

After GenASM removal:

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1.    [junit] Running scala.tools.nsc.backend.jvm.opt.CallGraphTest
      [junit] Tests run: 4, Failures: 2, Errors: 0, Skipped: 0, Time elapsed: 3.824 sec

!! 1 - pos/sealed-final.scala           [compilation failed]           moved to pending
!! 2 - pos/inline-access-levels         [compilation failed]           migrated to GenBCode
      Added in https://github.com/scala/scala/commit/e6b4204604b667f070f61837a31cbb586107696e
!! 3 - pos/inliner2.scala                [compilation failed]           moved to pending
!! 4 - pos/t3420.scala                   [compilation failed]           migrated to GenBCode
      https://issues.scala-lang.org/browse/SI-3420
!! 5 - pos/t8410.scala                   [compilation failed]           migrated to GenBCode
      https://issues.scala-lang.org/browse/SI-8410

!! 1 - neg/t3234.scala                   [output differs]              trait inlining works, moved to pos!
!! 2 - neg/sealed-final-neg.scala        [output differs]              now testing the real thing,
                                     instead of failing indiscriminately!
      https://github.com/scala/scala/blob/2.12.x/test/files/neg/sealed-final-neg.check
!! 3 - neg/case-collision.scala          [output differs]              started working?
      The order of the error messages changed,      I hope that's not some local artifact...

!! 1 - run/optimizer-array-load.scala    [compilation failed]           migrated to
GenBCode
!! 2 - run/dead-code-elimination.scala    [compilation failed]           migrated to
GenBCode
!! 3 - run/constant-optimization.scala    [compilation failed]           migrated to
GenBCode
!! 4 - run/delambdafy-specialized.scala   [compilation failed]           obsolete
deleted
!! 5 - run/finalvar.scala                 [compilation failed]           migrated to
GenBCode
!! 6 - run/elidable-opt.scala             [compilation failed]           migrated to
GenBCode
!! 7 - run/synchronized.scala            [compilation failed]           migrated to
GenBCode
!! 8 - run/t4285.scala                    [compilation failed]           migrated to
GenBCode
!! 9 - run/t3569.scala                    [compilation failed]           migrated to
GenBCode
!! 10 - run/t3509.scala                   [compilation failed]           migrated to
GenBCode
!! 11 - run/t4935.scala                   [compilation failed]           migrated to
GenBCode
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!! 12 - run/t6188.scala	[compilation failed]	migrated to
GenBCode		
!! 13 - run/t6546	[compilation failed]	obsolete -> deleted
new inner class, java/lang/invoke/MethodHandles\$Lookup, shows up		
!! 14 - run/t5313.scala	[output differs]	depends on ICode, moved to
pending		
!! 15 - run/t7008-scala-defined	[compilation failed]	crashes GenBCode
!! 16 - run/sbt-icode-interface.scala	[output differs]	migrated to GenBCode
!! 17 - run/t7459b-optimize.scala	[compilation failed]	migrated to
GenBCode		
!! 18 - run/t7582	[compilation failed]	migrated to
GenBCode		
!! 19 - run/t7582b	[compilation failed]	migrated to
GenBCode		
!! 20 - run/t8601-closure-elim.scala	[compilation failed]	migrated to
-Ydelambdafy:method		
new \$anonfun -> it looks like inliner didn't inline what was expected		
!! 21 - run/t8601.scala	[compilation failed]	migrated to
GenBCode		
!! 22 - run/icode-reader-dead-code.scala	[output differs]	migrated to GenBCode;
also: ICode		
!! 23 - run/t8601b.scala	[compilation failed]	migrated to
GenBCode		
!! 24 - run/t8601c.scala	[compilation failed]	migrated to
GenBCode		
!! 25 - run/t8601d.scala	[compilation failed]	migrated to
GenBCode		
!! 26 - run/t8601e	[compilation failed]	migrated to
GenBCode		
!! 27 - run/t9403	[compilation failed]	migrated to
GenBCode		
!! 28 - run/t9003.scala	[compilation failed]	migrated to
GenBCode		
!! 29 - run/t6956.scala	[non-zero exit code]	moved to pending
expects 2 switches, finds 0; optimizer issue?		also: ICode
!! 30 - run/t5789.scala	[output differs]	migrated to GenBCode
!! 31 - run/t6955.scala	[non-zero exit code]	moved to pending
expects 2 switches, finds 0; optimizer issue?		also: ICode
!! 32 - run/inline-ex-handlers.scala	[output differs]	moved to pending
see error message below. optimize isn't set explicitly, maybe due to		
printIcodeAfterPhase = "inlinehandlers"?		also:
ICode		

