

## MicroTESK - Bug #9982

### java.lang.IllegalArgumentException: Bit vector sizes do not match: 1 != 6

12/12/2019 12:11 PM - Alexander Protsenko

<b>Status:</b>	Closed	<b>Start date:</b>	12/12/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Artem Kotsynyak	<b>% Done:</b>	0%
<b>Category:</b>	nML Translator	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.4	<b>Spent time:</b>	0.00 hour
<b>Detected in build:</b>	svn	<b>Published in build:</b>	2.5.0-beta-191226
<b>Platform:</b>			

#### Description

[https://forge.ispras.ru/jenkins/job/MicroTESK\\_ARMv8/2144/console](https://forge.ispras.ru/jenkins/job/MicroTESK_ARMv8/2144/console)

```
java.lang.IllegalArgumentException: Bit vector sizes do not match: 1 != 6.
```

The program will be terminated. Please contact us at:

microtesk-support@ispras.ru

We are sorry for the inconvenience.

Exception stack:

```
java.lang.IllegalArgumentException: Bit vector sizes do not match: 1 != 6.
    at ru.ispras.fortress.data.types.bitvector.BitVectorMath.checkEqualSize(BitVectorMath.java:926)
)
    at ru.ispras.fortress.data.types.bitvector.BitVectorMath.transform(BitVectorMath.java:902)
    at ru.ispras.fortress.data.types.bitvector.BitVectorMath.add(BitVectorMath.java:682)
    at ru.ispras.microtesk.translator.mir.BvOpcode$1.evalBitVector(Instruction.java:412)
    at ru.ispras.microtesk.translator.mir.BvOpcode.evalConst(Instruction.java:512)
    at ru.ispras.microtesk.translator.mir.EvalContext.visit(EvalContext.java:74)
    at ru.ispras.microtesk.translator.mir.Instruction$Assignment.accept(Instruction.java:30)
    at ru.ispras.microtesk.translator.mir.EvalContext.eval(EvalContext.java:59)
    at ru.ispras.microtesk.translator.mir.InlinePass.apply(InlinePass.java:25)
    at ru.ispras.microtesk.translator.mir.MirPassDriver.apply(MirPassDriver.java:46)
    at ru.ispras.microtesk.translator.mir.MirPassDriver.run(MirPassDriver.java:56)
    at ru.ispras.microtesk.translator.mir.MirTransHandler.processIr(MirTransHandler.java:70)
    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)
```

Одно из возможных решений: Если бы можно было вывести более подробную информацию, например, имя инструкции, я бы смог поправить спецификации.

Актуально для архитектуры: **MIPS и ARMv8**

#### History

#1 - 12/24/2019 11:41 AM - Alexander Protsenko

Реализовано: [80013bb1](#)

Связанная задача: [#9925](#)

#2 - 12/24/2019 11:41 AM - Alexander Protsenko

- Status changed from New to Resolved

#3 - 12/26/2019 07:49 PM - Alexander Kamkin

- Published in build set to 2.5.0-beta-191226

- Status changed from Resolved to Closed