

Bug 23950 - the systemVersion incorrect for Windows 11

Status: CONFIRMED

Reported: 2022-09-20 11:53 EDT by Researchware Staff

Version: 9.6.8 RC 1

Modified: 2022-09-21 03:40 EDT

CC List: 1 user ([show](#))

Depends on:

See Also:

Blocks:

Engine: IDE

[Show dependency tree](#)
/ [graph](#)

Desktop OS: Windows

Windows Version: Other

Attachments

[Add an attachment](#) (proposed patch, testcase, etc.)

Researchware Staff 2022-09-20 11:53:39 EDT

[Description](#)

The systemVersion() being incorrect was fixed on macOS under [bug #22887](#). However, systemVersion() is still incorrect under Windows 11, returning "NT 10.0" instead of "NT 11.0" or something else to indicate that the OS is Windows 11

This can be seen under any Windows 11 computer in the IDE in the Message Box, but entering into the message box 'put the systemVersion'

This bug is present on LC 9.6.8, 9.6.9rc1, and 10.0.0dp4, as well as LC 9.6.7 and earlier.

You can work-around this Windows bug, like with [bug #22887](#) on macOS, through a shell call (assumes you have already checked that platform() = "Win32"):

```
if systemVersion() is "NT 10.0" then
  set the hideConsoleWindows to true
  put shell("ver") into tVersion
  -- 'ver' returns "Microsoft Windows [Version 10.0.19043.1586]" on a current
Windows 10 system
  --           and "Microsoft Windows [Version 10.0.22000.613]" on a current
Windows 11 system as examples
  set the itemdelimiter to "."
  if item 3 of tVersion >= 22000 then
    return "NT 11.0"
  else
    return "NT 10.0"
  end if
else
  return systemVersion() -- windows 8.x, 7, etc.
end if
```

I suppose technically, Windows is returning [shell("ver")] 10.0.## for both Windows 10 and Windows 11 and the difference is in the 3rd part of the version number, but we developers need a way in LiveCode to distinguish major version of the OS's our app run on and the built in systemVersion() function is supposed to be that means. Yet, we can't use it to distinguish between Windows 10 and 11 as it returns "NT 10.0" for both.

Panos Merakos 2022-09-21 03:40:47 EDT

[Comment 1](#)

Hello Paul,

Thank you for the report.

I confirm what you describe.

I thought this bug was already reported, but it seems it was a discussion in the use-list where this issue was originally mentioned.

We will update you when the status of this report changes.

Kind regards,

Panos

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