

Base Language - Bug #2292

Fix error handling when unfixed extent passed to fixed extent input parameter

04/24/2014 04:54 PM - Hynek Cihlar

Status:	Closed	Start date:	04/24/2014
Priority:	Normal	Due date:	
Assignee:	Hynek Cihlar	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Cleanup and Stablization for Server Features	case_num:	
billable:	No		
vendor_id:	GCD		
Description			
Related issues:			
Related to Base Language - Bug #2133: fix precision for decimal, dynamic-exte...		Closed	01/21/2014 01/27/2014
Related to Base Language - Bug #2293: Fixing an unfixed extent output paramet...		Closed	04/24/2014

History

#1 - 04/24/2014 04:59 PM - Hynek Cihlar

The following code sample causes the error message *Calling procedure /home/hc/p34141_Untitled8.ped cannot input an indeterminate extent parameter if the sub-procedure foo /home/hc/p34141_Untitled8.ped parameter is a fixed size extent. (11421) in Progress but not in P2J.*

```
function foo returns int (input p as int extent 2).
end.
def var k as int extent.
foo(input k).
```

This issue originated in the issue [#2133](#), see the notes 23-26, 28, 30, 32.

#2 - 04/25/2014 03:25 AM - Constantin Asofiei

Some notes here:

1. the /home/hc/p34141_Untitled8.ped is the actual program name, not some special string (i.e. if you save the test in a test1.p file, then this would be test1.p)
2. foo(input k) converts to a direct Java method call, right? As ControlFlowOps are not involved in this case, we need to validate the parameters - but unfortunately this can't be done by the BlockManager APIs. I think the only choice is to convert any function call (for which its definition includes an extent parameter) to a ControlFlowOps API call, and add this parameter validation case to ControlFlowOps\$InternalEntryCaller.valid. The conversion change I think will be in the convert/user_functions.rules file.
3. double-check if this error is emitted too when internal procedures or external programs are used.

#3 - 04/25/2014 03:11 PM - Greg Shah

- *Target version set to Milestone 11*

#4 - 07/08/2014 08:13 PM - Hynek Cihlar

This issue is fixed by [#2293](#). Once [#2293](#) is closed, this can be closed with Nofix resolution.

#5 - 07/13/2014 03:34 PM - Hynek Cihlar

Fixed by [#2293](#).

#6 - 07/13/2014 03:35 PM - Hynek Cihlar

- *% Done changed from 0 to 100*

- *Status changed from New to Feedback*

#7 - 07/13/2014 05:49 PM - Greg Shah

- *Status changed from Feedback to Closed*

#8 - 11/16/2016 12:06 PM - Greg Shah

- *Target version changed from Milestone 11 to Cleanup and Stabilization for Server Features*