

Overview for Java

References

- [jqassistant](#)
- [Neo4j Python Driver](#)

Overview

Table 1 - Size

```
Received notification from DBMS server: {severity: WARNING} {code: Neo.ClientNotification.Statement.AggregationSkippedNull} {category: UNRECOGNIZED} {title: The query contains an aggregation function that skips null values.} {description: null value eliminated in set function.} {position: None} for query: '// Overview size\n\n MATCH (n\n\n WITH COUNT(n) AS nodeCount\n MATCH ()-[]->()\n WITH nodeCount\n\n (*) AS relationshipCount\n MATCH (a:Artifact:Archive)\n WITH nodeCount\n\n relationshipCount\n\n ,count(DISTINCT a.fileName) AS artifactCount\n MATCH (p:Package)\n WITH nodeCount\n\n ,relationshipCount\n\n ,artifactCount\n\n ,count(DISTINCT p.fqn) AS packageCount\n MATCH (t:Type)\n WITH nodeCount\n\n ,relationshipCount\n\n ,artifactCount\n\n ,packageCount\n\n ,count(DISTINCT t.fqn) AS typeCount\n MATCH (m:Method)\n WITH nodeCount\n\n ,relationshipCount\n\n ,artifactCount\n\n ,packageCount\n\n ,typeCount\n\n ,count(DISTINCT m.signature) AS methodCount\n MATCH (member:Member)\n WITH nodeCount\n\n ,relationshipCount\n\n ,artifactCount\n\n ,packageCount\n\n ,typeCount\n\n ,methodCount\n\n ,count(DISTINCT member.signature) AS memberCount\n RETURN nodeCount\n\n ,relationshipCount\n\n ,artifactCount\n\n ,packageCount\n\n ,typeCount\n\n ,methodCount\n\n ,memberCount'
```

	nodeCount	relationshipCount	artifactCount	packageCount	typeCount	methodCount	memberCount
0	353312	1096434	9	124	2173	8690	10636

Artifacts

Table 2a - Largest 30 types per artifact

This table shows the largest (number of types) artifacts and their kind of types (Class, Interface, Enum, Annotation). The whole table can be found in the CSV report

Number_of_types_per_artifact .

	artifactName	numberOfArtifactTypes	languageElement	numberOfTypes
0	axon-messaging-4.11.0	809	Interface	157
1	axon-messaging-4.11.0	809	Class	606
2	axon-messaging-4.11.0	809	Annotation	27
3	axon-messaging-4.11.0	809	Enum	19
4	axon-modelling-4.11.0	158	Class	115
5	axon-modelling-4.11.0	158	Interface	28
6	axon-modelling-4.11.0	158	Enum	3
7	axon-modelling-4.11.0	158	Annotation	12
8	axon-server-connector-4.11.0	142	Class	116
9	axon-server-connector-4.11.0	142	Interface	25
10	axon-server-connector-4.11.0	142	Enum	1
11	axon-eventsourcing-4.11.0	133	Class	98
12	axon-eventsourcing-4.11.0	133	Interface	32
13	axon-eventsourcing-4.11.0	133	Enum	2
14	axon-eventsourcing-4.11.0	133	Annotation	1
15	axon-spring-boot-autoconfigure-4.11.0	88	Class	82
16	axon-spring-boot-autoconfigure-4.11.0	88	Annotation	3
17	axon-spring-boot-autoconfigure-4.11.0	88	Enum	2
18	axon-spring-boot-autoconfigure-4.11.0	88	Interface	1
19	axon-test-4.11.0	87	Class	71
20	axon-test-4.11.0	87	Interface	16
21	axon-configuration-4.11.0	41	Interface	16
22	axon-configuration-4.11.0	41	Class	23
23	axon-configuration-4.11.0	41	Enum	1
24	axon-configuration-4.11.0	41	Annotation	1
25	axon-disruptor-4.11.0	22	Class	22
26	axon-tracing-opentelemetry-4.11.0	5	Class	5

Table 2b - Largest 30 types per artifact grouped

This table shows the largest (number of types) artifacts each in one row, their kind of types in columns and the count of them as values.

