

Overview

References

- [jqassistant](#)
- [py2neo](#)

Artifacts

Table 1 - Types per artifact

| | artifactName | languageElement | numberOfTypes |
|----|--------------------------|-----------------|---------------|
| 0 | axon-eventsourcing-4.8.0 | Interface | 31 |
| 1 | axon-eventsourcing-4.8.0 | Class | 96 |
| 2 | axon-eventsourcing-4.8.0 | Annotation | 1 |
| 3 | axon-eventsourcing-4.8.0 | Enum | 2 |
| 4 | axon-disruptor-4.8.0 | Class | 22 |
| 5 | axon-messaging-4.8.0 | Class | 570 |
| 6 | axon-messaging-4.8.0 | Interface | 147 |
| 7 | axon-messaging-4.8.0 | Enum | 19 |
| 8 | axon-messaging-4.8.0 | Annotation | 26 |
| 9 | axon-configuration-4.8.0 | Interface | 15 |
| 10 | axon-configuration-4.8.0 | Class | 22 |
| 11 | axon-configuration-4.8.0 | Annotation | 1 |
| 12 | axon-configuration-4.8.0 | Enum | 1 |
| 13 | axon-test-4.8.0 | Class | 71 |
| 14 | axon-test-4.8.0 | Interface | 16 |
| 15 | axon-modelling-4.8.0 | Class | 109 |
| 16 | axon-modelling-4.8.0 | Enum | 3 |
| 17 | axon-modelling-4.8.0 | Annotation | 12 |
| 18 | axon-modelling-4.8.0 | Interface | 26 |

Table 2 - Types per artifact (grouped)

| languageElement | Class | Interface | Annotation | Enum |
|--------------------------|-------|-----------|------------|------|
| artifactName | | | | |
| axon-messaging-4.8.0 | 570 | 147 | 26 | 19 |
| axon-modelling-4.8.0 | 109 | 26 | 12 | 3 |
| axon-eventsourcing-4.8.0 | 96 | 31 | 1 | 2 |
| axon-test-4.8.0 | 71 | 16 | 0 | 0 |
| axon-configuration-4.8.0 | 22 | 15 | 1 | 1 |
| axon-disruptor-4.8.0 | 22 | 0 | 0 | 0 |

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Table 3 - Types per artifact (grouped and normalized in %)

| languageElement | Class | Interface | Annotation | Enum |
|--------------------------|------------|-----------|------------|----------|
| artifactName | | | | |
| axon-messaging-4.8.0 | 74.803150 | 19.291339 | 3.412073 | 2.493438 |
| axon-modelling-4.8.0 | 72.666667 | 17.333333 | 8.000000 | 2.000000 |
| axon-eventsourcing-4.8.0 | 73.846154 | 23.846154 | 0.769231 | 1.538462 |
| axon-test-4.8.0 | 81.609195 | 18.390805 | 0.000000 | 0.000000 |
| axon-configuration-4.8.0 | 56.410256 | 38.461538 | 2.564103 | 2.564103 |
| axon-disruptor-4.8.0 | 100.000000 | 0.000000 | 0.000000 | 0.000000 |

