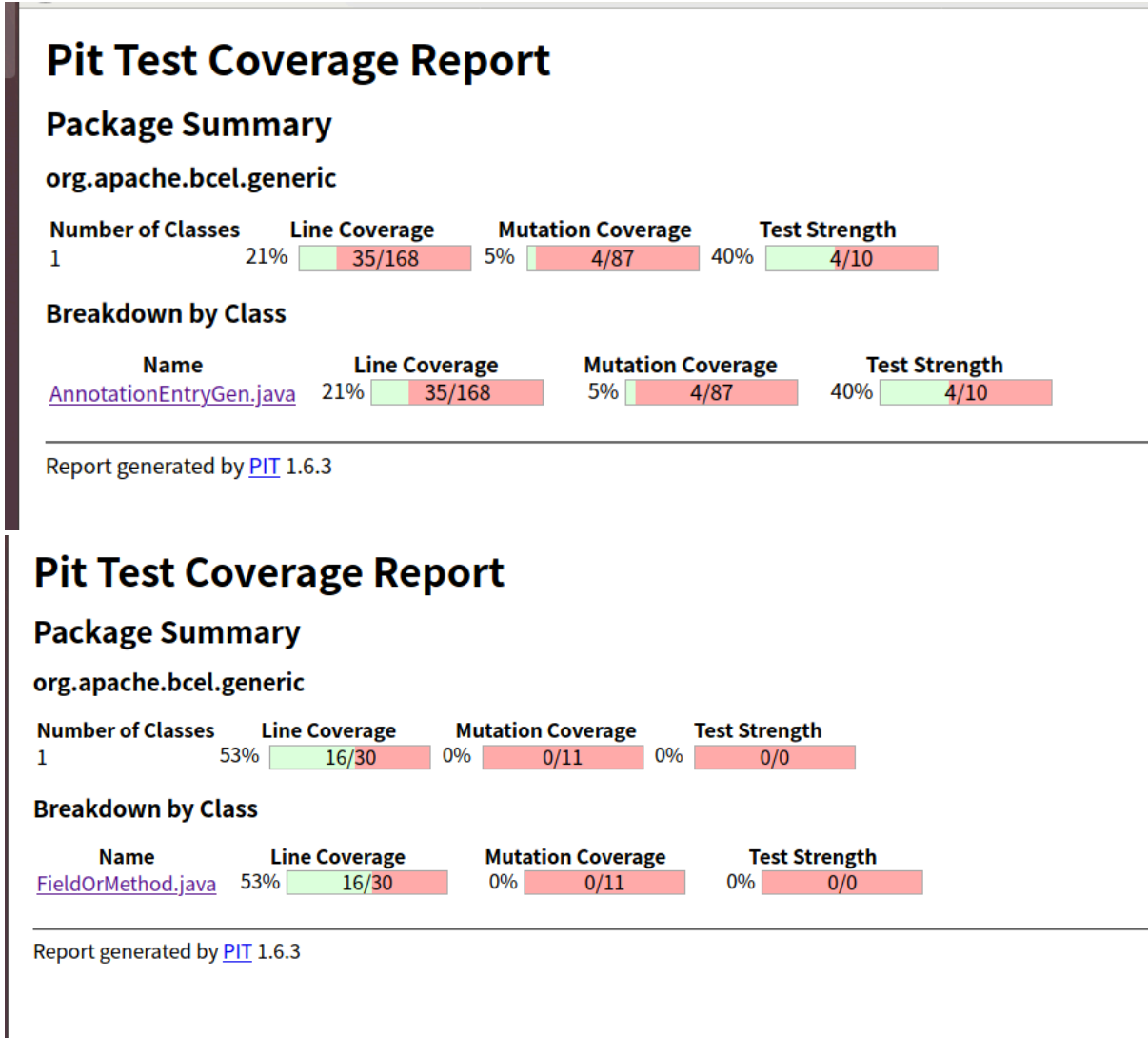


统计



# Pit Test Coverage Report

## Package Summary

org.apache.bcel.generic

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	34% <div><div></div><div></div><div>76/226</div></div>	4% <div><div></div><div></div><div>6/165</div></div>	19% <div><div></div><div></div><div>6/32</div></div>

