# Package Dependencies for Java with Neo4j

## References

- Analyze java package metrics in a graph database
- Calculate metrics
- py2neo

## **Artifacts**

### Table 1

· List all the artifacts this notebook is based on

	artifactName	packages	types
0	axon-disruptor-4.7.5.jar	1	22
1	axon-eventsourcing-4.7.5.jar	9	130
2	axon-test-4.7.5.jar	8	85
3	axon-messaging-4.7.5.jar	61	729
4	axon-modelling-4.7.5.jar	10	149
5	axon-configuration-4.7.5.jar	1	39

## Cyclic Dependencies

Cyclic dependencies occur when one package uses a class of another package and vice versa. These dependencies can lead to a lot of trouble when one of these packages needs to be changed.

### Table 2

· List packages with cyclic dependencies

	packageName	dependentPackageName	forwardToBackwardBalance	numberForward	numberBackward	
0	org.axonframework.eventhandling	org.axonframework.messaging.annotation	0.840000	23	2	רן
1	org.axonframework.eventhandling	org.axonframework.messaging	0.837838	34	3	רן
2	org.axonframework.eventhandling	org.axonframework.tracing	0.800000	9	1	]
3	org.axonframework.eventsourcing	org.axonframework.eventsourcing.eventstore	0.777778	16	2	[1
4	org.axonframework.deadline	org.axonframework.tracing	0.750000	7	1	[Si
5	org.axonframework.commandhandling.callbacks	org.axonframework.commandhandling	0.733333	13	2	[N
6	org.axonframework.queryhandling	org.axonframework.tracing	0.714286	6	1	
7	org.axonframework.commandhandling	org.axonframework.tracing	0.666667	5	1	[/
8	org.axonframework.messaging.unitofwork	org.axonframework.messaging	0.647059	14	3	[Un
9	org.axonframework.eventhandling.async	org.axonframework.eventhandling	0.538462	10	3	[Se
10	org.axonframework.eventhandling.replay	org.axonframework.eventhandling	0.454545	8	3	[Re
11	org. ax on framework. query handling. registration	org.axonframework.queryhandling	0.428571	5	2	[[
12	org.axonframework.eventhandling	org. ax on framework. serialization	0.400000	7	3	[G
13	org.axonframework.eventhandling	org. ax on framework. even than d ling. to ken store	0.333333	8	4	[7
14	org. ax on framework. serialization. upcasting. event	org.axonframework.eventhandling	0.333333	6	3	- 1
15	org.axonframework.eventsourcing.eventstore.jdbc	org. ax on framework. events our cing. events to re. jdb	0.317073	27	14	
16	org. ax on framework. modelling. command. in spection	org.axonframework.modelling.command	0.250000	20	12	
17	org.axonframework.messaging.annotation	org.axonframework.messaging.interceptors	0.200000	3	2	
18	org.axonframework.messaging	org.axonframework.serialization	0.157895	11	8	[
19	org.axonframework.modelling.saga	org.axonframework.modelling.saga.metamodel	0.142857	4	3	
20	org. ax on framework. command handling. distributed	org.axonframework.commandhandling.distributed	0.076923	7	6	

## Table 3

• List packages with cyclic dependencies with every dependency in a separate row sorted by the easiest and most valuable to resolve