The source data for this aggregated table can be found in the CSV report

Number_of_types_per_artifact .

	languageElement	Class	Interface	Annotation	Enum
artifactName					
axon-messaging-4.11.0		606	157	27	19
axon-modelling-4.11.0		115	28	12	3
axon-server-connector-4.11.0		116	25	0	1
axon-eventsourcing-4.11.0		98	32	1	2
axon-spring-boot-autoconfigure-4.11.0		82	1	3	2
axon-test-4.11.0		71	16	0	0
axon-configuration-4.11.0		23	16	1	1
axon-disruptor-4.11.0		22	0	0	0
axon-tracing-opentelemetry-4.11.0		5	0	0	0

Table 2b Chart 1 - 30 largest artifacts and their types stacked

<Figure size 640x480 with 0 Axes>

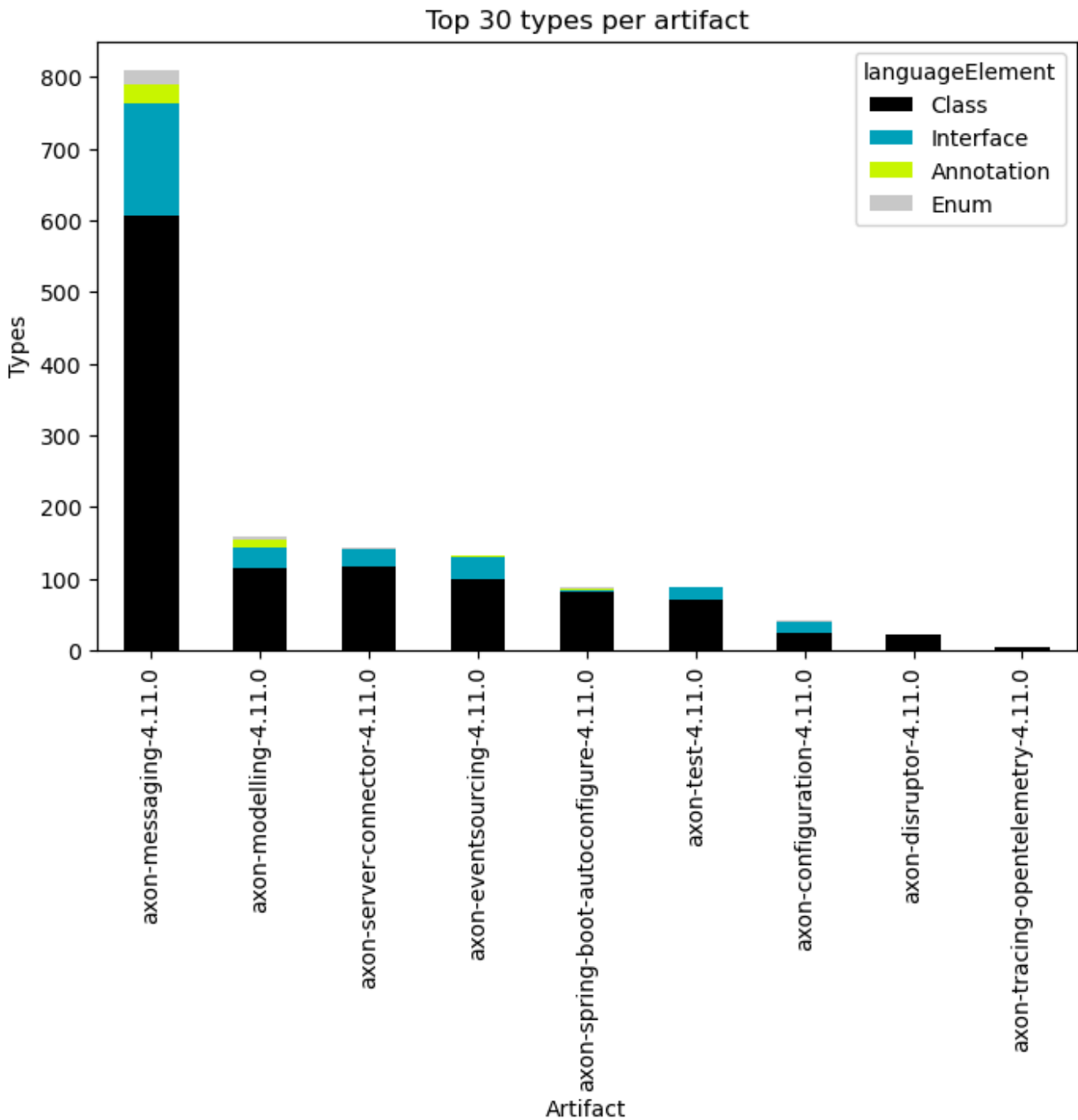


Table 2c - Largest 30 types per artifact (grouped and normalized in %)

