Overview for Java

References

- jqassistant
- Neo4j Python Driver

Overview

Table 1 - Size

	nodeCount	relationshipCount	artifactCount	packageCount	typeCount	methodCount	memberCount
0	321600	974941	9	122	2083	8420	10289

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-4.10.0	787	Interface	155
1	axon-messaging-4.10.0	787	Class	587
2	axon-messaging-4.10.0	787	Annotation	26
3	axon-messaging-4.10.0	787	Enum	19
4	axon-modelling-4.10.0	156	Class	113
5	axon-modelling-4.10.0	156	Annotation	12
6	axon-modelling-4.10.0	156	Interface	28
7	axon-modelling-4.10.0	156	Enum	3
8	axon-eventsourcing-4.10.0	133	Class	98
9	axon-eventsourcing-4.10.0	133	Interface	32
10	axon-eventsourcing-4.10.0	133	Annotation	1
11	axon-eventsourcing-4.10.0	133	Enum	2
12	axon-server-connector-4.10.0	131	Class	107
13	axon-server-connector-4.10.0	131	Interface	23
14	axon-server-connector-4.10.0	131	Enum	1
15	axon-test-4.10.0	87	Class	71
16	axon-test-4.10.0	87	Interface	16
17	axon-spring-boot-autoconfigure-4.10.0	74	Class	68
18	axon-spring-boot-autoconfigure-4.10.0	74	Interface	1
19	axon-spring-boot-autoconfigure-4.10.0	74	Annotation	3
20	axon-spring-boot-autoconfigure-4.10.0	74	Enum	2
21	axon-configuration-4.10.0	41	Interface	16
22	axon-configuration-4.10.0	41	Class	23
23	axon-configuration-4.10.0	41	Annotation	1
24	axon-configuration-4.10.0	41	Enum	1
25	axon-disruptor-4.10.0	22	Class	22
26	axon-tracing-opentelemetry-4.10.0	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 artifactName	Class	Interface	Annotation	Enum
axon-messaging-4.10.0	587	155	26	19
axon-modelling-4.10.0	113	28	12	3
axon-eventsourcing-4.10.0	98	32	1	2
axon-server-connector-4.10.0	107	23	0	1
axon-test-4.10.0	71	16	0	0
axon-spring-boot-autoconfigure-4.10.0	68	1	3	2
axon-configuration-4.10.0	23	16	1	1
axon-disruptor-4.10.0	22	0	0	0
axon-tracing-opentelemetry-4.10.0	5	0	0	0