1 orç 2 orç 3 orç 4 orç 5 orç 6 orç 7 orç 8 orç 9 orç	rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling	org.axonframework.messaging.annotation org.axonframework.messaging.annotation org.axonframework.messaging.annotation org.axonframework.messaging.annotation org.axonframework.messaging.annotation	DomainEventMessage<-SourceIdParameterResolverF  DomainEventMessage<- AggregateTypeParameterReso  TrackingTokenParameterResolverFactory\$Tracking  ResetHandler->MessageHandler	0.840000 0.840000 0.840000	
1 orç 2 orç 3 orç 4 orç 5 orç 6 orç 7 orç 8 orç 9 orç	rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling	org.axonframework.messaging.annotation org.axonframework.messaging.annotation org.axonframework.messaging.annotation	DomainEventMessage< AggregateTypeParameterReso  TrackingTokenParameterResolverFactory\$Tracking		
2 orç 3 orç 4 orç 5 orç 6 orç 7 orç 8 orç 9 orç 10 orç	rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling	org.axonframework.messaging.annotation org.axonframework.messaging.annotation	TrackingTokenParameterResolverFactory\$Tracking		
3 org 4 org 5 org 6 org 7 org 8 org 9 org	rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling	org.axonframework.messaging.annotation	, ,	0.840000	
4 org 5 org 6 org 7 org 8 org 9 org 10 org	rg.axonframework.eventhandling rg.axonframework.eventhandling rg.axonframework.eventhandling		ResetHandler->MessageHandler		
5 org 6 org 7 org 8 org 9 org 10 org	rg.axonframework.eventhandling	org.axonframework.messaging.annotation		0.840000	
6 org 7 org 8 org 9 org 10 org	rg.axonframework.eventhandling		AnnotationEventHandlerAdapter->HandlerDefinition	0.840000	
7 org 8 org 9 org 10 org		org.axonframework.messaging.annotation	AnnotationEventHandlerAdapter->MessageHandlerI	0.840000	
8 org 9 org 10 org	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	AnnotationEventHandlerAdapter->MessageHandling	0.840000	
9 org		org.axonframework.messaging.annotation	AnnotationEventHandlerAdapter->AnnotatedHandle	0.840000	
<b>10</b> org	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	AnnotationEventHandlerAdapter->ClasspathParame	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	AnnotationEventHandlerAdapter->ClasspathHandle	0.840000	
11 org	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	AnnotationEventHandlerAdapter->ParameterResolv	0.840000	
40	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	SimpleEventHandlerInvoker\$Builder->HandlerDefi	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	SimpleEventHandlerInvoker\$Builder->ParameterRe	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	ConcludesBatchParameterResolverFactory->Abstra	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	ConcludesBatchParameterResolverFactory->Parame	0.840000	
,	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	TimestampParameterResolverFactory->ParameterRe	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	TimestampParameterResolverFactory->AbstractAnn	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	EventHandler->MessageHandler	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	SequenceNumberParameterResolverFactory->Parame	0.840000	
`	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	SequenceNumberParameterResolverFactory->Abstra	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	TimestampParameterResolverFactory\$TimestampPar	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	AllowReplay->HasHandlerAttributes	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	SequenceNumberParameterResolverFactory\$Sequenc	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	TrackingTokenParameterResolverFactory->Paramet	0.840000	
	rg.axonframework.eventhandling	org.axonframework.messaging.annotation	TrackingTokenParameterResolverFactory->Paramet	0.840000 0.837838	
`	rg.axonframework.eventhandling rg.axonframework.eventhandling	org.axonframework.messaging org.axonframework.messaging	DomainEventMessage<-Headers	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	EventMessage<-Headers TrackingToken<-StreamableMessageSource	0.837838	
`	rg.axonframework.eventhandling	org.axonframework.messaging	TrackingTokenParameterResolverFactory\$Tracking	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	AnnotationEventHandlerAdapter->Message	0.837838	
`	rg.axonframework.eventhandling	org.axonframework.messaging	StreamingEventProcessor->StreamableMessageSource	0.837838	
,	rg.axonframework.eventhandling	org.axonframework.messaging	DomainEventMessage->Message	0.837838	
`	rg.axonframework.eventhandling	org.axonframework.messaging	GenericTrackedEventMessage->Message	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	ConcludesBatchParameterResolverFactory->Message	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	GenericEventMessage->MessageDecorator	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	GenericEventMessage->GenericMessage	0.837838	
`	rg.axonframework.eventhandling	org.axonframework.messaging	GenericEventMessage->MetaData	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	GenericEventMessage->Message	0.837838	
`	rg.axonframework.eventhandling	org.axonframework.messaging	EventMessage->Message	0.837838	
,	rg.axonframework.eventhandling	org.axonframework.messaging	MultiStreamableMessageSource->StreamableMessag	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	GenericTrackedDomainEventMessage->Message	0.837838	
	rg.axonframework.eventhandling	org.axonframework.messaging	MultiStreamableMessageSource\$Builder->Streamab	0.837838	
<b>42</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	EventMessageHandler->Message	0.837838	
<b>43</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	EventMessageHandler->MessageHandler	0.837838	
<b>44</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	TrackingEventProcessor\$Builder->StreamableMess	0.837838	
<b>45</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	TimestampParameterResolverFactory\$TimestampPar	0.837838	
<b>46</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	EventBus->SubscribableMessageSource	0.837838	
<b>47</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	EventBus->MessageDispatchInterceptorSupport	0.837838	
<b>48</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	SequenceNumberParameterResolverFactory\$Sequenc	0.837838	
<b>49</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	TrackingEventProcessor->InterceptorChain	0.837838	
<b>50</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	TrackingEventProcessor->Message	0.837838	
F1 0**	rg.axonframework.eventhandling	org.axonframework.messaging	TrackingEventProcessor->StreamableMessageSource	0.837838	
<b>51</b> org	rg.axonframework.eventhandling	org.axonframework.messaging	AbstractEventProcessor->MessageHandlerInterceptor	0.837838	
`	rg.axoriiramework.eventriandiing				

