

# Overview for Java

## References

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

## Overview

Table 1 - Size

	nodeCount	relationshipCount	artifactCount	packageCount	typeCount	methodCount	memberCount
0	307327	954049	6	97	1655	6954	8433

## 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	Enum	19
3	axon-messaging-4.10.0	787	Annotation	26
4	axon-modelling-4.10.0	156	Class	113
5	axon-modelling-4.10.0	156	Interface	28
6	axon-modelling-4.10.0	156	Annotation	12
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	Enum	2
11	axon-eventsourcing-4.10.0	133	Annotation	1
12	axon-test-4.10.0	87	Class	71
13	axon-test-4.10.0	87	Interface	16
14	axon-configuration-4.10.0	41	Class	23
15	axon-configuration-4.10.0	41	Interface	16
16	axon-configuration-4.10.0	41	Enum	1
17	axon-configuration-4.10.0	41	Annotation	1
18	axon-disruptor-4.10.0	22	Class	22

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-4.10.0		587	155	26	19
axon-modelling-4.10.0		113	28	12	3
axon-eventsourcing-4.10.0		98	32	1	2
axon-test-4.10.0		71	16	0	0
axon-configuration-4.10.0		23	16	1	1
axon-disruptor-4.10.0		22	0	0	0

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

<Figure size 640x480 with 0 Axes>

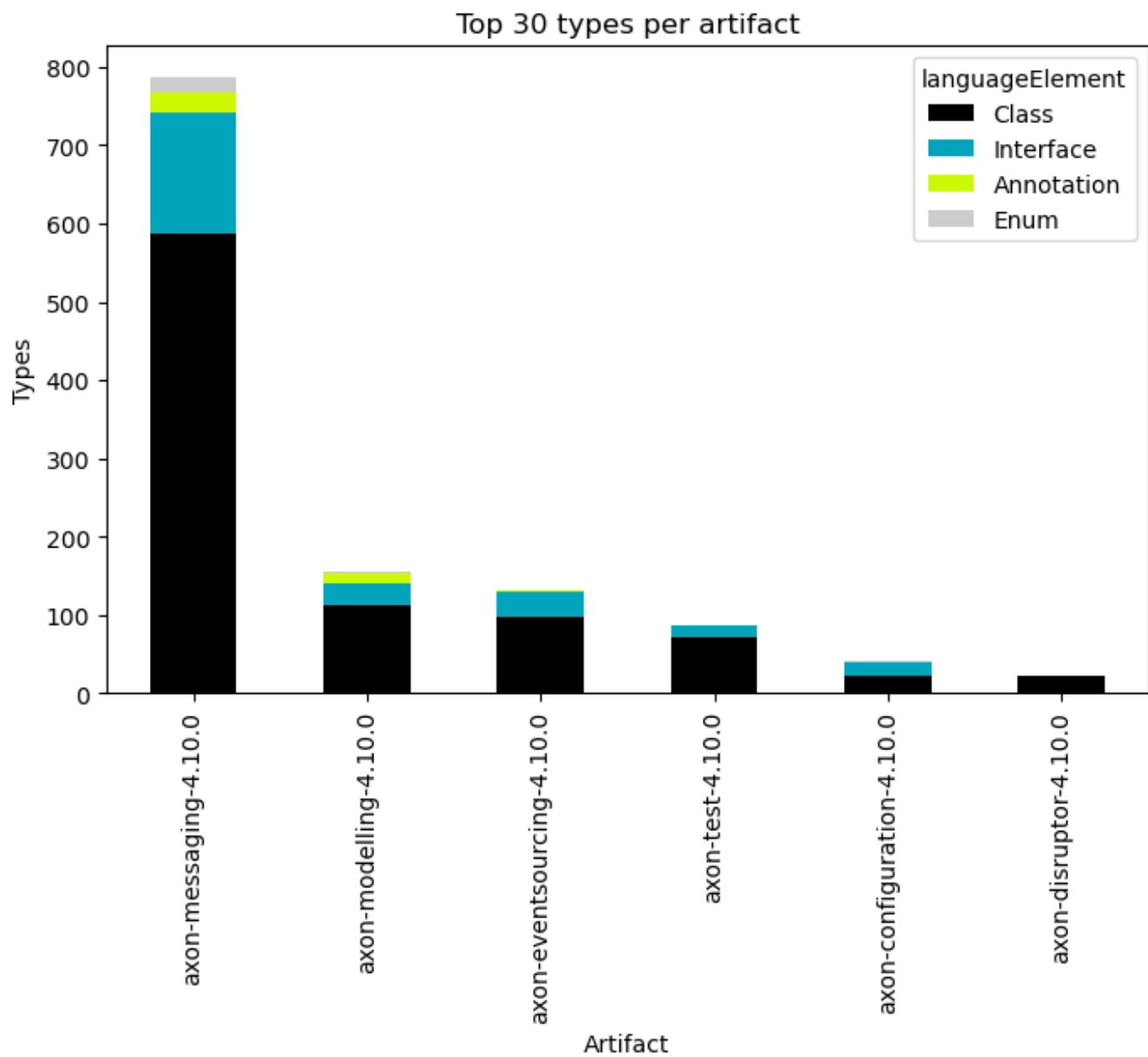


Table 2c - Largest 30 types per artifact (grouped and normalized in %)

languageElement	Class	Interface	Annotation	Enum
artifactName				
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-test-4.10.0	81.609195	18.390805	0.000000	0.000000
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