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

<Figure size 640x480 with 0 Axes>

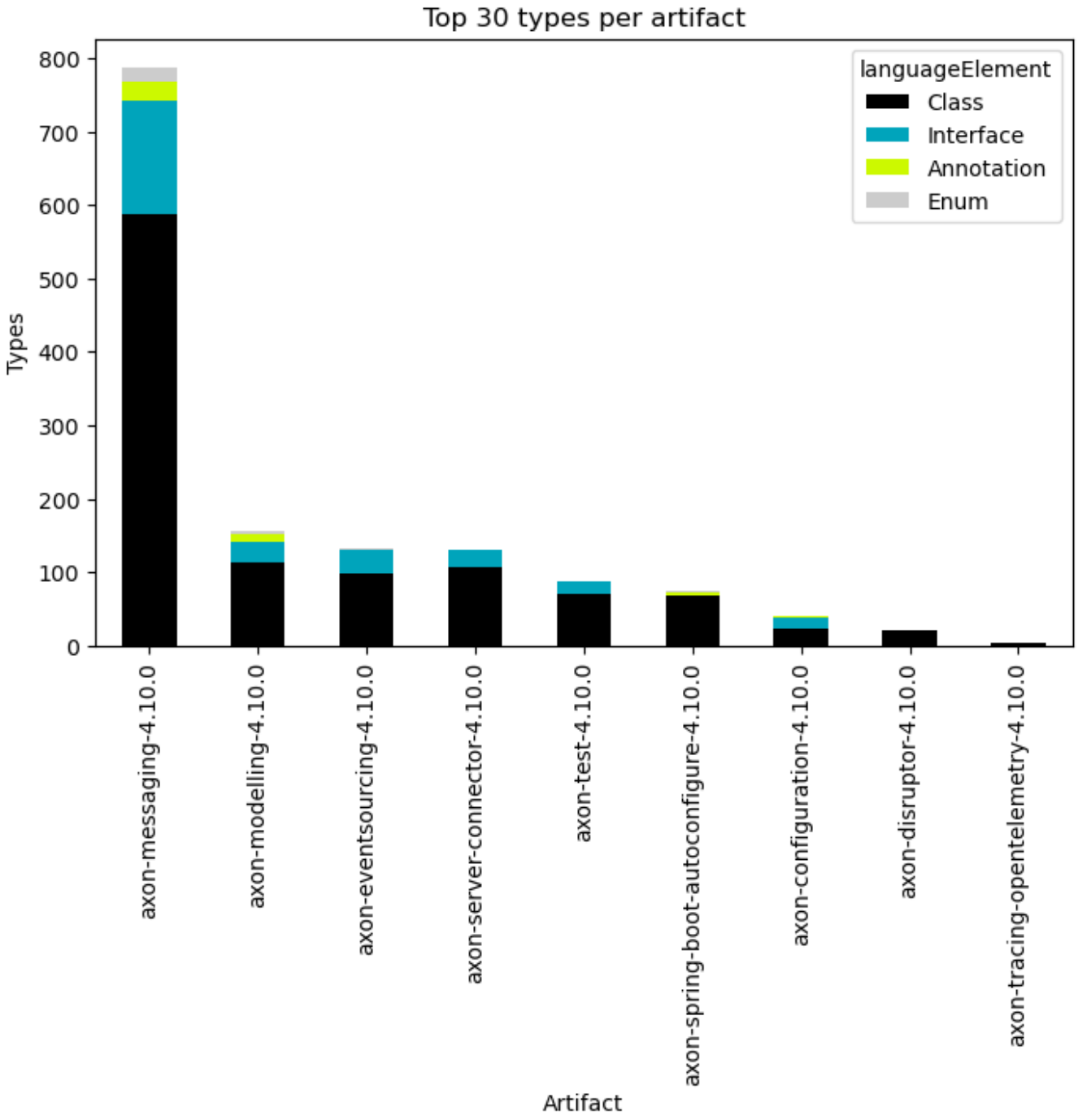

Table 2c - Largest 30 types per artifact (grouped and normalized in %)