	packageName	dependentPackageName	dependency	forwardToBackwardBalance	numberFoi
54	org.axonframework.eventhandling	org.axonframework.messaging	AbstractEventProcessor->ResultMessage	0.837838	
55	org.axonframework.eventhandling	org.axonframework.messaging	$Subscribing {\it Event Processor \$ Builder-> Subscribabl}$	0.837838	
56	org.axonframework.eventhandling	org.axonframework.messaging	${\tt MultiStreamableMessageSource\$IdentifiedStreama}$	0.837838	
57	org.axonframework.eventhandling	org.axonframework.messaging	$Subscribing {\it EventProcessor->} Subscribable {\it Message}$	0.837838	
58	org.axonframework.eventhandling	org.axonframework.messaging	Tracking Event Processor Configuration  Streamabl	0.837838	
59	org.axonframework.eventhandling	org.axonframework.messaging	ReplayToken->Message	0.837838	

## **Interface Segregation Candidates**

Well known from Design Principles and Design Patterns by Robert C. Martin, the *Interface Segregation Principle* suggests that software components should have narrow, focused interfaces rather than large, general-purpose ones. The goal is to minimize the dependencies between components and increase modularity, flexibility, and maintainability.

Smaller, focused and purpose-driven interfaces

- make it easier to modify individual components without affecting the rest of the system.
- make it clearer which client is affected by which change.
- don't force their clients to depend on methods they don't need.
- reduce the scope of changes since a change to one component doesn't affect others.
- lead to a more loosely coupled architecture that is easier to understand and maintain.

Reference: Analyze java package metrics in a graph database

## How to apply the results

If just one method of a type is used, especially in many places, then the result of this method can be used to call e.g. a method or constuct an object instead of using the whole object and then just calling that single method.

If there are a couple of methods that are used for a distinct purpose, those could be factored out into a separate interface. The original type can extended/implement the new interface so that there are no breaking changes. Then all the callers, that use only this group of methods, can be changed to the new interface.

#### Table 3

 List top 20 most used combinations of methods of larger Types that might benefit from Interface Segregation

	dependentType.fqn	declaredMethods	calledMethodNames	calledMethods	callerTypes
0	org. ax on framework. command handling. Command Message	9	[getCommandName]	1	18
1	org. ax on framework. event handling. Domain Event Mes	10	[getSequenceNumber]	1	9
2	org. ax on framework. eventh and ling. Event Message	9	[getTimestamp, getIdentifier]	2	8
3	org. ax on framework. eventh and ling. Event Message	9	[getIdentifier]	1	8
4	$org. ax on framework. eventh and ling. Tracked {\sf Event Me}$	10	[trackingToken]	1	7
5	org. ax on framework. messaging. Result Message	9	[exceptionResult, isExceptional]	2	6
6	org. ax on framework. event handling. Domain Event Mes	10	[getSequenceNumber, getAggregateIdentifier, ge	3	5
7	org. ax on framework. command handling. Generic Comma	15	[asCommandResultMessage]	1	4
8	org. ax on framework. command handling. Generic Comma	14	[asCommandResultMessage]	1	4
9	$org. ax on framework. eventh and ling. Tracked {\sf Event Me}$	12	[trackingToken]	1	4
10	org. axon framework. dead line. Generic Dead line Message	11	[asDeadlineMessage]	1	4
11	org. ax on framework. dead line. Dead line Message	10	[getDeadlineName]	1	4
12	org. ax on framework. event handling. Domain Event Mes	10	[getAggregateIdentifier]	1	4
13	$org. ax on framework. eventh and ling. Generic {\sf Event Me}$	10	[asEventMessage]	1	4
14	org. ax on framework. common. transaction. No Transac	4	[instance]	1	4
15	org. ax on framework. modelling. command. in spection	13	[type]	1	3
16	$org. axon framework. eventh and ling. Domain {\tt EventMes}$	11	[getSequenceNumber, getAggregateIdentifier, ge	3	3
17	$org. ax on framework. eventhand ling. Domain {\tt EventMes}$	10	[getSequenceNumber, getAggregateIdentifier]	2	3
18	$org. ax on framework. eventhand ling. Domain {\tt EventMes}$	10	[getType]	1	3
19	org. axon framework. eventhand ling. Gap Aware Tracki	10	[advance To,new Instance,with Gaps Truncated At,	5	3

