Base Language - Bug #6999

OO methods/properties used in direct Java calls

12/16/2022 03:27 AM - Constantin Asofiei

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

History

#1 - 12/16/2022 03:31 AM - Constantin Asofiei

Consider this type:

```
using testing.PrimTest from java.

class oo.Prim:
   def public property v1 as int get. set.

   method public static void m1().
      def var ch as char.
      def var k as int.

      v1 = PrimTest:testPrimitives(k, ch).
      v1 = PrimTest:testPrimitives(v1, ch).

      k = PrimTest:testPrimitives(k, ch).
      m2(PrimTest:testPrimitives(k, ch)).
   end.

   method public static void m2(input i1 as int).

   end.
end.
```

and this Java class:

```
package testing;

public class PrimTest
{
   public static int testPrimitives(int i1, String s1)
   {
      System.out.println(i1 + " " + s1);
      return i1;
   }
}
```

The issue is when using a property or method with Java style calls: FWD doesn't convert properly these cases, when the Java method call is assigned to a property, the property is set as an argument to the Java method call or the Java method call is used as an argument to a 4GL call.