

## Base Language - Bug #2250

### Conversion error when decimal precision defined on dynamic extent variable

02/27/2014 02:51 PM - Hynek Cihlar

<b>Status:</b>	Closed	<b>Start date:</b>	02/27/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Hynek Cihlar	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Cleanup and Stabilization for Server Features	<b>case_num:</b>	
<b>billable:</b>	No		
<b>vendor_id:</b>	GCD		
<b>Description</b>			

#### History

##### #1 - 02/27/2014 02:52 PM - Hynek Cihlar

Setting decimal precision in the DEFINE VARIABLE statement of an EXTENT with the missing number of array elements produces uncompileable Java code.

Example:

```
def var d1 as decimal extent decimals 1 init [1, 2, 3, 4, 5].
def var d2 as decimal extent 5 decimals 2 init [5,4,3,2,1].
def var d3 as decimal extent decimals 3.
def var d4 as decimal extent 1 decimals 4.
def var d5 like d1.
def var d6 like d2.
```

yields the following Java code (only relevant part shown):

```
public void init()
{
    ArrayAssigner.registerDynamicArray(d1);
    d1.setPrecision(1); // ERROR
    TransactionManager.register((Object) d1, (Object) d2, (Object) d3, (Object) d4, (Object) d5, (Object) d6);
    decimal.setPrecision(d2, 2);
    assignMulti(d3, new decimal(0));
    ArrayAssigner.registerDynamicArray(d3);
    d3.setPrecision(3); // ERROR
    assignMulti(d4, new decimal(0));
    decimal.setPrecision(d4, 4);
    ArrayAssigner.registerDynamicArray(d5);
    d5.setPrecision(1); // ERROR
    decimal.setPrecision(d6, 2);
}
```

**#2 - 03/03/2014 04:36 PM - Greg Shah**

- Assignee set to Hynek Cihlar
- Target version set to Milestone 11

**#3 - 04/26/2014 05:23 PM - Hynek Cihlar**

- File hc\_upd20140426a.zip added

Please review.

**#4 - 04/26/2014 05:25 PM - Hynek Cihlar**

- Status changed from New to Feedback

**#5 - 04/28/2014 02:52 AM - Constantin Asofiei**

The change looks good, assuming it fixes the cases at note 1.

**#6 - 05/19/2014 01:39 PM - Hynek Cihlar**

I accidentally fixed this issue in the issue [#2294](#). This can be closed now.

**#7 - 05/19/2014 01:41 PM - Hynek Cihlar**

- % Done changed from 0 to 100

**#8 - 05/19/2014 02:02 PM - Greg Shah**

- Status changed from Feedback to Closed

**#9 - 11/16/2016 12:07 PM - Greg Shah**

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

**Files**

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hc_upd20140426a.zip	13.6 KB	04/26/2014	Hynek Cihlar
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