# Package Usage

# Types that are used by multiple packages

## Table 4

• List the top 20 packages that are used by the highest count of different packages

	dependentType.fqn	dependentType.name	dependentTypeLabels	numberOfUsingPackages
0	org.axonframework.common.BuilderUtils	BuilderUtils	[Type, File, Java, ByteCode, Class]	41
1	org.axonframework.messaging.Message	Message	[Type, File, Java, ByteCode, GenericDeclaratio	35
2	org. ax on framework. common. Ax on Configuration Exce	$Axon Configuration {\sf Exception}$	[Type, File, Java, ByteCode, Class]	35
3	org. ax on framework. eventh and ling. Event Message	EventMessage	[Type, File, Java, ByteCode, GenericDeclaratio	30
4	org. ax on framework. messaging. unit of work. Unit Of Work	UnitOfWork	[Type, File, Java, ByteCode, GenericDeclaratio	29
5	org. ax on framework. messaging. Meta Data	MetaData	[Type, File, Java, ByteCode, Class]	29
6	org.axonframework.common.Assert	Assert	[Type, File, Java, ByteCode, Class]	25
7	org. ax on framework. serialization. Serializer	Serializer	[Type, File, Java, ByteCode, Interface]	25
8	org. ax on framework. common. transaction. Transacti	TransactionManager	[Type, File, Java, ByteCode, Interface]	23
9	org. ax on framework. messaging. unit of work. Current	CurrentUnitOfWork	[Type, File, Java, ByteCode, Class]	21
10	org. ax on framework. serialization. Serialized Object	SerializedObject	[Type, File, Java, ByteCode, GenericDeclaratio	21
11	$org. ax on framework. serialization. Serialized {\it Type}$	SerializedType	[Type, File, Java, ByteCode, Interface]	20
12	org. ax on framework. messaging. annotation. Paramet	ParameterResolverFactory	[Type, File, Java, ByteCode, Interface]	18
13	org. ax on framework. common. Ax on Non Transient Excep	Axon Non Transient Exception	[Type, File, Java, ByteCode, Class]	18
14	org. ax on framework. eventh and ling. Domain Event Mes	DomainEventMessage	[Type, File, Java, ByteCode, GenericDeclaratio	17
15	org. ax on framework. even than dling. Tracking Token	TrackingToken	[Type, File, Java, ByteCode, Interface]	17
16	org.axonframework.common.Registration	Registration	[Type, File, Java, ByteCode, Interface]	16
17	$org. ax on framework. eventh and ling. Generic {\tt Event Me}$	GenericEventMessage	[Type, File, Java, ByteCode, Class, GenericDec	16
18	org. ax on framework. messaging. Message Handler In te	MessageHandlerInterceptor	[Type, File, Java, ByteCode, GenericDeclaratio	14
19	org. ax on framework. command handling. Command Message	CommandMessage	[Type, File, Java, ByteCode, GenericDeclaratio	14

## Packages that are used by multiple artifacts

## Table 5

• List the top 20 artifacts that only use a few (compared to all existing) packages of another artifact