languageElement artifactName	Class	Interface	Annotation	Enum
axon-messaging-4.10.0	74.587039	19.695044	3.303685	2.414231
axon-modelling-4.10.0	72.435897	17.948718	7.692308	1.923077
axon-eventsourcing-4.10.0	73.684211	24.060150	0.751880	1.503759
axon-server-connector-4.10.0	81.679389	17.557252	0.000000	0.763359
axon-test-4.10.0	81.609195	18.390805	0.000000	0.000000
axon-spring-boot-autoconfigure-4.10.0	91.891892	1.351351	4.054054	2.702703
axon-configuration-4.10.0	56.097561	39.024390	2.439024	2.439024
axon-disruptor-4.10.0	100.000000	0.000000	0.000000	0.000000
axon-tracing-opentelemetry-4.10.0	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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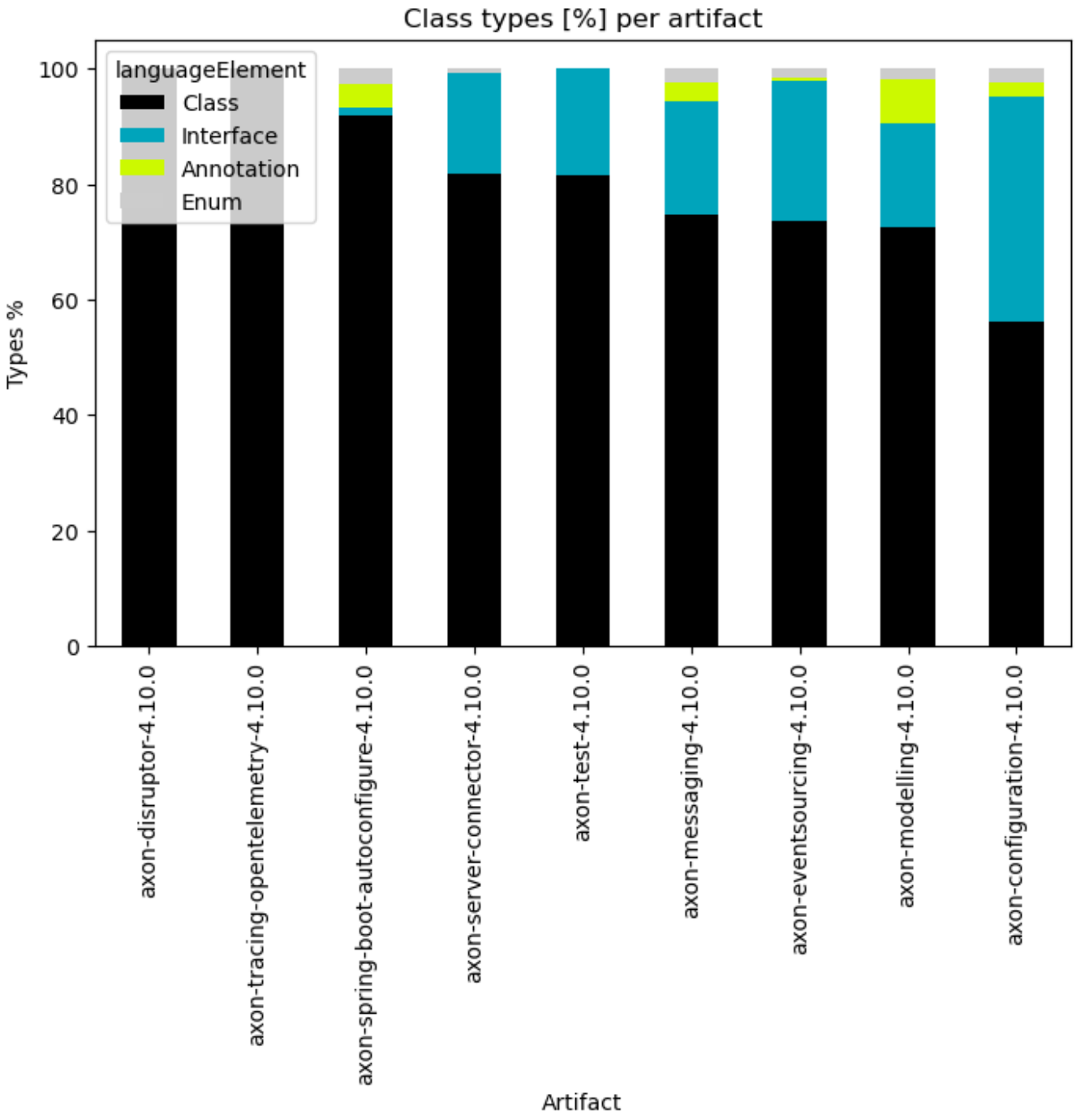

Table 2c Chart 2 - Top 30 artifacts with the highest relative amount of interfaces in %

