

| n | test | initial elements | final elements | diff | % |
|----|---|------------------|----------------|------|-------|
| 1 | org.openiaml.model.tests.codegen.model0_1.LoginHandlerKey | 13 | 113 | 100 | 769% |
| 2 | org.openiaml.model.tests.codegen.model0_1.SimpleTestCase | 9 | 96 | 87 | 967% |
| 3 | org.openiaml.model.tests.codegen.model0_1.SyncFieldApplicationElementProperty | 5 | 27 | 22 | 440% |
| 4 | org.openiaml.model.tests.codegen.model0_1.SyncFieldDomainAttribute | 7 | 58 | 51 | 729% |
| 5 | org.openiaml.model.tests.codegen.model0_1.SyncFormDomainObject | 11 | 142 | 131 | 1191% |
| 6 | org.openiaml.model.tests.codegen.model0_1.SyncStaticValueField | 5 | 27 | 22 | 440% |
| 7 | org.openiaml.model.tests.codegen.model0_1.SyncWiresMultiple | 24 | 278 | 254 | 1058% |
| 8 | org.openiaml.model.tests.codegen.model0_1.SyncWiresPagesTestCase | 24 | 342 | 318 | 1325% |
| 9 | org.openiaml.model.tests.codegen.model0_1.SyncWiresProperties | 9 | 142 | 133 | 1478% |
| 10 | org.openiaml.model.tests.codegen.model0_1.SyncWiresTestCase | 11 | 142 | 131 | 1191% |
| 11 | org.openiaml.model.tests.codegen.model0_2.ConditionWireFalse | 10 | 63 | 53 | 530% |
| 12 | org.openiaml.model.tests.codegen.model0_2.ConditionWireFalseServer | 11 | 67 | 56 | 509% |
| 13 | org.openiaml.model.tests.codegen.model0_2.ReloadPage | 3 | 25 | 22 | 733% |
| 14 | org.openiaml.model.tests.codegen.model0_2.Requirement1SyncWires | 11 | 158 | 147 | 1336% |
| 15 | org.openiaml.model.tests.codegen.model0_2.Requirement2StaticParams | 8 | 28 | 20 | 250% |
| 16 | org.openiaml.model.tests.codegen.model0_2.Requirement3DynamicParams | 8 | 35 | 27 | 338% |
| 17 | org.openiaml.model.tests.codegen.model0_2.Requirement4DynamicSources | 13 | 238 | 225 | 1731% |
| 18 | org.openiaml.model.tests.codegen.model0_2.Requirement5Operations | 23 | 84 | 61 | 265% |
| 19 | org.openiaml.model.tests.codegen.model0_2.Requirement6Conditions | 10 | 63 | 53 | 530% |
| 20 | org.openiaml.model.tests.codegen.model0_3.ButtonNavigate | 10 | 13 | 3 | 30% |
| 21 | org.openiaml.model.tests.codegen.model0_3.ButtonSetValue | 23 | 105 | 82 | 357% |
| 22 | org.openiaml.model.tests.codegen.model0_3.DatabaseWithInputForm | 11 | 89 | 78 | 709% |
| 23 | org.openiaml.model.tests.codegen.model0_3.DataFlowTemporaryVariable | 23 | 63 | 40 | 174% |
| 24 | org.openiaml.model.tests.codegen.model0_3.FailingOperation | 8 | 8 | 0 | 0% |
| 25 | org.openiaml.model.tests.codegen.model0_3.FailingOperationHandler | 10 | 11 | 1 | 10% |
| 26 | org.openiaml.model.tests.codegen.model0_3.FailingOperationHandlerSession | 12 | 16 | 4 | 33% |
| 27 | org.openiaml.model.tests.codegen.model0_3.FailingOperationHandlerSessionConti | 13 | 17 | 4 | 31% |
| 28 | org.openiaml.model.tests.codegen.model0_3.FailingOperationHandlerSessionMulti | 19 | 22 | 3 | 16% |
| 29 | org.openiaml.model.tests.codegen.model0_3.NewInstanceAttributeSession | 13 | 98 | 85 | 654% |
| 30 | org.openiaml.model.tests.codegen.model0_3.NewInstanceAttributeSessionAutosav | 16 | 101 | 85 | 531% |
| 31 | org.openiaml.model.tests.codegen.model0_3.NewInstanceObject | 13 | 146 | 133 | 1023% |
| 32 | org.openiaml.model.tests.codegen.model0_3.NewInstanceObjectAutosave | 16 | 148 | 132 | 825% |
| 33 | org.openiaml.model.tests.codegen.model0_3.PropertiesFileWithInputForm | 11 | 89 | 78 | 709% |
| 34 | org.openiaml.model.tests.codegen.model0_3.SelectField | 12 | 107 | 95 | 792% |
| 35 | org.openiaml.model.tests.codegen.model0_3.SelectFieldExplicit | 12 | 107 | 95 | 792% |

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|----|---|----|-------|-------|-------|