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

<Figure size 640x480 with 0 Axes>

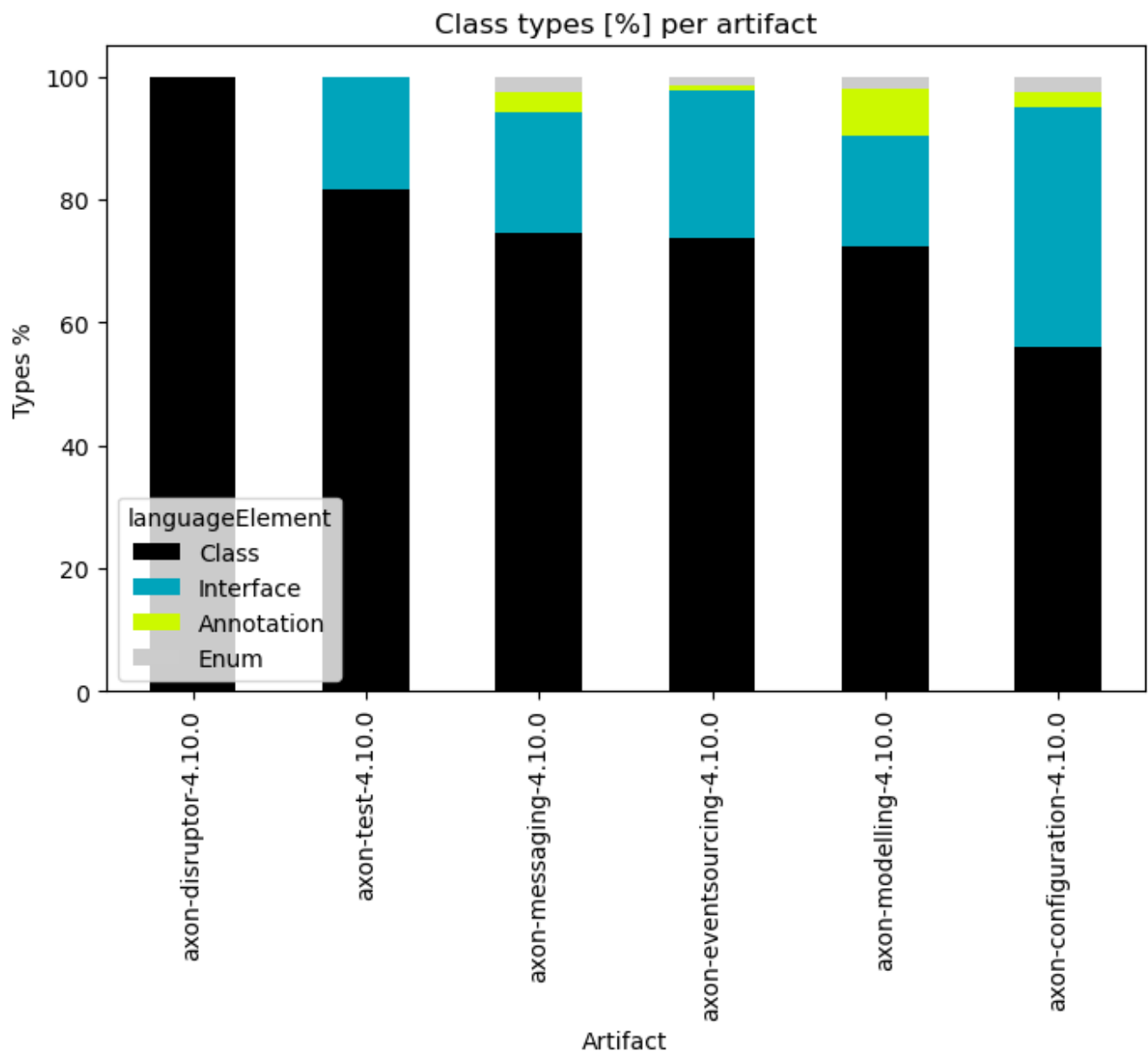


Table 2c Chart 2 - Top 30 artifacts with the highest relative