How can I change a registry key from within the debugger?

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If you are using a debugger based on the Windows debugging engine, you can use the !dreg command to dump a registry key, but what if you want to modify a registry key?

I don't know how often it happens to you, but it happens to us a lot here inside Microsoft: You are given a remote debugging connection to a process that is running on some computer to which you have no physical access. You therefore cannot just run `regedit` and do your registry work there. You may also be in a situation where you don't want to run `regedit` because running another process would interfere with the issue you are debugging.[1]

One way to set a registry key from inside the debugger is to simulate a call to the `RegSetValueEx` function.

Or you can think outside the box: Use the `.shell` command and shell out to `reg.exe`.

```
0:001> .shell reg add hkcu\Software\Contoso /v UseWarpCore /t REG_DWORD /d 1
```

This assumes that the debugger was created without the `-noshell` option. Otherwise, you're back to simulating the call.

[1] Usually because you are debugging some focus-related problem, and running `regedit` changes focus. Or, if you work in my building, because you are debugging Explorer itself and therefore cannot launch any new programs.

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