languageElement artifactName	Class	Interface	Annotation	Enum
axon-messaging-4.11.0	74.907293	19.406675	3.337454	2.348578
axon-modelling-4.11.0	72.784810	17.721519	7.594937	1.898734
axon-server-connector-4.11.0	81.690141	17.605634	0.000000	0.704225
axon-eventsourcing-4.11.0	73.684211	24.060150	0.751880	1.503759
axon-spring-boot-autoconfigure-4.11.0	93.181818	1.136364	3.409091	2.272727
axon-test-4.11.0	81.609195	18.390805	0.000000	0.000000
axon-configuration-4.11.0	56.097561	39.024390	2.439024	2.439024
axon-disruptor-4.11.0	100.000000	0.000000	0.000000	0.000000
axon-tracing-opentelemetry-4.11.0	100.000000	0.000000	0.000000	0.000000

Table 2c Chart 1 - Top 30 artifacts with the highest relative amount of classes in %

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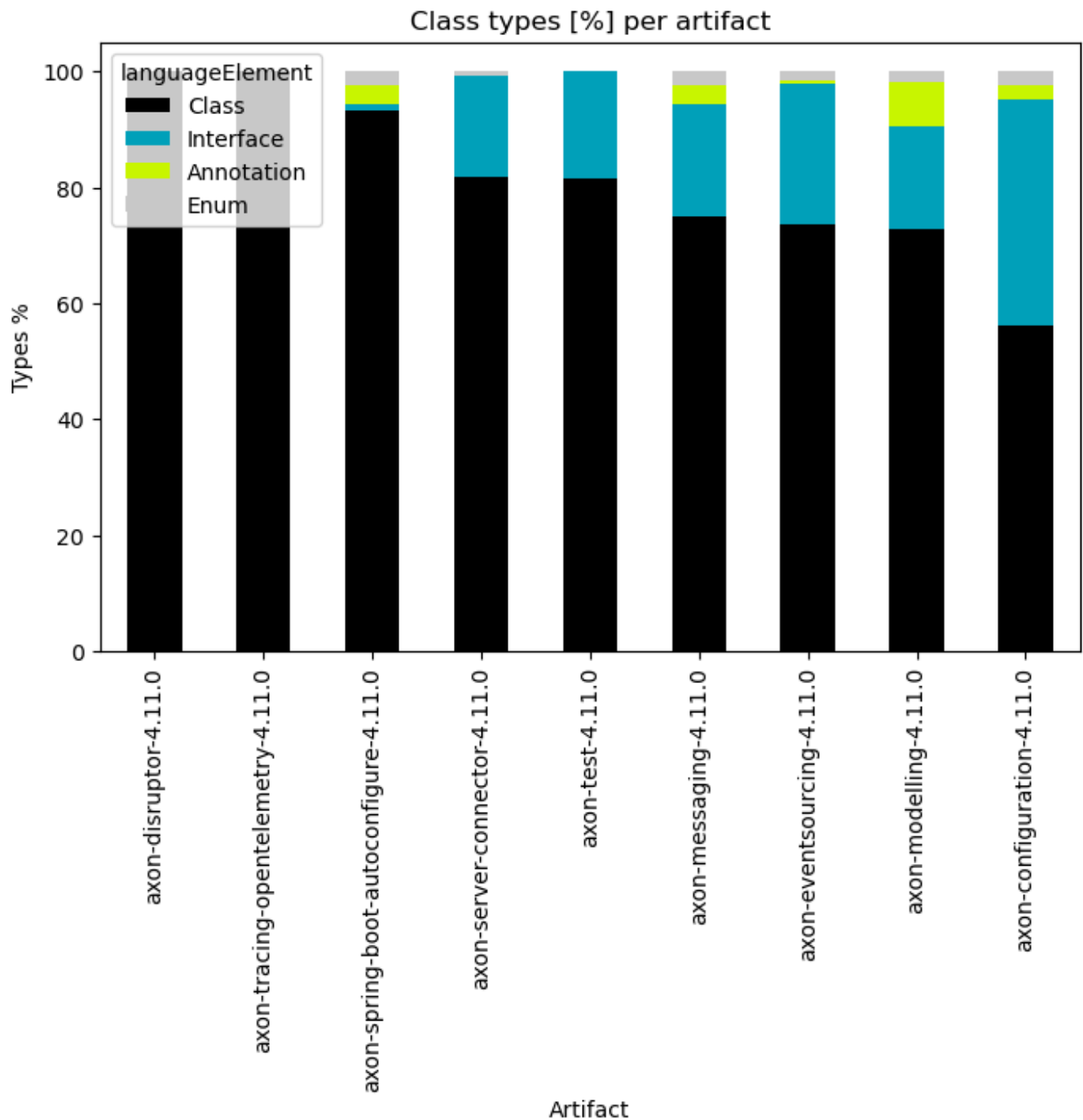