amount of interfaces in %

<Figure size 640x480 with 0 Axes>

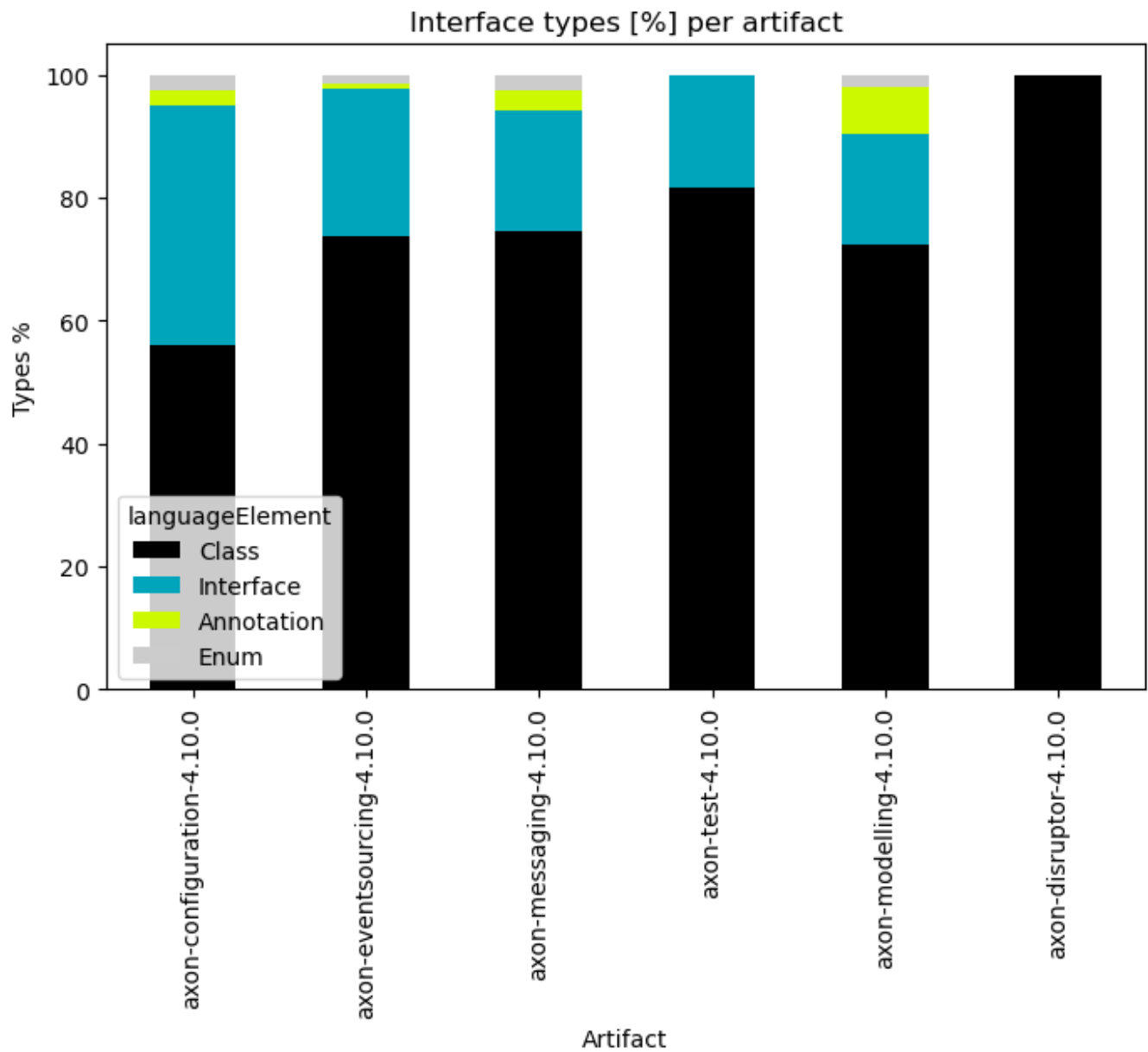


Table 2c Chart 3 - Top 30 artifacts with the highest relative amount of enums in %

