

Question

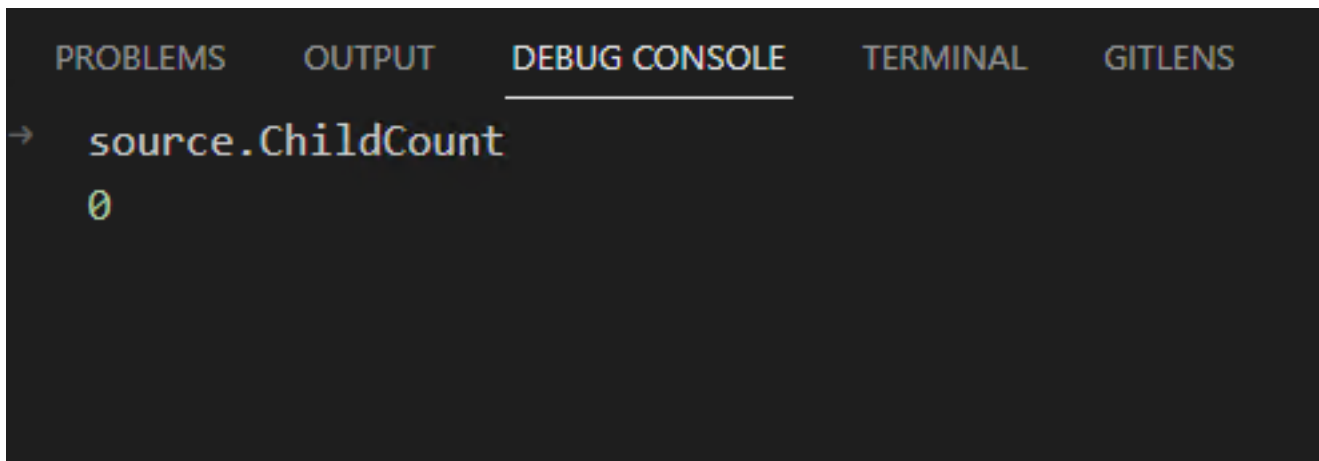
[Jonathan Lent](#) · Aug 4

Variable values appear corrupt in VSCode debugger

I've faced a problem that happens while debugging a process in VSCode. It doesn't seem to matter if this is in a container, on my development VM, or against a locally installed version of IRIS. The problem seems to be mostly with X12 Documents.

So, in a debug session, I can dump out a value to the debug console and it looks correct. The same variable in VSCode appears to be some uninitialized memory location.

In the interactive debugger window:



The image shows a screenshot of the VSCode interface, specifically the Debug Console window. The window has a dark background with light-colored text. At the top, there are several tabs: 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'GITLENS'. The 'DEBUG CONSOLE' tab is selected and highlighted with a white underline. Below the tabs, the text '→ source.ChildCount' is displayed in a light blue font. Below that, the value '0' is displayed in a light green font.

In the Variables Window:

```
VARIABLES
  Private
    source: EnsLib.EDI.X12.Document
    %ClonedId: 0
    %Concurrency: 1
    %maps: 138
    %ParsingError: 1
    Attachments: ""
    AutoBuildMap: 0
    BuildMapStatus: ""
    CacheSegsGotten: 1
    ChildCount: ""_$_c(0)_"_""
    ComponentSeparator: ""_$_c(0)_"_""
    DocType: ""
    DocTypeCategory: ""
    DocTypeName: ""
    ElementSeparator: ""_$_c(0)_"_""
    Envelope: ""
    FullSize: ""_$_c(0)_"_""
```

Host Workstation:

OS Name	Microsoft Windows 11 Enterprise
Version	10.0.22000 Build 22000
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	DESKTOP-DTNGSFT
System Manufacturer	Microsoft Corporation
System Model	Virtual Machine
System Type	x64-based PC
System SKU	None
Processor	Intel(R) Core(TM) i7-10850H CPU @ 2.70GHz, 2712 Mhz, 3 Core(s), 6 Logical P...
BIOS Version/Date	Microsoft Corporation Hyper-V UEFI Release v4.0, 11/1/2019
SMBIOS Version	3.1
Embedded Controller Version	255.255
BIOS Mode	UEFI
BaseBoard Manufacturer	Microsoft Corporation
BaseBoard Product	Virtual Machine
BaseBoard Version	Hyper-V UEFI Release v4.0

It's not all variables, as you can see, and it always seems to to be same garbage values that get populated. Has anybody else run across this and found a resolution?

Thanks in advance for any help, folks!

[#Debugging #InterSystems IRIS for Health](#)

Product version: IRIS 2022.1

\$ZV: IRIS for UNIX (Ubuntu Server LTS for x86-64 Containers) 2022.1 (Build 209U) Tue May 31 2022 12:28:22 EDT

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