## Breakdown by Class

Name	Line Coverage	Mutation Coverage	Test Strength
<a href="#">InstructionFactory.java</a>	34% <div><div></div><div></div><div>76/226</div></div>	4% <div><div></div><div></div><div>6/165</div></div>	19% <div><div></div><div></div><div>6/32</div></div>

Report generated by [PIT](#) 1.6.3

# Pit Test Coverage Report

## Package Summary

org.apache.bcel.generic

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	32% <div><div></div><div></div><div>139/438</div></div>	12% <div><div></div><div></div><div>30/244</div></div>	35% <div><div></div><div></div><div>30/85</div></div>

## Breakdown by Class

Name	Line Coverage	Mutation Coverage	Test Strength
<a href="#">MethodGen.java</a>	32% <div><div></div><div></div><div>139/438</div></div>	12% <div><div></div><div></div><div>30/244</div></div>	35% <div><div></div><div></div><div>30/85</div></div>

Report generated by [PIT](#) 1.6.3

# Pit Test Coverage Report

## Package Summary

org.apache.bcel.classfile

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	33% <div><div></div><div></div><div>166/501</div></div>	9% <div><div></div><div></div><div>28/314</div></div>	24% <div><div></div><div></div><div>28/117</div></div>

## Breakdown by Class

Name	Line Coverage	Mutation Coverage	Test Strength
<a href="#">Utility.java</a>	33% <div><div></div><div></div><div>166/501</div></div>	9% <div><div></div><div></div><div>28/314</div></div>	24% <div><div></div><div></div><div>28/117</div></div>

Report generated by [PIT](#) 1.6.3

# Pit Test Coverage Report

## Project Summary

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	18% <div><div></div><div>6/33</div></div>	0% <div><div></div><div>0/12</div></div>	0% <div><div></div><div>0/1</div></div>

## Breakdown by Package

Name	Number of Classes	Line Coverage	Mutation Coverage	Test Strength
<a href="#">org.apache.bcel.generic</a>	1	18% <div><div></div><div>6/33</div></div>	0% <div><div></div><div>0/12</div></div>	0% <div><div></div><div>0/1</div></div>

Report generated by [PIT](#) 1.6.3

10S

# Pit Test Coverage Report

## Package Summary

org.apache.bcel.generic

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	62% <div><div></div><div>268/432</div></div>	39% <div><div></div><div>85/216</div></div>	67% <div><div></div><div>85/127</div></div>

## Breakdown by Class

Name	Line Coverage	Mutation Coverage	Test Strength
<a href="#">InstructionList.java</a>	62% <div><div></div><div>268/432</div></div>	39% <div><div></div><div>85/216</div></div>	67% <div><div></div><div>85/127</div></div>

Report generated by [PIT](#) 1.6.3

20S

# Pit Test Coverage Report

## Package Summary

org.apache.bcel.generic

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	65% <div><div></div><div>282/432</div></div>	42% <div><div></div><div>90/216</div></div>	67% <div><div></div><div>90/134</div></div>

## Breakdown by Class

Name	Line Coverage	Mutation Coverage	Test Strength
<a href="#">InstructionList.java</a>	65% <div><div></div><div>282/432</div></div>	42% <div><div></div><div>90/216</div></div>	67% <div><div></div><div>90/134</div></div>

Report generated by [PIT](#) 1.6.3

30S

# Pit Test Coverage Report

## Project Summary

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	67% <div><div></div><div></div><div></div></div> 289/432	45% <div><div></div><div></div><div></div></div> 98/216	73% <div><div></div><div></div><div></div></div> 98/135

## Breakdown by Package

Name	Number of Classes	Line Coverage	Mutation Coverage	Test Strength
<a href="#">org.apache.bcel.generic</a>	1	67% <div><div></div><div></div><div></div></div> 289/432	45% <div><div></div><div></div><div></div></div> 98/216	73% <div><div></div><div></div><div></div></div> 98/135

Report generated by [PIT](#) 1.6.3

10s

# Pit Test Coverage Report

## Package Summary

org.apache.bcel.generic

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	11% <div><div></div><div></div><div></div></div> 21/200	0% <div><div></div><div></div><div></div></div> 0/62	0% <div><div></div><div></div><div></div></div> 0/2

## Breakdown by Class

Name	Line Coverage	Mutation Coverage	Test Strength
<a href="#">ClassGen.java</a>	11% <div><div></div><div></div><div></div></div> 21/200	0% <div><div></div><div></div><div></div></div> 0/62	0% <div><div></div><div></div><div></div></div> 0/2