<Figure size 640x480 with 0 Axes>

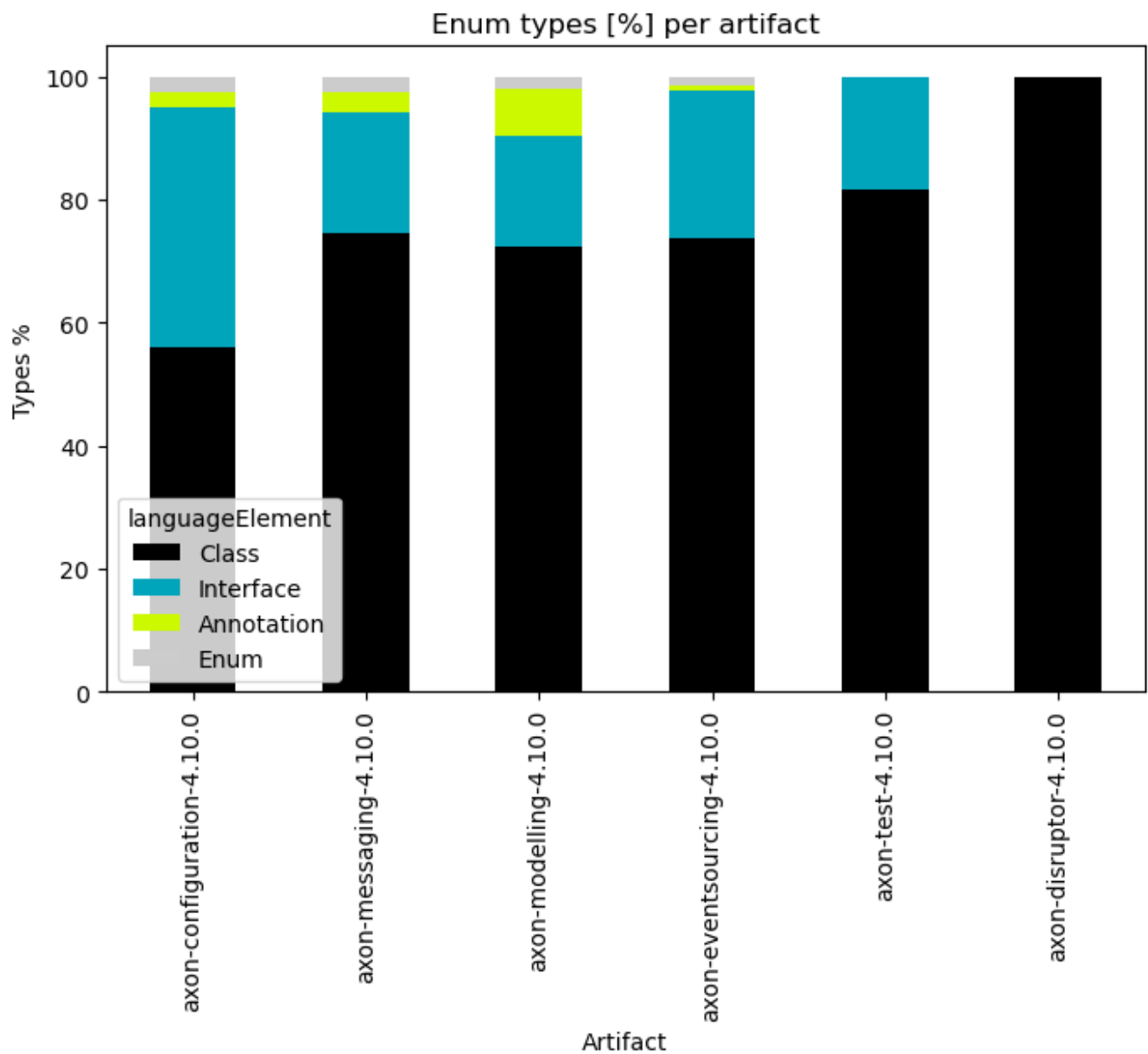


Table 2c Chart 4 - Top 30 artifacts with the highest relative amount of annotations in %

