

MicroTESK - Bug #10649

(let) java.lang.NullPointerException: null

12/28/2020 12:15 PM - Alexander Protsenko

Status:	Resolved	Start date:	12/28/2020
Priority:	Normal	Due date:	
Assignee:	Alexander Kamkin	% Done:	0%
Category:	nML Translator	Estimated time:	0.00 hour
Target version:	2.5	Spent time:	0.00 hour
Detected in build:	git	Published in build:	
Platform:			

Description

ATTENTION! An unexpected error has occurred:

```
java.lang.NullPointerException: null
```

The program will be terminated. Please contact us at:

microtesk-support@ispras.ru

We are sorry for the inconvenience.

Exception stack:

```
java.lang.NullPointerException
    at ru.ispras.microtesk.translator.nml.antlrex.LocationFactory.location(LocationFactory.java:67)
)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.locationAtom(NmlTreeWalker.java:59
84)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.locationVal(NmlTreeWalker.java:584
6)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.locationExpr(NmlTreeWalker.java:57
25)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.atom(NmlTreeWalker.java:5213)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.numExpr(NmlTreeWalker.java:4471)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.expr(NmlTreeWalker.java:4123)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.constExpr(NmlTreeWalker.java:3887)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.letExpr(NmlTreeWalker.java:549)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.letDef(NmlTreeWalker.java:499)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.procSpec(NmlTreeWalker.java:400)
    at ru.ispras.microtesk.translator.nml.grammar.NmlTreeWalker.startRule(NmlTreeWalker.java:293)
    at ru.ispras.microtesk.translator.nml.NmlTranslator.startParserAndWalker(NmlTranslator.java:18
1)
    at ru.ispras.microtesk.translator.nml.NmlTranslator.start(NmlTranslator.java:126)
    at ru.ispras.microtesk.translator.Translator.translate(Translator.java:201)
    at ru.ispras.microtesk.MicroTESK.translate(MicroTESK.java:150)
    at ru.ispras.microtesk.MicroTESK.runTask(MicroTESK.java:142)
    at ru.ispras.microtesk.MicroTESK.main(MicroTESK.java:80)
```

Нужна адекватная диагностика.

Код, вызывающий это:

```
let NULL_POINTER = NULL_POINTER2
let NULL_POINTER2 = 0x1
```

History

#1 - 12/29/2020 03:29 PM - Alexander Kamkin

- Status changed from New to Resolved

Forward definitions are not allowed.

FIXED: if a constant is not found, the error is raised.

#2 - 12/30/2020 10:27 AM - Alexander Protsenko

- Status changed from Resolved to Open

Так лучше:

```
29:19 ERROR (SEMANTIC): "Constant NULL_POINTER2 is not found. Forward definitions are not allowed."  
29:19 ERROR (SEMANTIC): "Failed to recognize the grammar structure (ignored): 'NULL_POINTER2'. "  
29:0 ERROR (SEMANTIC): "Failed to recognize the grammar structure (ignored): 'NULL_POINTER2'. "  
29:0 ERROR (SEMANTIC): "Failed to recognize the grammar structure (ignored): 'NULL_POINTER2'. "
```

Но было бы здорово, еще указать файл, где это возникает.

#3 - 12/30/2020 12:21 PM - Alexander Protsenko

- Status changed from Open to Resolved

Bug [#10657](#)