

## Base Language - Bug #6974

### NPE at OpenEdge.Core.Class.IsInterface

12/01/2022 07:46 AM - Vladimir Tsichevski

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

#### History

##### #1 - 12/01/2022 07:52 AM - Vladimir Tsichevski

The test code (isinterface.p):

```
DEFINE PRIVATE VARIABLE derivedClassInstance AS unittests.InheritedClassSample NO-UNDO.  
derivedClassInstance = NEW unittests.InheritedClassSample().  
DEFINE VARIABLE ifaces AS CLASS Progress.Lang.Class extent NO-UNDO.  
ifaces = derivedClassInstance:GetClass():GetInterfaces().  
DEFINE VARIABLE iface AS CLASS Progress.Lang.Class NO-UNDO.  
iface = ifaces[1].  
MESSAGE iface:IsInterface().
```

The unittests.InheritedClassSample code:

```
CLASS unittests.InheritedClassSample FINAL  
  INHERITS unittests.AbstractClassSample  
  IMPLEMENTS unittests.InterfaceClassSample:  
END CLASS.
```

The unittests.InterfaceClassSample code:

```
INTERFACE unittests.InterfaceClassSample:  
END INTERFACE.
```

The unittests.AbstractClassSample code:

```
CLASS unittests.AbstractClassSample ABSTRACT:  
END CLASS.
```

The NPE stack trace:

```
TransactionManager.access$18(TransactionManager$WorkArea, String, int, int, boolean, boolean, boolean, boolean, boolean, boolean, BlockType, Block) line: 4335  
TransactionManager$TransactionHelper.pushScope(String, int, int, boolean, boolean, boolean, boolean, boolean, BlockType, Block) line: 8734  
TransactionManager$TransactionHelper.pushScope(String, int, int, boolean, boolean, boolean, boolean, BlockType, Block) line: 8669  
BlockManager.functionBlock(Class<?>, Object, String, TransactionType, Block, Class<T>, int) line: 9198
```

```
BlockManager.extentFunction(Class<?>, Object, String, Class<T>, TransactionType, Block) line: 1342
BlockManager.extentFunction(Class<?>, Object, String, Class<T>, Block) line: 1282
LegacyClass.getInterfaces() line: 1153
Isinterface.lambda$1() line: 40
137590431.body() line: not available
Block.body() line: 636
BlockManager.processBody(BlockManager$WorkArea, Block, OnPhrase[]) line: 8649
BlockManager.topLevelBlock(Class<?>, Object, String, TransactionType, BlockType, Block) line: 8315
BlockManager.externalProcedure(Object, BlockManager$TransactionType, Block) line: 543
BlockManager.externalProcedure(Object, Block) line: 516
Isinterface.execute() line: 33
...
```

In OE the similar code works fine.