
Question

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Is this a bug? ZBREAK Trace option does not appear to handle comma-separated SET command

I came across this behaviour when debugging some Cache ObjectScript code. I have provided a simple example below.

Example 1:

```
START
ZBREAK /TRACE:ON:"C:/temp/zbreak_trace.log"
ZBREAK *VAR1:"T"
ZBREAK *VAR2:"T"
ZBREAK *VAR3:"T"
Set (VAR1,VAR2,VAR3)=" "
Kill VAR1,VAR2,VAR3
Quit
```

Trace Output:

Trace: ZBREAK SET VAR3="" at START+5^TRACE

Trace: ZBREAK KILL VAR1 at START+6^TRACE

Trace: ZBREAK KILL VAR2 at START+6^TRACE

Trace: ZBREAK KILL VAR3 at START+6^TRACE

\$ZV value:

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Notice that the SET statement in the log file only refers to VAR3 - the last variable that was initialised to empty string. Here are a couple of ways to mitigate this issue.

1. Do not use the ZBREAK Trace option. Use watchpoints in your preferred IDE.
2. Write all SET statements in long-hand format. Avoid the round-brackets comma syntax.

Example 2:

```
START
ZBREAK /TRACE:ON:"C:/temp/zbreak_trace.log"
ZBREAK *VAR1:"T"
ZBREAK *VAR2:"T"
ZBREAK *VAR3:"T"
Set VAR1=""
```

```
Set VAR2=""  
Set VAR3=""  
Kill VAR1,VAR2,VAR3  
Quit
```

Trace Output:

```
Trace: ZBREAK SET VAR1="" at START+5^TRACE  
Trace: ZBREAK SET VAR2="" at START+6^TRACE  
Trace: ZBREAK SET VAR3="" at START+7^TRACE  
Trace: ZBREAK KILL VAR1 at START+8^TRACE  
Trace: ZBREAK KILL VAR2 at START+8^TRACE  
Trace: ZBREAK KILL VAR3 at START+8^TRACE
```

Notice that the SET statements now feature all three variables as expected.

[#Caché](#) [#ObjectScript](#)

Source

URL:<https://community.intersystems.com/post/bug-zbreak-trace-option-does-not-appear-handle-comma-separated-set-command>