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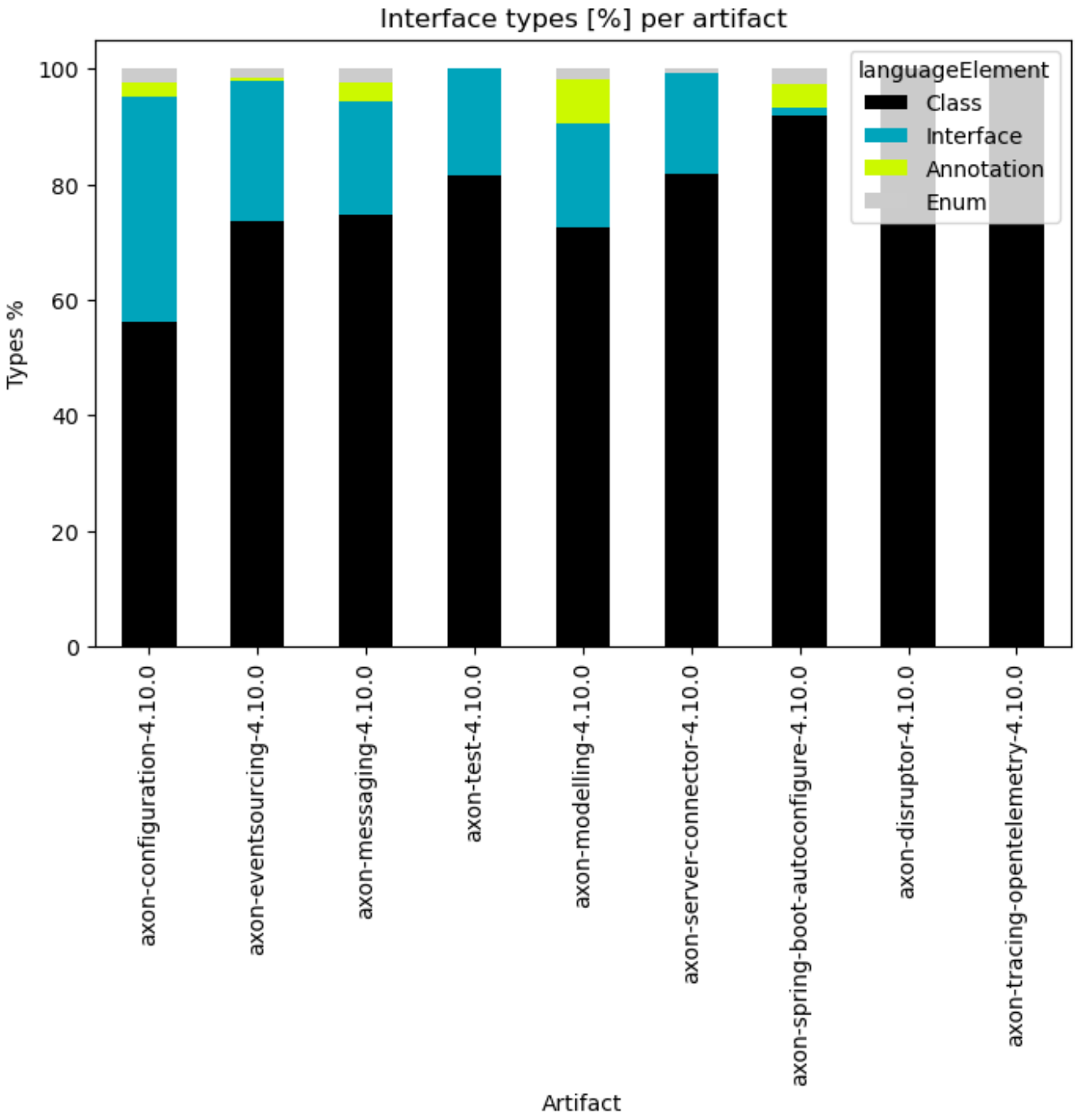

Table 2c Chart 3 - Top 30 artifacts with the highest relative amount of enums in %