Table 2c Chart 2 - Top 30 artifacts with the highest relative amount of interfaces in %

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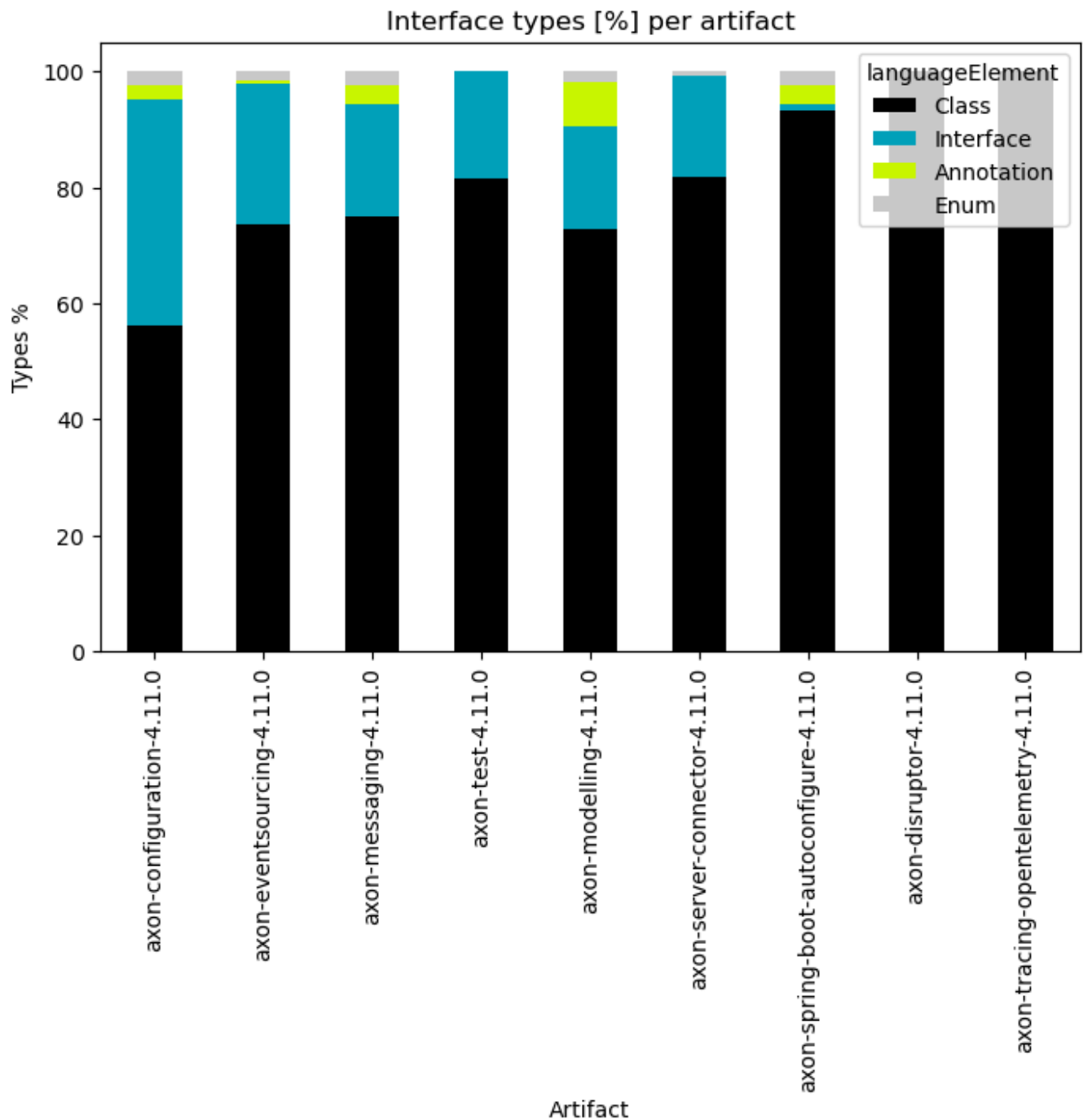