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!! 33 - run/test-cpp.scala [output differs] moved to pending
    see error message below. optimize isn't set explicitly, maybe due to
    printIcodeAfterPhase = "dce"? also: ICode
!! 34 - run/reify_copypaste1 <<HANGING TEST>>

!! 1 - jvm/bytecode-test-example [compilation failed] migrated to
GenBCode
!! 2 - jvm/constant-optimization [compilation failed] opt missing, moved
to pending
!! 3 - jvm/innerClassEnclMethodJavaReflection.scala [output differs] started working?
    (scala.reflect.internal.Types$ExistentialType$$anonfun$quantifierOwner$1, java.lang.InternalError: Enclosing method not found)
!! 4 - jvm/patmat_opt_ignore_underscore [compilation failed] opt missing
(redundant load/store)
    moved to pending
!! 5 - jvm/patmat_opt_no_nullcheck [compilation failed] diff. numbers only,
should be fine
!! 6 - jvm/patmat_opt_primitive_typedtest [compilation failed] opt missing
(redundant load/store)
    moved to pending
!! 7 - jvm/nooptimise [compilation failed] obsolete?
deleted
!! 8 - jvm/t7006 [compilation failed] moved to pending

!! 1 - instrumented/inline-in-constructors [compilation failed] migrated to GenBCode

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===== JUNIT 1. =====

Testsuite: scala.tools.nsc.backend.jvm.opt.CallGraphTest

Tests run: 4, Failures: 2, Errors: 0, Skipped: 0, Time elapsed: 3.824 sec

Testcase: argInfoAfterInlining took 2.446 sec

FAILED

expected:<List(> but was:<List((1,FunctionLiteral))>

junit.framework.AssertionFailedError: expected:<List(> but was:<List((1,FunctionLiteral))>

at scala.tools.nsc.backend.jvm.opt.CallGraphTest.argInfoAfterInlining(CallGraphTest.scala:225)

Testcase: checkArgInfos took 0.412 sec

FAILED

expected:<List(> but was:<List((1,FunctionLiteral))>

junit.framework.AssertionFailedError: expected:<List(> but was:<List((1,FunctionLiteral))>

at scala.tools.nsc.backend.jvm.opt.CallGraphTest.checkArgInfos(CallGraphTest.scala:195)

Testcase: callGraphStructure took 0.338 sec

Testcase: callerSensitiveNotSafeToInline took 0.106 sec

===== RUN 15. =====

java.lang.AssertionError: assertion failed: Cannot create ClassBType from non-class symbol type E1

at scala.tools.nsc.Global.assert(Global.scala:260)

at scala.tools.nsc.backend.jvm.BTypesFromSymbols\$classBTypeFromSymbol(BTypesFromSymbols.scala:109)

at scala.tools.nsc.backend.jvm.BCodeHelpers\$BCInnerClassGen\$class.getClassBTypeAndRegisterInnerClass(BCodeHelpers.scala:653)

at scala.tools.nsc.backend.jvm.BCodeSkelBuilder\$PlainSkelBuilder.getClassBTypeAndRegisterInnerClass(BCodeSkelBuilder.scala:48)

at scala.tools.nsc.backend.jvm.BCodeHelpers\$BCInnerClassGen\$class.internalName(BCodeHelpers.scala:642)

at scala.tools.nsc.backend.jvm.BCodeSkelBuilder\$PlainSkelBuilder.internalName(BCodeSkelBuilder.scala:48)

===== RUN 32. =====

warning: Conflicting compiler settings were detected. Some settings will be ignored.

Compiler settings for the 2.11 optimizer (-optimise) are incompatible with -Ybackend:GenBCode (which is the default in 2.12).

The optimizer settings are ignored. See -Yopt:help for enabling the new optimizer in 2.12.

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