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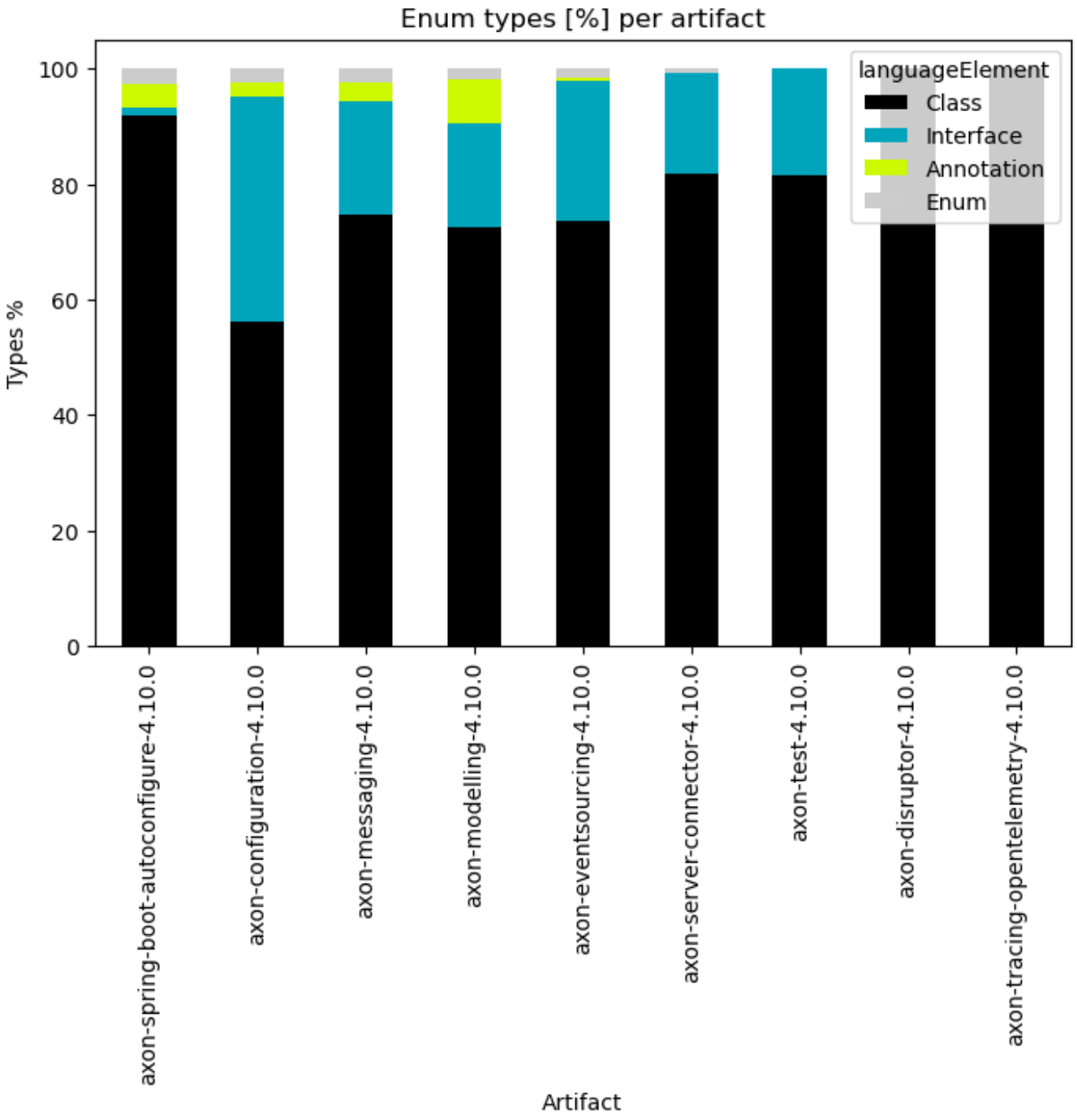

Table 2c Chart 4 - Top 30 artifacts with the highest relative amount of annotations in %