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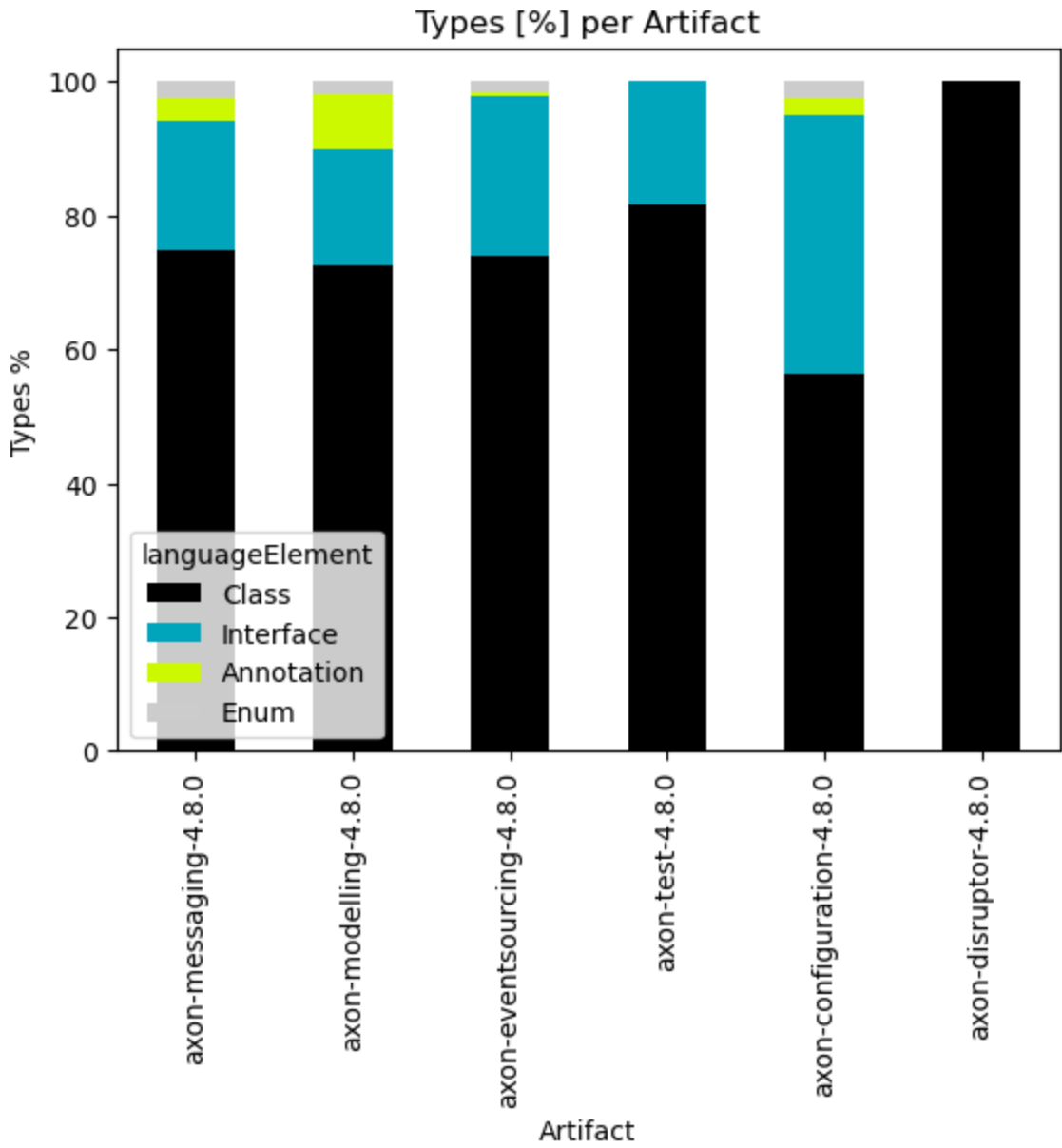
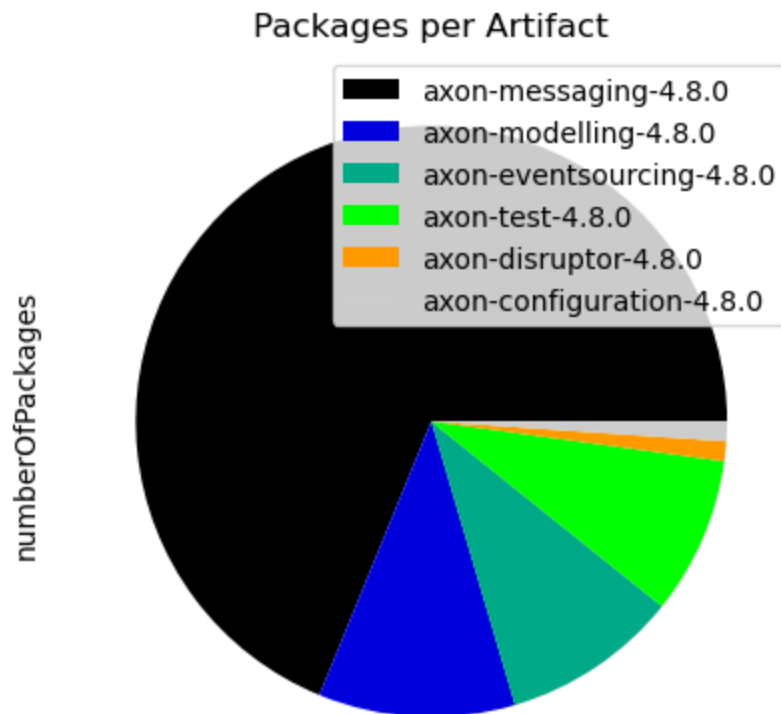