| 36 | org.openiaml.model.tests.codegen.model0_3.SelectFieldFromDynamicObject | 16 | 169 | 153 | 956% |
| 37 | org.openiaml.model.tests.codegen.model0_3.SelectFieldFromDynamicQuery | 15 | 130 | 115 | 767% |
| 38 | org.openiaml.model.tests.codegen.model0_3.SelectFieldFromDynamicQueryAutos: | 18 | 133 | 115 | 639% |
| 39 | org.openiaml.model.tests.codegen.model0_3.SelectFieldFromObject | 13 | 171 | 158 | 1215% |
| 40 | org.openiaml.model.tests.codegen.model0_3.SelectFieldFromObjectQuery | 15 | 173 | 158 | 1053% |
| 41 | org.openiaml.model.tests.codegen.model0_3.SelectFieldQuery | 14 | 109 | 95 | 679% |
| 42 | org.openiaml.model.tests.codegen.model0_3.SelectMissing | 14 | 109 | 95 | 679% |
| 43 | org.openiaml.model.tests.codegen.model0_3.SelectMissingExpected | 16 | 112 | 96 | 600% |
| 44 | org.openiaml.model.tests.codegen.model0_3.SessionInit | 9 | 31 | 22 | 244% |
| 45 | org.openiaml.model.tests.codegen.model0_3.SessionSinglePage | 6 | 52 | 46 | 767% |
| 46 | org.openiaml.model.tests.codegen.model0_3.SessionSyncInSession | 10 | 96 | 86 | 860% |
| 47 | org.openiaml.model.tests.codegen.model0_3.SessionSyncWires | 7 | 64 | 57 | 814% |
| 48 | org.openiaml.model.tests.codegen.model0_3.SessionSyncWiresMultiple | 17 | 188 | 171 | 1006% |
| 49 | org.openiaml.model.tests.codegen.model0_3.TestProgressMonitor | 11 | 89 | 78 | 709% |
| 50 | org.openiaml.model.tests.codegen.model0_4.DomainInheritance | 57 | 1,444 | 1,387 | 2433% |
| 51 | org.openiaml.model.tests.codegen.model0_4.DomainInheritanceEditing | 76 | 2,094 | 2,018 | 2655% |
| 52 | org.openiaml.model.tests.codegen.model0_4.JoinSplitClientSide | 35 | 96 | 61 | 174% |
| 53 | org.openiaml.model.tests.codegen.model0_4.JoinSplitServerSide | 35 | 95 | 60 | 171% |
| 54 | org.openiaml.model.tests.codegen.model0_4.LoginHandlerInstance | 15 | 217 | 202 | 1347% |
| 55 | org.openiaml.model.tests.codegen.model0_4.LoginHandlerInstanceComplete | 20 | 277 | 257 | 1285% |
| 56 | org.openiaml.model.tests.codegen.model0_4.LoginHandlerInstanceMultiple | 17 | 280 | 263 | 1547% |
| 57 | org.openiaml.model.tests.codegen.model0_4.LoginHandlerUser | 13 | 285 | 272 | 2092% |
| 58 | org.openiaml.model.tests.codegen.model0_4.NewInstanceWithoutId | 9 | 100 | 91 | 1011% |
| 59 | org.openiaml.model.tests.codegen.model0_4.OperationCallNode | 22 | 43 | 21 | 95% |
| 60 | org.openiaml.model.tests.codegen.model0_4.QueryParameterAsParameter | 13 | 184 | 171 | 1315% |
| 61 | org.openiaml.model.tests.codegen.model0_4.QueryParameterSet | 5 | 27 | 22 | 440% |
| 62 | org.openiaml.model.tests.codegen.model0_4.SessionNewDomainInstance | 14 | 108 | 94 | 671% |
| 63 | org.openiaml.model.tests.codegen.model0_4.SetWireChained | 13 | 145 | 132 | 1015% |
| 64 | org.openiaml.model.tests.codegen.model0_4.SetWireClient | 5 | 54 | 49 | 980% |
| 65 | org.openiaml.model.tests.codegen.model0_4.SetWireRemote | 7 | 78 | 71 | 1014% |
| 66 | org.openiaml.model.tests.codegen.model0_4.SetWireSync | 7 | 85 | 78 | 1114% |
| 67 | org.openiaml.model.tests.codegen.model0_4.SetWireSyncChained | 9 | 89 | 80 | 889% |
| 68 | org.openiaml.model.tests.codegen.model0_4.UserCreateRoles | 16 | 445 | 429 | 2681% |
| 69 | org.openiaml.model.tests.codegen.model0_4.UserModifyRoles | 57 | 700 | 643 | 1128% |
| 70 | org.openiaml.model.tests.codegen.model0_4.UserMultiplePermissions | 17 | 427 | 410 | 2412% |
| 71 | org.openiaml.model.tests.codegen.model0_4.UserMultiplePermissionsAndRoles | 18 | 428 | 410 | 2278% |

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| 72 | org.openiaml.model.tests.codegen.model0_4.UserMultiplePermissionsOr | 18 | 428 | 410 | 2278% |