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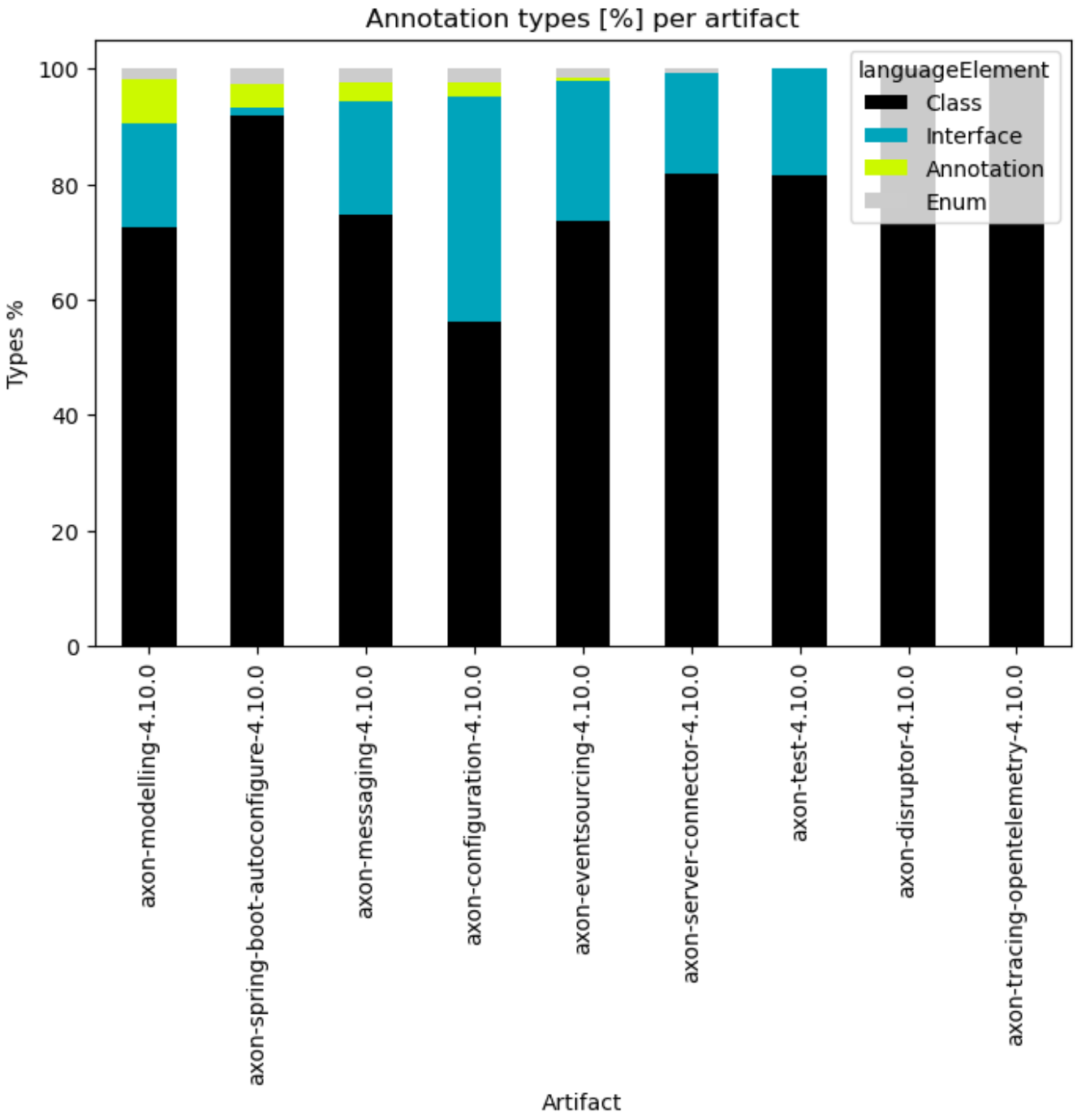

Table 3 - Top 30 artifacts with the highest package count

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

	artifactName	numberOfPackages
0	axon-messaging-4.10.0	64
1	axon-server-connector-4.10.0	11
2	axon-modelling-4.10.0	10
3	axon-eventsourcing-4.10.0	9
4	axon-spring-boot-autoconfigure-4.10.0	9
5	axon-test-4.10.0	8
6	axon-tracing-opentelemetry-4.10.0	1
7	axon-configuration-4.10.0	1
8	axon-disruptor-4.10.0	1

Table 3 Chart 1 - Number of packages per artifact

The following chat 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.