Table 4 - Number of packages per artifact

| artifactName | numberOfPackages |
|--------------------------|------------------|
| axon-messaging-4.8.0 | 64 |
| axon-modelling-4.8.0 | 10 |
| axon-eventsourcing-4.8.0 | 9 |
| axon-test-4.8.0 | 8 |
| axon-disruptor-4.8.0 | 1 |
| axon-configuration-4.8.0 | 1 |

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Effective Method Line Count

Table 5 - Effective method line count distribution

The table shown here only includes the first 10 rows which typically represents the most significant entries. Have a look below to find out which packages and methods have the highest effective lines of code.

| artifactName | axon-configuration-4.8.0.jar | axon-disruptor-4.8.0.jar | axon-eventsourcing-4.8.0.jar | axon-messaging-4.8.0.jar | axon-modelling-4.8.0.jar | axon-test-4.8.0.jar |
|--------------------|------------------------------|--------------------------|------------------------------|--------------------------|--------------------------|---------------------|
| effectiveLineCount | | | | | | |
| 1 | 308 | 84 | 567 | 2736 | 524 | 279 |
| 2 | 135 | 31 | 197 | 788 | 146 | 168 |
| 3 | 35 | 30 | 123 | 642 | 136 | 64 |
| 4 | 32 | 8 | 64 | 271 | 56 | 49 |
| 5 | 16 | 5 | 40 | 216 | 45 | 24 |
| 6 | 16 | 6 | 33 | 150 | 44 | 18 |
| 7 | 2 | 2 | 31 | 98 | 22 | 20 |
| 8 | 7 | 0 | 11 | 81 | 10 | 11 |
| 9 | 8 | 4 | 17 | 72 | 17 | 11 |
| 10 | 6 | 3 | 8 | 47 | 8 | 3 |

Table 6 - Effective method line count distribution (normalized)

The table shown here only includes the first 10 rows which typically represents the most significant entries. Have a look below to find out which packages and methods have the highest effective lines of code.

| artifactName | axon-configuration-4.8.0.jar | axon-disruptor-4.8.0.jar | axon-eventsourcing-4.8.0.jar | axon-messaging-4.8.0.jar | axon-modelling-4.8.0.jar | axon-test-4.8.0.jar |
|--------------------|------------------------------|--------------------------|------------------------------|--------------------------|--------------------------|---------------------|
| effectiveLineCount | | | | | | |
| 1 | 52.920962 | 45.652174 | 50.489760 | 51.554551 | 50.000000 | 40.201729 |
| 2 | 23.195876 | 16.847826 | 17.542297 | 14.848314 | 13.931298 | 24.207493 |
| 3 | 6.013746 | 16.304348 | 10.952805 | 12.097230 | 12.977099 | 9.221902 |
| 4 | 5.498282 | 4.347826 | 5.699020 | 5.106463 | 5.343511 | 7.060519 |
| 5 | 2.749141 | 2.717391 | 3.561888 | 4.070096 | 4.293893 | 3.458213 |
| 6 | 2.749141 | 3.260870 | 2.938557 | 2.826456 | 4.198473 | 2.593660 |
| 7 | 0.343643 | 1.086957 | 2.760463 | 1.846618 | 2.099237 | 2.881844 |
| 8 | 1.202749 | 0.000000 | 0.979519 | 1.526286 | 0.954198 | 1.585014 |
| 9 | 1.374570 | 2.173913 | 1.513802 | 1.356699 | 1.622137 | 1.585014 |
| 10 | 1.030928 | 1.630435 | 0.712378 | 0.885623 | 0.763359 | 0.432277 |