Table 2c Chart 3 - Top 30 artifacts with the highest relative amount of enums in %

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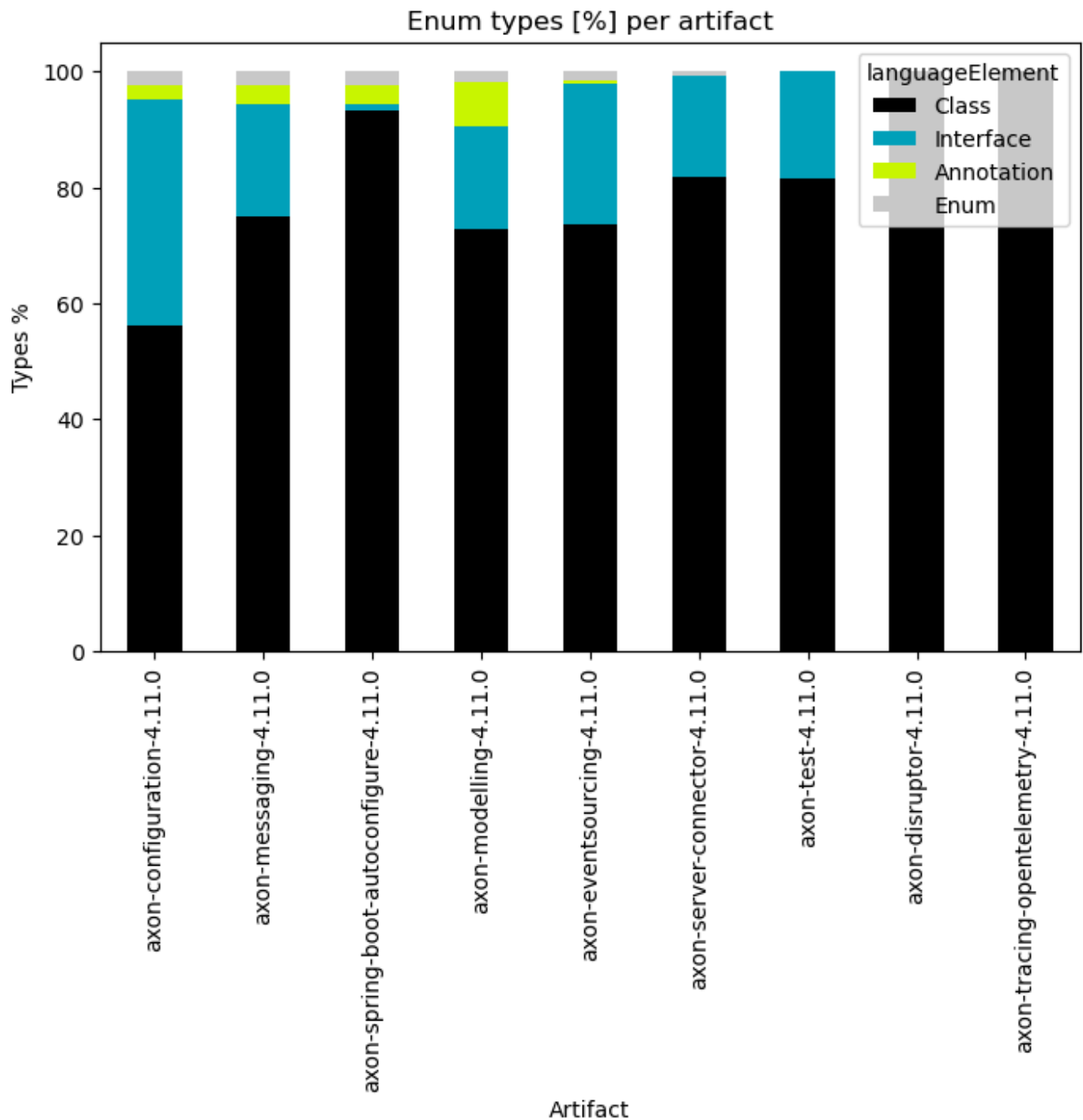


Table 2c Chart 4 - Top 30 artifacts with the highest relative amount of annotations in %

