

(SS64)

CMD

Syntax

Search...

REG.exe

Read, Set or Delete registry keys and values, save and restore from a .REG file.

Syntax:

```
REG QUERY [ROOT\]RegKey /v ValueName [/s]
REG QUERY [ROOT\]RegKey /ve --This returns the (default) value

REG ADD [ROOT\]RegKey /v ValueName [/t DataType] [/S Separator] [/d Data] [/f]
REG ADD [ROOT\]RegKey /ve [/d Data] [/f] -- Set the (default) value

REG DELETE [ROOT\]RegKey /v ValueName [/f]
REG DELETE [ROOT\]RegKey /ve [/f] -- Remove the (default) value
REG DELETE [ROOT\]RegKey /va [/f] -- Delete all values under this key

REG COPY [\\SourceMachine\][ROOT\]RegKey [\\DestMachine\][ROOT\]RegKey

REG EXPORT [ROOT\]RegKey FileName.reg
REG IMPORT FileName.reg
REG SAVE [ROOT\]RegKey FileName.hiv
REG RESTORE \\MachineName\[ROOT\]KeyName FileName.hiv

REG LOAD FileName KeyName
REG UNLOAD KeyName

REG COMPARE [ROOT\]RegKey [ROOT\]RegKey [/v ValueName] [Output] [/s]
REG COMPARE [ROOT\]RegKey [ROOT\]RegKey [/ve] [Output] [/s]
```

Key:

```
ROOT :
    HKLM = HKey_Local_machine (default)
    HKCU = HKey_current_user
    HKU  = HKey_users
    HKCR = HKey_classes_root

ValueName : The value, under the selected RegKey, to edit.
            (default is all keys and values)

/d Data   : The actual data to store as a "String", integer etc

/f        : Force an update without prompting "Value exists, overwrite Y/N"

\\Machine : Name of remote machine - omitting defaults to current machine.
            Only HKLM and HKU are available on remote machines.

FileName  : The filename to save or restore a registry hive.

KeyName   : A key name to load a hive file into. (Creating a new key)

/S        : Query all subkeys and values.

/S Separator : Character to use as the separator in REG_MULTI_SZ values
            the default is "\"

/t DataType : REG_SZ (default) | REG_DWORD | REG_EXPAND_SZ | REG_MULTI_SZ

Output     : /od (only differences) /os (only matches) /oa (all) /on (no output)
```

Notes:

Any of the above commands can be run against a remote machine by adding `\\MachineName` to the command line, assuming the [Remote Registry Service](#) is running.

Registry data stored under HKCU will be visible and writable by the currently logged in user.

Registry data stored under HKLM will be visible to all users and writable by administrators.

REG RESTORE has a tendency not to work, possibly due to firewall issues, Export and Import are much more reliable.

Backslash characters

The REG command will interpret `\` as an [escape](#) for the character that immediately follows it.

To include a quote mark (") in the data, prefix it with the escape character e.g. Here is `\"` a quote

This can cause problems with quoted directory paths because `\` at the end of the line will be escaped.

To save a directory path with a trailing backslash (`\`) requires adding a second backslash to 'escape the escape'

so for example instead of "C:\My Docs\" use "C:\My Docs\\"

Examples

```
REG QUERY HKCU\Console\
REG QUERY HKCU\Console /v ScreenBufferSize
```

Find the location of the [Start Menu](#) folder:

```
REG QUERY "HKCU\Software\Microsoft\Windows\CurrentVersion\Explorer\User Shell Folders" /v "Start Menu"
```

```
REG ADD HKCU\Software\SS64 /v Sample /d "some test data"
REG QUERY HKCU\Software\SS64 /v Sample
```

```
REG ADD HKLM\Software\DiLithium /v WarpSpeed /t REG_BINARY /d ffffffff
REG QUERY HKLM\Software\DiLithium /v WarpSpeed
```

Save a directory/registry path that ends with a backslash:

```
Set _reg=HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\SS64.EXE\
Set _prog=C:\Program Files\SS64 App\
REG ADD "%_reg%" /f /v "SS64.EXE" /t REG_SZ /d "%_prog%"
```

Save a REG_EXPAND_SZ value of %systemroot%

```
REG ADD HKLM\Software\SS64 /v Path /t REG_EXPAND_SZ /d ^%systemroot^%
```

```
REG COPY \\Wks580\HKCU\Software\SS64 HKCU\Software\SS64
REG COPY HKCU\Software\SS64 HKCU\Software\SS64Copy
```

```
REG EXPORT HKCU\Software\SS64 C:\MyReg.REG
REG IMPORT C:\MyReg.REG
REG SAVE HKCU\Software\SS64 C:\MyRegHive.hiv
REG RESTORE \\Wks580\HKCU\Software\SS64 C:\MyRegHive.hiv
```

Run a script at first logon (Run Once) to do this we edit the Default User profile by temporarily loading it as ZZZ:

```
REG LOAD HKU\ZZZ "C:\Documents and Settings\Default User\NTUSER.DAT"
REG ADD HKU\ZZZ\SOFTWARE\Microsoft\Windows\CurrentVersion\RunOnce /v newUserProfile /t REG_EXPAND_SZ /d "D:\se
REG UNLOAD HKU\ZZZ
```

More examples are available via: REG QUERY /? REG ADD /? etc

"The way to a mans heart is through his stomach" - Fanny Fern (writer)

Related:

[SETX](#) - Set environment variables permanently, can also read a registry key and write the value to a text file.

[REGEDIT](#) - Load Registry settings from a .REG file

Dureg - Registry Size Estimator. ([Win 2K ResKit](#))

Powershell: [Get-ItemProperty](#) / [Set-ItemProperty](#) - Retrieve / save registry Keys

[Q325347](#) - Run a Logon Script once when a new user logs on, Windows 2003

[Q284193](#) - Run a Logon Script once when a new user logs on, Windows 2000

[Q945219](#) - Reg.exe fails for REG_EXPAND_SZ registry types

[Q948698](#) - Remote access to 64-bit registry keys

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