	artifactName	dependentArtifactName	dependentPackages	dependentArtifactPackages	packageUsagePercentage	dependentFullQualifiedPackageNames
0	axon- disruptor-4.7.5	axon-messaging-4.7.5	9	61	0.147541	[org.axonframework.messaging.annotation, org.a
1	axon-test- 4.7.5	axon-messaging-4.7.5	10	61	0.163934	[org.axonframework.eventhandling, org.axonfram
2	axon- disruptor-4.7.5	axon-modelling-4.7.5	2	10	0.200000	[org. axon framework. modelling. command. in spectio
3	axon- eventsourcing- 4.7.5	axon-modelling-4.7.5	2	10	0.200000	[org.axonframework.modelling.command, org.axon
4	axon- disruptor-4.7.5	axon-eventsourcing-4.7.5	2	9	0.222222	[org.axonframework.eventsourcing, org.axonfram
5	axon-test- 4.7.5	axon-eventsourcing-4.7.5	2	9	0.222222	[org.axonframework.eventsourcing.eventstore, o
6	axon- modelling- 4.7.5	axon-messaging-4.7.5	18	61	0.295082	[org.axonframework.messaging.annotation, org.a
7	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	20	61	0.327869	[org.axonframework.eventhandling, org.axonfram
8	axon- configuration- 4.7.5	axon-eventsourcing-4.7.5	4	9	0.444444	[org.axonframework.eventsourcing.snapshotting,
9	axon-test- 4.7.5	axon-modelling-4.7.5	5	10	0.500000	[org.axonframework.modelling.command, org.axon
10	axon- configuration- 4.7.5	axon-messaging-4.7.5	34	61	0.557377	[org.axonframework.serialization.xml, org.axon
11	axon- modelling- 4.7.5	axon-modelling-4.7.5	6	10	0.600000	[org.axonframework.modelling.command, org.axon
12	axon- configuration- 4.7.5	axon-modelling-4.7.5	6	10	0.600000	[org.axonframework.modelling.saga.repository.j
13	axon-test- 4.7.5	axon-test-4.7.5	5	8	0.625000	[org.axonframework.test, org.axonframework.tes
14	axon- messaging- 4.7.5	axon-messaging-4.7.5	40	61	0.655738	[org.axonframework.common, org.axonframework.c
15	axon- eventsourcing- 4.7.5	axon-eventsourcing-4.7.5	7	9	0.777778	[org. axon framework. events our cing. events to re.jd
16	axon- configuration- 4.7.5	axon-disruptor-4.7.5	1	1	1.000000	[org.axonframework.disruptor.commandhandling]

# Packages that are used by multiple artifacts

### Table 6

• List the top 20 packages that only use a few (compared to all existing) types of another package

	artifactName	dependentArtifactName	packageName	dependentPackage.fqn	dependentTypes	dependentPackageTy
0	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org.axonframework.eventsourcing.snapshotting	org.axonframework.eventhandling	1	
1	axon-test- 4.7.5	axon-messaging-4.7.5	org.axonframework.test.matchers	org.axonframework.eventhandling	1	
2	axon- modelling- 4.7.5	axon-messaging-4.7.5	org.axonframework.modelling.saga.metamodel	org.axonframework.eventhandling	1	
3	axon- eventsourcing- 4.7.5	axon-modelling-4.7.5	org.axonframework.eventsourcing.conflictresolu	org.axonframework.modelling.command	1	
4	axon- eventsourcing- 4.7.5	axon-modelling-4.7.5	org.axonframework.eventsourcing.eventstore.jdbc	org.axonframework.modelling.command	1	
5	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org. ax on framework. events our cing. conflict resolu	org.axonframework.eventhandling	2	
6	axon-test- 4.7.5	axon-messaging-4.7.5	org.axonframework.test.eventscheduler	org.axonframework.eventhandling	2	
7	axon- modelling- 4.7.5	axon-messaging-4.7.5	org.axonframework.modelling.command	org.axonframework.eventhandling	2	
8	axon- modelling- 4.7.5	axon-messaging-4.7.5	org.axonframework.modelling.command.legacyjpa	org.axonframework.eventhandling	2	
9	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org.axonframework.eventsourcing.conflictresolu	org.axonframework.messaging	1	
10	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org.axonframework.eventsourcing.eventstore	org.axonframework.messaging	1	
11	axon-test- 4.7.5	axon-messaging-4.7.5	org.axonframework.test	org.axonframework.messaging	1	
12	axon-test- 4.7.5	axon-messaging-4.7.5	org.axonframework.test.matchers	org.axonframework.messaging	1	
13	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org.axonframework.eventsourcing.eventstore.jdbc	org.axonframework.serialization	1	
14	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org.axonframework.eventsourcing.eventstore.jpa	org.axonframework.serialization	1	
15	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org. axon framework. events our cing. events to re.leg	org.axonframework.serialization	1	
16	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org. axon framework. events our cing. events to re. jdb	org.axonframework.eventhandling	3	
17	axon-test- 4.7.5	axon-modelling-4.7.5	org.axonframework.test.utils	org.axonframework.modelling.saga	1	
18	axon- eventsourcing- 4.7.5	axon-messaging-4.7.5	org. ax on framework. events our cing. conflict resolu	org.axonframework.commandhandling	1	
19	axon-test- 4.7.5	axon-messaging-4.7.5	org.axonframework.test.matchers	org.axonframework.commandhandling	1	