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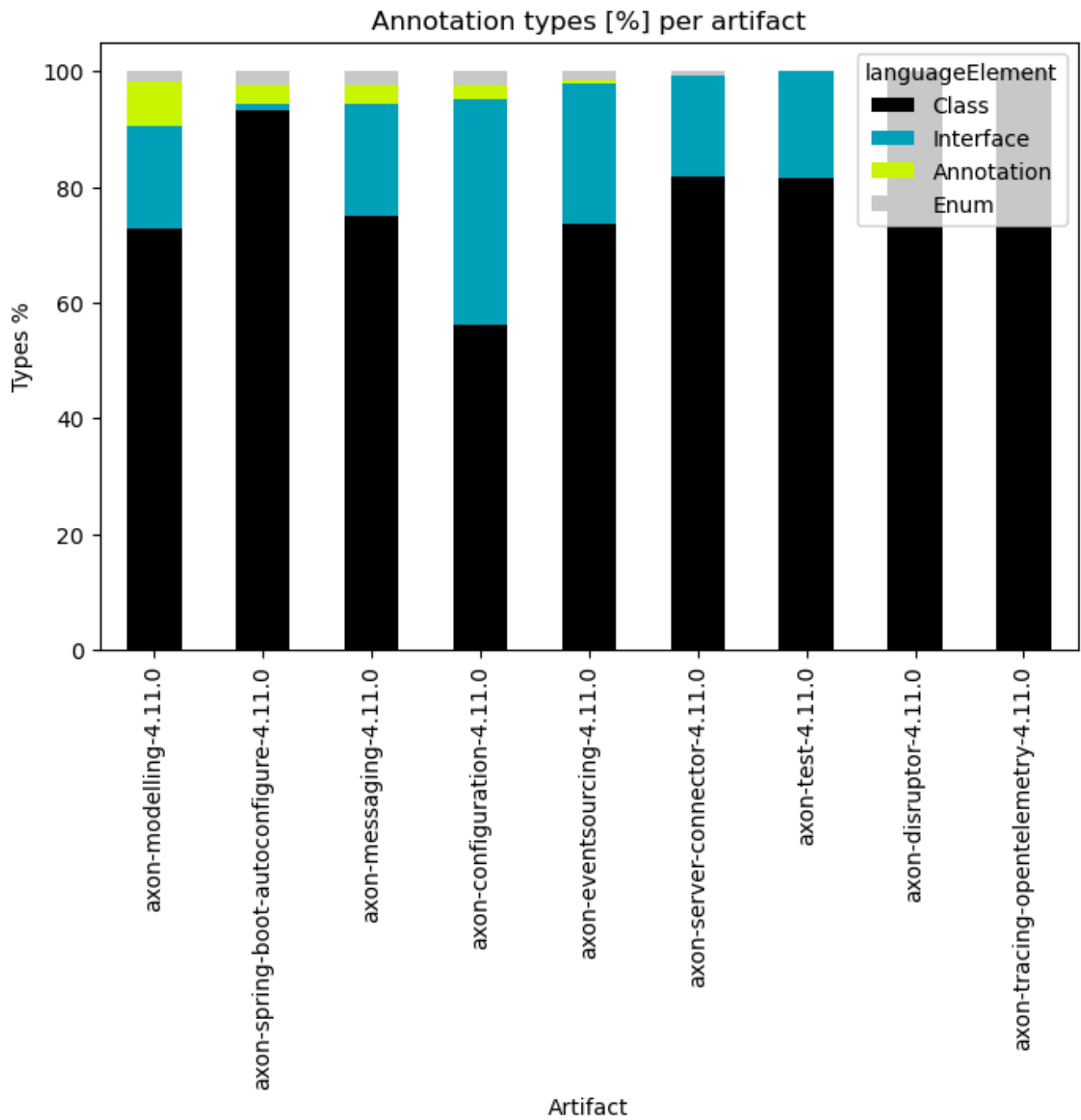


Table 3 - Top 30 artifacts with the highest package count

The whole table can be found in the CSV report `Number_of_packages_per_artifact`.

	artifactName	numberOfPackages
0	axon-messaging-4.11.0	66
1	axon-server-connector-4.11.0	11
2	axon-modelling-4.11.0	10
3	axon-eventsourcing-4.11.0	9
4	axon-spring-boot-autoconfigure-4.11.0	9
5	axon-test-4.11.0	8
6	axon-disruptor-4.11.0	1
7	axon-tracing-opentelemetry-4.11.0	1
8	axon-configuration-4.11.0	1

Table 3 Chart 1 - Number of packages per artifact

The following chart shows artifacts with the largest package count in percentage. Artifacts with less than 0.7% package count are grouped into "others" to focus on the most significant artifacts regarding their package count.

<Figure size 640x480 with 0 Axes>