| 73 | org.openiaml.model.tests.codegen.model0_4.UserPermissions | 13 | 371 | 358 | 2754% |
| 74 | org.openiaml.model.tests.codegen.model0_4.UserPermissionsPage | 16 | 403 | 387 | 2419% |
| 75 | org.openiaml.model.tests.codegen.model0_4.UserPermissionsRecursive | 19 | 454 | 435 | 2289% |
| 76 | org.openiaml.model.tests.codegen.model0_4.UserRoleExtends | 14 | 385 | 371 | 2650% |
| 77 | org.openiaml.model.tests.codegen.model0_4.UserRoles | 8 | 314 | 306 | 3825% |
| 78 | org.openiaml.model.tests.codegen.model0_4.UserRolesLoginHandler | 11 | 327 | 316 | 2873% |
| 79 | org.openiaml.model.tests.codegen.TestExceptionHandler | 2 | 3 | 1 | 50% |
| 80 | org.openiaml.model.tests.codegen.TestIncludeLibraries | 5 | 27 | 22 | 440% |
| 81 | org.openiaml.model.tests.inference.ConditionWireFalse | 10 | 63 | 53 | 530% |
| 82 | org.openiaml.model.tests.inference.ConditionWireFalseServer | 11 | 67 | 56 | 509% |
| 83 | org.openiaml.model.tests.inference.ConditionWireXPath | 7 | 85 | 78 | 1114% |
| 84 | org.openiaml.model.tests.inference.ConditionWireXPathThreePages | 9 | 142 | 133 | 1478% |
| 85 | org.openiaml.model.tests.inference.DatabaseWithInputForm | 11 | 89 | 78 | 709% |
| 86 | org.openiaml.model.tests.inference.model0_3.InputFormInstanceMapping | 11 | 156 | 145 | 1318% |
| 87 | org.openiaml.model.tests.inference.model0_3.NewInstanceWireMapping | 8 | 93 | 85 | 1063% |
| 88 | org.openiaml.model.tests.inference.model0_3.PropertiesFileMapping | 3 | 53 | 50 | 1667% |
| 89 | org.openiaml.model.tests.inference.model0_4.DomainInheritance | 57 | 1,444 | 1,387 | 2433% |
| 90 | org.openiaml.model.tests.inference.model0_4.DomainInheritanceEditing | 76 | 2,094 | 2,018 | 2655% |
| 91 | org.openiaml.model.tests.inference.model0_4.DomainInstanceSaveOperation | 3 | 15 | 12 | 400% |
| 92 | org.openiaml.model.tests.inference.model0_4.GeneratedPrimaryKey | 3 | 16 | 13 | 433% |
| 93 | org.openiaml.model.tests.inference.model0_4.LoginHandlerInstance | 15 | 217 | 202 | 1347% |
| 94 | org.openiaml.model.tests.inference.model0_4.LoginHandlerInstanceMultiple | 17 | 280 | 263 | 1547% |
| 95 | org.openiaml.model.tests.inference.model0_4.LoginHandlerKey | 13 | 113 | 100 | 769% |
| 96 | org.openiaml.model.tests.inference.model0_4.OperationCallNode | 22 | 43 | 21 | 95% |
| 97 | org.openiaml.model.tests.inference.model0_4.SelectWireAttributeInference | 8 | 98 | 90 | 1125% |
| 98 | org.openiaml.model.tests.inference.model0_4.SetWireClient | 5 | 54 | 49 | 980% |
| 99 | org.openiaml.model.tests.inference.model0_4.UserModifyRoles | 57 | 700 | 643 | 1128% |
| 100 | org.openiaml.model.tests.inference.model0_4.UserRoles | 8 | 314 | 306 | 3825% |
| 101 | org.openiaml.model.tests.inference.model0_4.UserRolesLoginHandler | 11 | 380 | 369 | 3355% |
| 102 | org.openiaml.model.tests.inference.PropertiesFileWithInputForm | 11 | 89 | 78 | 709% |
| 103 | org.openiaml.model.tests.inference.SavedRuleSources | 7 | 85 | 78 | 1114% |
| 104 | org.openiaml.model.tests.inference.SelectField | 12 | 107 | 95 | 792% |
| 105 | org.openiaml.model.tests.inference.SelectFieldFromObject | 13 | 171 | 158 | 1215% |
| 106 | org.openiaml.model.tests.inference.SessionSyncWires | 7 | 64 | 57 | 814% |
| 107 | org.openiaml.model.tests.inference.SyncFieldDomainAttribute | 7 | 58 | 51 | 729% |

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|-----|---|----|-----|-----|-------|
| 108 | org.openiaml.model.tests.inference.SyncFormDomainObject | 11 | 142 | 131 | 1191% |
| 109 | org.openiaml.model.tests.inference.SyncWireProperties | 9 | 142 | 133 | 1478% |
| 110 | org.openiaml.model.tests.inference.SyncWireTestCase | 11 | 142 | 131 | 1191% |