<Figure size 640x480 with 0 Axes>



Table 7 - Cyclomatic method complexity distribution

The table shown here only includes the first 10 rows which typically represents the most significant entries. Have a look below to find out which packages and methods have the highest effective lines of code.

| artifactName | axon-configuration-4.8.0.jar | axon-disruptor-4.8.0.jar | axon-eventsourcing-4.8.0.jar | axon-messaging-4.8.0.jar | axon-modelling-4.8.0.jar | axon-test-4.8.0.jar |
|----------------------|------------------------------|--------------------------|------------------------------|--------------------------|--------------------------|---------------------|
| cyclomaticComplexity | | | | | | |
| 1 | 521 | 146 | 926 | 4269 | 867 | 517 |
| 2 | 35 | 20 | 92 | 442 | 76 | 60 |
| 3 | 16 | 5 | 54 | 280 | 37 | 60 |
| 4 | 5 | 4 | 24 | 138 | 28 | 22 |
| 5 | 3 | 3 | 9 | 68 | 23 | 12 |
| 6 | 0 | 2 | 3 | 45 | 11 | 9 |
| 7 | 2 | 2 | 7 | 20 | 2 | 4 |
| 8 | 0 | 2 | 7 | 13 | 1 | 3 |
| 9 | 0 | 0 | 0 | 7 | 2 | 1 |
| 10 | 0 | 0 | 0 | 4 | 0 | 1 |

Table 8 - Cyclomatic method complexity distribution (normalized)

The table shown here only includes the first 10 rows which typically represents the most significant entries. Have a look below to find out which packages and methods have the highest effective lines of code.

| artifactName | axon-configuration-4.8.0.jar | axon-disruptor-4.8.0.jar | axon-eventsourcing-4.8.0.jar | axon-messaging-4.8.0.jar | axon-modelling-4.8.0.jar | axon-test-4.8.0.jar |
|----------------------|------------------------------|--------------------------|------------------------------|--------------------------|--------------------------|---------------------|
| cyclomaticComplexity | | | | | | |
| 1 | 89.518900 | 79.347826 | 82.457703 | 80.440927 | 82.729008 | 74.495677 |
| 2 | 6.013746 | 10.869565 | 8.192342 | 8.328623 | 7.251908 | 8.645533 |
| 3 | 2.749141 | 2.717391 | 4.808549 | 5.276050 | 3.530534 | 8.645533 |
| 4 | 0.859107 | 2.173913 | 2.137133 | 2.600339 | 2.671756 | 3.170029 |
| 5 | 0.515464 | 1.630435 | 0.801425 | 1.281327 | 2.194656 | 1.729107 |
| 6 | 0.000000 | 1.086957 | 0.267142 | 0.847937 | 1.049618 | 1.296830 |
| 7 | 0.343643 | 1.086957 | 0.623330 | 0.376861 | 0.190840 | 0.576369 |
| 8 | 0.000000 | 1.086957 | 0.623330 | 0.244959 | 0.095420 | 0.432277 |
| 9 | 0.000000 | 0.000000 | 0.000000 | 0.131901 | 0.190840 | 0.144092 |
| 10 | 0.000000 | 0.000000 | 0.000000 | 0.075372 | 0.000000 | 0.144092 |

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Table 9 - Top 10 packages with highest effective line counts