Report generated by [PIT](#) 1.6.3

# Pit Test Coverage Report

## Project Summary

Number of Classes	Line Coverage	Mutation Coverage	Test Strength
1	84% <div><div></div><div></div><div></div></div> 235/280	62% <div><div></div><div></div><div></div></div> 101/163	74% <div><div></div><div></div><div></div></div> 101/136

## Breakdown by Package

Name	Number of Classes	Line Coverage	Mutation Coverage	Test Strength
<a href="#">org.apache.bcel.generic</a>	1	84% <div><div></div><div></div><div></div></div> 235/280	62% <div><div></div><div></div><div></div></div> 101/163	74% <div><div></div><div></div><div></div></div> 101/136

Report generated by [PIT](#) 1.6.3

ConstantPoolGen.class 用时10.03.02 失败的path condition 3 生产的cases 32  
InstructionList 12.39 20.65 31.03  
SimpleElementValueGen  
EnumElementValueGen 2:33:65 2 7  
MULTIANEWARRAY 56秒 0 7  
MethodGen 2:36:09 45 12  
InstructionFactory 6:00:13 2 30  
ClassGen 11:48:46 16 29  
AnnotationEntryGen 6:12:67 6 6

FieldOrMethod 4:36 1 6 jdoop因为他是抽象类，直接略过

util文件夹

InstructionFinder 10:17:86 0 6

classfile文件夹

Utility 14:45:45 0 40 jdoop因为他是抽象类，直接略过

```
Ignoring abstract class org.apache.bcel.generic.FieldOrMethod specified via --classlist or --testclass.
```

所以有10个可用，2个抽象类被略过

开始换算代码覆盖率

# 注意使用-cp的时候jar的位置有时候也会影响结果，最后把所有jar写在一起# 使用-Xlint:deprecation 是因为使用了过时的API javac -Xlint:deprecation -cp  
~/Desktop/bcel/target/classes/:junit-4.12.jar:hamcrest-core-1.3.jar:evosuite-standalone-runtime-1.0.6.jar:evosuite-shaded-1.0.6-SNAPSHOT.jar:~/Desktop/jars/TestsClasses/tests ~/Desktop/jars/TestsClasses/tests/org/apache/bcel/generic/ConstantPoolGen\_MergedTest.java

软件包 'org.apache.bcel.generic' 中的 4% 类, 1% 行已覆盖

软件包 'org.apache.bcel.generic' 中的 7% 类, 2% 行已覆盖

MULTIANEWARRAY	100% (1/1)	81% (9/11)	68% (22/32)
EnumElementValueGen	100% (1/1)	90% (9/10)	51% (17/33)

软件包 'org.apache.bcel.generic' 中的 8% 类, 3% 行已覆盖

SimpleElementValueGen	100% (1/1)	52% (9/17)	22% (22/99)
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软件包 'org.apache.bcel.generic' 中的 66% 类, 25% 行已覆盖

InstructionList	50% (1/2)	63% (45/71)	50% (223/441)
org	41% (165/398)	11% (374/3331)	10% (1693/15664)

覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类” 中的 42% 类, 11% 行已覆盖

搜索: x

	类(%)	方法(%)	行(%)
antlr			
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	42% (171/398)	11% (395/3331)	11% (1751/15664)
report			
shaded			
sun			
xsd			

InstructionList

50% (1/2)

63% (45/71)

50% (223/441)

软件包 'org.apache.bcel.generic' 中的 67% 类, 25% 行已覆盖

覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类” 中的 43% 类, 11% 行已覆盖

元素

类(%)

方法(%)

行(%)

antlr

ch

com

dk

java

javassist

javax

jdk

junit

META-INF

100% (0/0)

100% (0/0)

100% (0/0)

org

43% (175/398)

12% (418/3331)

11% (1807/15664)

report

shaded

sun

xsd

软件包 'org' 中的 43% 类, 11% 行已覆盖

元素	类(%)	方法(%)	行(%)
aopalliance			
apache	43% (175/398)	12% (418/3331)	11% (1807/15664)
classpath			

MethodGen

	40% (2/5)	35% (28/79)	39% (185/466)
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软件包 'org.apache.bcel.generic' 中的 69% 类, 26% 行已覆盖

覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类” 中的 49% 类, 13% 行已覆盖

元素	类(%)	方法(%)	行(%)
antlr			
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	49% (196/398)	15% (505/3331)	13% (2066/15664)
report			
shaded			
sun			
xsd			

软件包 'org' 中的 49% 类, 13% 行已覆盖

元素	类(%)	方法(%)	行(%)
aopalliance			
apache	49% (196/398)	15% (505/3331)	13% (2066/15664)
classpath			

覆盖率: SimpleElementValueGen\_MergedTest

软件包 'org.apache.bcel.generic' 中的 75% 类, 30% 行已覆盖

元素	类(%)	方法(%)	行(%)
InstructionFactory	100% (2/2)	86% (37/43)	35% (82/232)

覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类”中的 58% 类, 17% 行已覆盖

元素	类(%)	方法(%)	行(%)
antlr			
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	58% (232/398)	20% (675/3331)	17% (2810/15664)
report			
shaded			
sun			

软件包 'org' 中的 58% 类, 17% 行已覆盖

元素	类(%)	方法(%)	行(%)
aopalliance			
apache	58% (232/398)	20% (675/3331)	17% (2810/15664)
classpath			

软件包 'org.apache.bcel.generic' 中的 76% 类, 34% 行已覆盖

元素	类(%)	方法(%)	行(%)
ClassGen	100% (2/2)	66% (37/56)	66% (138/206)

覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类”中的 58% 类, 18% 行已覆盖

元素	类(%)	方法(%)	行(%)
antlr			
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	58% (232/398)	20% (685/3331)	18% (2841/15664)
report			
shaded			

软件包 'org' 中的 58% 类, 18% 行已覆盖

元素	类(%)	方法(%)	行(%)
aopalliance			
apache	58% (232/398)	20% (685/3331)	18% (2841/15664)
classpath			



覆盖率: SimpleElementValueGen\_MergedTest

↑ 软件包 'org.apache.bcel.generic' 中的 76% 类, 34% 行已覆盖

AnnotationEntryGen	100% (1/1)	66% (12/18)	26% (44/168)
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覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类” 中的 59% 类, 18% 行已覆盖

元素	类(%)	方法(%)	行(%)
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	59% (237/398)	21% (705/3331)	18% (2879/15665)
report			
shaded			
sun			

↑ 软件包 'org' 中的 59% 类, 18% 行已覆盖

元素	类(%)	方法(%)	行(%)
aopalliance			
apache	59% (237/398)	21% (705/3331)	18% (2879/15665)
classpath			
dom4j			

覆盖率: SimpleElementValueGen\_MergedTest

软件包 'org.apache.bcel.generic' 中的 78% 类, 35% 行已覆盖

FieldOrMethod	100% (1/1)	100% (8/8)	53% (16/30)
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Apache Commons BCEL

覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类”中的 59% 类, 19% 行已覆盖

元素	类(%)	方法(%)	行(%)
antlr			
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	59% (238/398)	21% (720/3331)	19% (3009/15665)
report			

覆盖率: SimpleElementValueGen\_MergedTest

软件包 'org' 中的 59% 类, 19% 行已覆盖

覆盖率: SimpleElementValueGen\_MergedTest

软件包 'org.apache.bcel.util' 中的 39% 类, 16% 行已覆盖

InstructionFinder	100% (1/1)	92% (12/13)	91% (122/133)
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覆盖率: SimpleElementValueGen\_MergedTest

“范围中的所有类”中的 60% 类, 20% 行已覆盖

元素	类(%)	方法(%)	行(%)
antlr			
ch			
com			
dk			
java			
javassist			
javax			
jdk			
junit			
META-INF	100% (0/0)	100% (0/0)	100% (0/0)
org	60% (239/398)	22% (761/3331)	20% (3144/15665)
report			

覆盖率: SimpleElementValueGen\_MergedTest

软件包 'org' 中的 60% 类, 20% 行已覆盖

元素	类(%)	方法(%)	行(%)
aopalliance			
apache	60% (239/398)	22% (761/3331)	20% (3144/15665)
classpath			

软件包 'org.apache.bcel.classfile' 中的 63% 类, 21% 行已覆盖			
Utility	75% (3/4)	85% (47/55)	33% (181/540)