<Figure size 640x480 with 0 Axes>

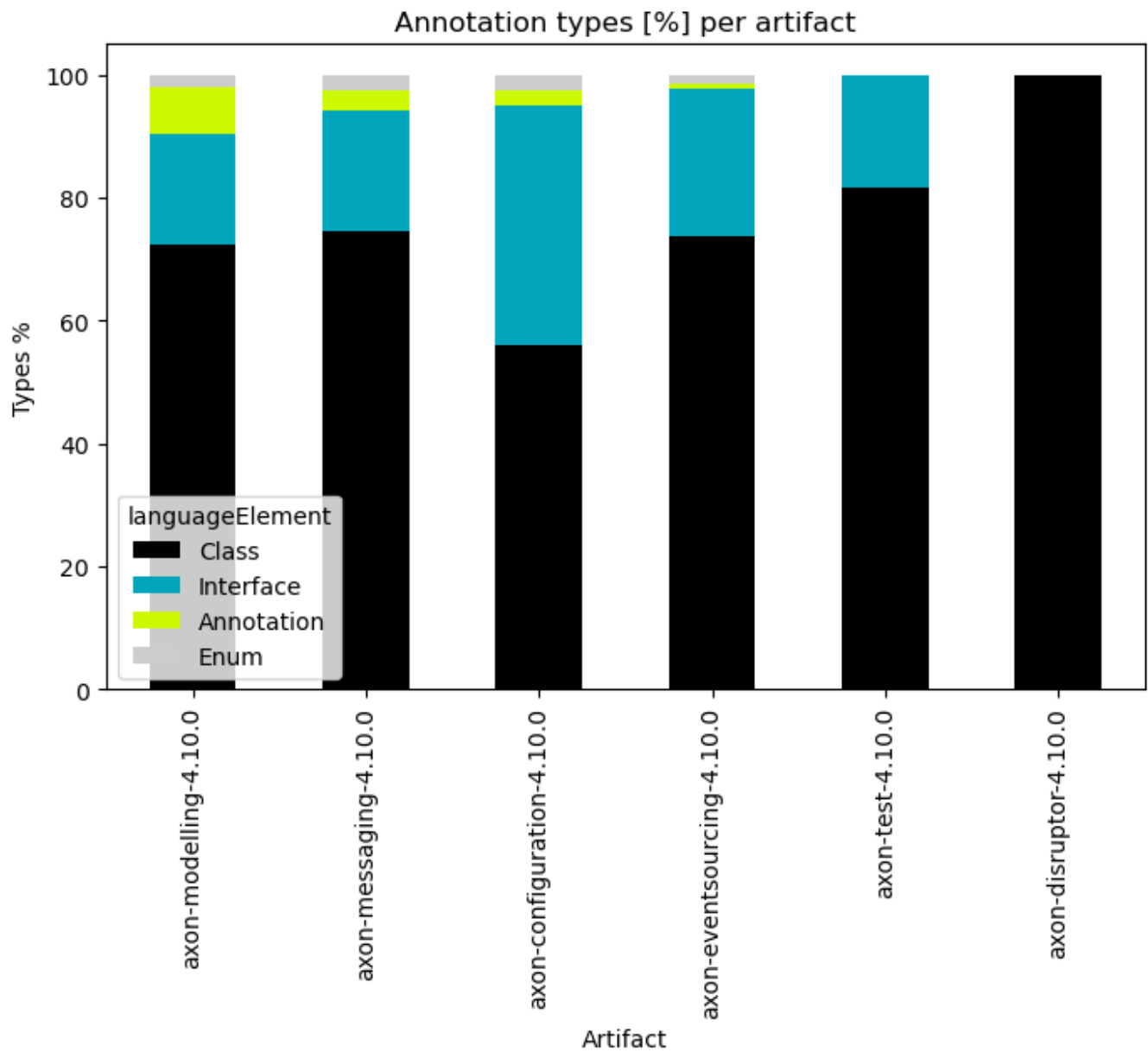


Table 3 - Top 30 artifacts with the highest package count

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-modelling-4.10.0	10
2	axon-eventsourcing-4.10.0	9
3	axon-test-4.10.0	8
4	axon-configuration-4.10.0	1
5	axon-disruptor-4.10.0	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.