| | artifactName | fullPackageName | linesInPackage | methodCount | maxLinesMethod | maxLinesMethodName |
|---|--------------------------|---|----------------|-------------|----------------|--------------------------|
| 0 | axon-messaging-4.8.0 | org.axonframework.eventhandling | 2213 | 793 | 64 | processBatch |
| 1 | axon-configuration-4.8.0 | org.axonframework.config | 1503 | 582 | 43 | <init> |
| 2 | axon-test-4.8.0 | org.axonframework.test.aggregate | 951 | 249 | 45 | appendEventOverview |
| 3 | axon-messaging-4.8.0 | org.axonframework.eventhandling.pooled | 939 | 308 | 70 | run |
| 4 | axon-messaging-4.8.0 | org.axonframework.queryhandling | 855 | 342 | 36 | doQuery |
| 5 | axon-messaging-4.8.0 | org.axonframework.eventhandling.deadletter.jdbc | 848 | 249 | 31 | convertToLetter |
| 6 | axon-modelling-4.8.0 | org.axonframework.modelling.command | 784 | 315 | 17 | lambdainitializeHandler7 |
| 7 | axon-eventsourcing-4.8.0 | org.axonframework.eventsourcing.eventstore | 709 | 262 | 21 | peekPrivateStream |
| 8 | axon-messaging-4.8.0 | org.axonframework.messaging.annotation | 673 | 239 | 23 | <init> |
| 9 | axon-modelling-4.8.0 | org.axonframework.modelling.command.inspection | 637 | 218 | 26 | inspectFieldsAndMethods |

Table 10 - Top 10 methods with highest effective line counts

| | artifactName | fullPackageName | maxLinesMethodType | maxLinesMethodName | maxLinesMethod |
|---|--------------------------|--|----------------------------------|---------------------|----------------|
| 0 | axon-messaging-4.8.0 | org.axonframework.eventhandling.pooled | Coordinator\$CoordinationTask | run | 70 |
| 1 | axon-messaging-4.8.0 | org.axonframework.eventhandling | TrackingEventProcessor | processBatch | 64 |
| 2 | axon-messaging-4.8.0 | org.axonframework.commandhandling.gateway | CommandGatewayFactory | createGateway | 50 |
| 3 | axon-test-4.8.0 | org.axonframework.test.aggregate | Reporter | appendEventOverview | 45 |
| 4 | axon-configuration-4.8.0 | org.axonframework.config | EventProcessingModule | <init> | 43 |
| 5 | axon-messaging-4.8.0 | org.axonframework.deadline.quartz | DeadlineJob | execute | 42 |
| 6 | axon-modelling-4.8.0 | org.axonframework.modelling.saga.repository.jdbc | JdbcSagaStore | updateSaga | 38 |
| 7 | axon-messaging-4.8.0 | org.axonframework.queryhandling | SimpleQueryBus | doQuery | 36 |
| 8 | axon-messaging-4.8.0 | org.axonframework.messaging.deadletter | InMemorySequencedDeadLetterQueue | process | 33 |
| 9 | axon-messaging-4.8.0 | org.axonframework.messaging.unitofwork | BatchingUnitOfWork | executeWithResult | 32 |

Table 11 - Top 10 methods with highest cyclomatic complexity

| | artifactName | fullPackageName | maxComplexityType | maxComplexityMethod | maxComplexity |
|---|--------------------------|---|---|---------------------|---------------|
| 0 | axon-messaging-4.8.0 | org.axonframework.eventhandling.scheduling.job... | JobRunrEventScheduler | deserializeLambda | 40 |
| 1 | axon-messaging-4.8.0 | org.axonframework.eventhandling | TrackingEventProcessor | processBatch | 21 |
| 2 | axon-messaging-4.8.0 | org.axonframework.eventhandling.pooled | Coordinator\$CoordinationTask | run | 21 |
| 3 | axon-modelling-4.8.0 | org.axonframework.modelling.saga.repository | AssociationValueMap\$AssociationValueComparator | compare | 16 |
| 4 | axon-messaging-4.8.0 | org.axonframework.eventhandling.deadletter.jpa | DeadLetterEventEntry | equals | 15 |
| 5 | axon-messaging-4.8.0 | org.axonframework.messaging.annotation | AnnotatedMessageHandlingMember | handle | 14 |
| 6 | axon-messaging-4.8.0 | org.axonframework.commandhandling.distributed.... | CommandNameFilter | deserializeLambda | 13 |
| 7 | axon-messaging-4.8.0 | org.axonframework.deadline.jobrunr | JobRunrDeadlineManager | deserializeLambda | 13 |
| 8 | axon-eventsourcing-4.8.0 | org.axonframework.eventsourcing.eventstore | ConcatenatingDomainEventStream | hasNext | 13 |
| 9 | axon-test-4.8.0 | org.axonframework.test.aggregate | AggregateTestFixture | ensureValuesEqual | 13 |