

## MicroTESK - Bug #9925

### java.lang.IllegalStateException: Boolean data is not convertible to BitVector.

11/14/2019 07:58 PM - Alexander Protsenko

|                           |                 |                            |                   |
|---------------------------|-----------------|----------------------------|-------------------|
| <b>Status:</b>            | Closed          | <b>Start date:</b>         | 11/14/2019        |
| <b>Priority:</b>          | Normal          | <b>Due date:</b>           |                   |
| <b>Assignee:</b>          | Artem Kotsynyak | <b>% Done:</b>             | 0%                |
| <b>Category:</b>          |                 | <b>Estimated time:</b>     | 0.00 hour         |
| <b>Target version:</b>    | 2.5             | <b>Spent time:</b>         | 0.00 hour         |
| <b>Detected in build:</b> | 2.4.46          | <b>Published in build:</b> | 2.5.0-beta-191226 |
| <b>Platform:</b>          |                 |                            |                   |

#### Description

Проект: Mips64

ATTENTION! An unexpected error has occurred:  
java.lang.IllegalStateException: Boolean data is not convertible to BitVector.

The program will be terminated. Please contact us at:  
microtesk-support@ispras.ru  
We are sorry for the inconvenience.

#### Exception stack:

```
java.lang.IllegalStateException: Boolean data is not convertible to BitVector.  
    at ru.ispras.fortress.data.Data.checkConvertibleTo(Data.java:528)  
    at ru.ispras.fortress.data.Data.getBitVector(Data.java:417)  
    at ru.ispras.fortress.expression.NodeValue.getBitVector(NodeValue.java:324)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.newConstant(NmlIrTrans.java:324)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.access$300(NmlIrTrans.java:43)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans$TransRvalue.lookup(NmlIrTrans.java:499)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans$TransRvalue.translateMapping(NmlIrTrans.java:  
420)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans$TransRvalue.onOperationEnd(NmlIrTrans.java:35  
7)  
    at ru.ispras.fortress.expression.ExprTreeWalker.visitOperation(ExprTreeWalker.java:173)  
    at ru.ispras.fortress.expression.ExprTreeWalker.visitNode(ExprTreeWalker.java:123)  
    at ru.ispras.fortress.expression.ExprTreeWalker.visitOperation(ExprTreeWalker.java:160)  
    at ru.ispras.fortress.expression.ExprTreeWalker.visitNode(ExprTreeWalker.java:123)  
    at ru.ispras.fortress.expression.ExprTreeWalker.visit(ExprTreeWalker.java:93)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:307)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:793)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:178)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:800)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:178)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:95)  
    at ru.ispras.microtesk.translator.mir.NmlIrTrans.translate(NmlIrTrans.java:52)  
    at ru.ispras.microtesk.translator.mir.MirTransHandler.processIr(MirTransHandler.java:48)  
    at ru.ispras.microtesk.translator.mir.MirTransHandler.processIr(MirTransHandler.java:30)  
    at ru.ispras.microtesk.translator.Translator.processIr(Translator.java:84)  
    at ru.ispras.microtesk.translator.nml.NmlTranslator.start(NmlTranslator.java:133)  
    at ru.ispras.microtesk.translator.Translator.translate(Translator.java:201)  
    at ru.ispras.microtesk.MicroTESK.translate(MicroTESK.java:168)  
    at ru.ispras.microtesk.MicroTESK.runTask(MicroTESK.java:141)  
    at ru.ispras.microtesk.MicroTESK.main(MicroTESK.java:79)
```

\*\*\*\*\*

#### History

#1 - 12/23/2019 02:41 PM - Artem Kotsynyak

Время добавлено журналирование релевантных событий во время трансляции для ([80013bb1](#)) отладки спецификаций ([#9925](#), [#9982](#)).

Журналирование ведётся в отладочном канале, требуется указать опцию -verbose при трансляции (задача translateARCH в build.gradle).  
Генерируемые события: "PASS: inline", "TRANSLATE:nML -> MIR"

**#2 - 12/24/2019 11:42 AM - Alexander Protsenko**

- *Status changed from New to Resolved*

**#3 - 12/26/2019 07:50 PM - Alexander Kamkin**

- *Published in build set to 2.5.0-beta-191226*

- *Target version set to 2.5*

- *Status changed from Resolved to Closed*