time errors are being reported, so that they may be trapped in a file for the user to administrate. "Create Registry Flat File Database" property will be disabled when this property is set.

General Settings:

Save:
Saves the Registry and General Settings as the new application startup settings.

Reset:
Resets the Registry and General Settings to the default application startup settings; "Show Details", and "Show Messages" as checked. All other settings are unchecked.

Hide Console:
Checking this box will hide the program console during run time. Reg SR will run faster when the console is hidden. A finished message window is displayed when Reg SR has completed searching the registry.

Remove Selected List Items:
This Reg SR setting is only enabled whenever there are selected (mouse click highlighted) searches in the search list viewer. By selecting this Reg SR setting. All selected search listings in the search list viewer are unselected, all enabled Reg SR settings are disabled, the Run button is disabled, and the "Remove Selected List Item" check box will unselect selected list items, and disable itself.

Remove All List:
Checking this box will clear / delete all search entries in the "Search List" viewer; allowing the user to create a new list to search.

Close Win Reg-SR
Checking this check box will close the registry Search & Removal window interface after starting Reg-SR program.

File Column Display:

The File Column Display supports three tab delimited text file columns; 0-First, 1-Second, 2-Third column. These columns can be used to display the registry search data in the list box and in the list title. The default list title is named "Search List" as shown in Figure 1.

List:
List input is the text file column that is displayed in the list box. By default the list value is the first column 0 of the opened text file. This column value can be changed at any time to the second or third column. For example by changing this value to 2, the third column contents of the opened text file will be displayed in the list box.

List Title:
List Title input will display the inputted column information for that selected item as the list title. The default is "Search List". Changing this value to 0, 1, or 2 will change the list tile to that selected list item column value as a user input.

Description:
Description input will display the description for that selected item when used in conjunction with the List Title above. For example, when selecting column 1 as the list title & column 2 as its description, the list title will display the list tile as Column 1 – Column 2 information for that selected item.

Column Search:
The Column Search check box when selected will perform up to three searches selecting a single item. The search will be performed by the listed item, its title & its description columns. When a three column is opened & this search option is selected, no additional list items can be selected & a message, "Can't select more than one searches when searching by columns" is displayed. A two column file will allow two selected items. Column Search is disabled for single column text files.

File Header:
The File Header check box will open files and display the listed items by the first row, first column of that file as the list header. The default file header value is row 0, column 0 of the first opened text file row. For example, by selecting list as column1 the file header will be row0, column1.

List Title Header:
The List Title Header check box will open files to display the listed items by Reg-SR default list title "Active List".

Reg SR Buttons:

There are five user interface buttons: "Open File", "File Save", "Run", "Search", and "Exit".

File Open:
Will open single column text files into Reg SR, and will display the search list in the "Search List" display window. See Search List Viewer for details.

File Save:
Will save the search list to a text file for reuse. The default extension for saving a file is FileName.log. However, the user can save it to any text file type extension; such as "txt".

Reg SR Buttons:

Run:
This button starts the Reg SR application with the preset Resistry Settings described above; and will display the run-time results in the active console. The "Exit" button is changed to the "Stop" button whenever Reg SR is running; allowing the user to stop Reg SR at any time during run-time.

Search:
This button will search the complete search list by the criteria typed in the search text box.. The Search button changes to the Next button once the first search has been performed. Subsequent clicks of the Next button will perform additional searches of the search criteria in the search text box. Changing the search criteria, will rest the Next button to the Search button.

Search Index:

Search Index searches are performed interactively as the user type's text in the search text box. The more precise the search phrase the more accurate the search. Once the final search criteria has been reached the user can use the Next button to find additional searches. Clearing the search box resets the Next button to the search button as described in Search.

Exit / Stop:

The Exit button / "X" button in upper right hand corner: closes the Reg SR application and saves the Reg SR Settings for next application run-time. The "Stop" button is displayed whenever Reg SR is running; allowing the user to stop Reg SR at any time during run-time.

Reg-SR GUI

Figure 1: