

Base Language - Bug #8294

SESSION attributes access statements produce uncompileable Java code

02/20/2024 08:17 AM - Vladimir Tsichevski

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		case_num:	
billable:	No		
vendor_id:	GCD		
Description			

History

#1 - 02/20/2024 09:29 AM - Vladimir Tsichevski

The following example which accesses 14 attributes of SESSION:

MESSAGE

```
"BASE-ADE" SESSION:BASE-ADE
"EXECUTION-LOG" SESSION:EXECUTION-LOG
"FIRST-FORM" SESSION:FIRST-FORM
"FRAME-SPACING" SESSION:FRAME-SPACING
"INHERIT-BGCOLOR" SESSION:INHERIT-BGCOLOR
"INHERIT-FGCOLOR" SESSION:INHERIT-FGCOLOR
"INSTANTIATING-PROCEDURE" SESSION:INSTANTIATING-PROCEDURE
"LAST-FORM" SESSION:LAST-FORM
"PROXY-PASSWORD" SESSION:PROXY-PASSWORD
"PROXY-USERID" SESSION:PROXY-USERID
"SCHEMA-CHANGE" SESSION:SCHEMA-CHANGE
"STREAM" SESSION:STREAM
"WC-ADMIN-APP" SESSION:WC-ADMIN-APP
VIEW-AS ALERT-BOX
.
```

converts to:

```
messageBox(new Object[]
{
    "BASE-ADE",
    ,
    "EXECUTION-LOG",
    ,
    "FIRST-FORM",
    ,
    "FRAME-SPACING",
    ,
    "INHERIT-BGCOLOR",
    ,
    "INHERIT-FGCOLOR",
    ,
    "INSTANTIATING-PROCEDURE",
    ,
    "LAST-FORM",
    ,
    "PROXY-PASSWORD",
    ,
    "PROXY-USERID",
    ,
    "SCHEMA-CHANGE",
```

```
,  
    "STREAM",  
    ,  
    "WC-ADMIN-APP",  
  
    }, ALERT_MESSAGE, BTN_OK, (String) null);
```

Note all SESSION attribute access expression convert to nothing in Java.
All other SESSION attributes convert and work as expected (at first glance at least).

I think, the code should convert and cause a kind of "Unimplemented feature" in runtime.

#2 - 02/20/2024 09:37 AM - Greg Shah

All of these are currently 100% unsupported in the conversion. The gap marking should show that. Converting things that are not supported in conversion will never work.

We could implement conversion support for everything in the language and then just stub it out with "Unimplemented feature" but we have not done this yet. It would take time we don't have right now.