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[Built by Maven](#)

Surefire Report

Summary

[\[Summary\]](#) [\[Package List\]](#) [\[Test Cases\]](#)

Tests	Errors	Failures	Skipped	Success Rate	Time
355	0	0	8	97.746%	32.451

Note: failures are anticipated and checked for with assertions while errors are unanticipated.

Package List

[\[Summary\]](#) [\[Package List\]](#) [\[Test Cases\]](#)

Package	Tests	Errors	Failures	Skipped	Success Rate	Time
iudx.resource.server.authenticator	28	0	0	1	96.429%	5.74
iudx.resource.server.database.latest	7	0	0	0	100%	0.326
iudx.resource.server.apiserver.validation	157	0	0	0	100%	5.109
iudx.resource.server.apiserver	36	0	0	1	97.222%	4.741
iudx.resource.server.callback	1	0	0	1	0%	0
iudx.resource.server.databroker	51	0	0	1	98.039%	7.426
iudx.resource.server.metering	10	0	0	0	100%	0.675
iudx.resource.server.apiserver.query	17	0	0	0	100%	1.81

iudx.resource.server.database.archives	48	0	0	4	91.667%	6.624
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Note: package statistics are not computed recursively, they only sum up all of its testsuites numbers.

iudx.resource.server.authenticator

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	JwtAuthServiceImplTest	27	0	0	0	100%	5.74
	AuthenticationServiceTest	1	0	0	1	0%	0

iudx.resource.server.database.latest

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	LatestServiceTest	5	0	0	0	100%	0.321
	RedisCommandArgsBuilderTest	2	0	0	0	100%	0.005

iudx.resource.server.apiserver.validation

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	TimeRelTypeValidatorTest	13	0	0	0	100%	0.333
	PaginationLimitTypeValidatorTest	12	0	0	0	100%	0.374
	GeoRelTypeValidatorTest	12	0	0	0	100%	0.42

	PaginationOffsetTypeValidatorTest	11	0	0	0	100%	0.275
	QTypeValidatorTest	16	0	0	0	100%	0.382
	GeometryTypeValidatorTest	16	0	0	0	100%	0.339
	OptionsTypeValidatorTest	5	0	0	0	100%	0.167
	AttrsTypeValidatorTest	8	0	0	0	100%	0.283
	CoordinatesTypeValidatorTest	14	0	0	0	100%	0.488
	DateTypeValidatorTest	11	0	0	0	100%	0.314
	IdTypeValidatorTest	16	0	0	0	100%	0.677
	DistanceTypeValidatorTest	13	0	0	0	100%	0.738
	GeoPropertyTypeValidatorTest	10	0	0	0	100%	0.319

iudx.resource.server.apiserver

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	ValidatorTest	35	0	0	0	100%	4.741

	ApiServerVerticleTest	1	0	0	1	0%	0
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iudx.resource.server.callback

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	CallbackServiceTest	1	0	0	1	0%	0

iudx.resource.server.databroker

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	AdapterEntitiesTest	11	0	0	0	100%	4.72
	CallbackSubscriptionTest	1	0	0	1	0%	0
	DataBrokerServiceTest	39	0	0	0	100%	2.706

iudx.resource.server.metering

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	MeteringServiceTest	10	0	0	0	100%	0.675

iudx.resource.server.apiserver.query

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	QueryMapperTest	17	0	0	0	100%	1.81

iudx.resource.server.database.archives

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	DatabaseServiceTest	48	0	0	4	91.667%	6.624

Test Cases

[\[Summary\]](#) [\[Package List\]](#) [\[Test Cases\]](#)

TimeRelTypeValidatorTest

	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[1]	0.038
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[2]	0.017
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[3]	0.059
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[4]	0.011
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[5]	0.021
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[6]	0.01
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[7]	0.018
	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[8]	0.019

	testInvalidTimeRelValue(String, boolean, Vertx, VertxTestContext)[9]	0.015
	testValidTimeRelValue(String, boolean, Vertx, VertxTestContext)[1]	0.024
	testValidTimeRelValue(String, boolean, Vertx, VertxTestContext)[2]	0.02
	testValidTimeRelValue(String, boolean, Vertx, VertxTestContext)[3]	0.02
	testValidTimeRelValue(String, boolean, Vertx, VertxTestContext)[4]	0.03

PaginationLimitTypeValidatorTest

	testValidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.046
	testValidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.038
	testValidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.02
	testValidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.016
	testValidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.029
	testValidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.019
	testInvalidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.014

	testInvalidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.039
	testInvalidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.017
	testInvalidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.041
	testInvalidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.025
	testInvalidLimitTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.022

ValidatorTest

	testInvalidGeoRelTypeValue(String, Vertx, VertxTestContext)[1]	0.462
	testInvalidGeoRelTypeValue(String, Vertx, VertxTestContext)[2]	0.181
	testInvalidGeoRelTypeValue(String, Vertx, VertxTestContext)[3]	0.181
	testInvalidGeoRelTypeValue(String, Vertx, VertxTestContext)[4]	0.129
	testInvalidGeoRelTypeValue(String, Vertx, VertxTestContext)[5]	0.091
	testInvalidGeoRelTypeValue(String, Vertx, VertxTestContext)[6]	0.064
	testValidGeoRelTypeValue(String, Vertx, VertxTestContext)[1]	0.983

	testValidGeoRelTypeValue(String, Vertx, VertxTestContext)[2]	0.279
	testValidGeoRelTypeValue(String, Vertx, VertxTestContext)[3]	0.238
	validWithoutQJsonTest(Vertx,VertxTestContext)	0.274
	validWithoutGeoQJsonTest(Vertx,VertxTestContext)	0.248
	successCreatedJson(Vertx,VertxTestContext)	0.048
	extraParamTest(Vertx,VertxTestContext)	0.047
	testInvalidAttrsTypeValue(String, String, Vertx, VertxTestContext)[1]	0.034
	testInvalidAttrsTypeValue(String, String, Vertx, VertxTestContext)[2]	0.083
	testInvalidAttrsTypeValue(String, String, Vertx, VertxTestContext)[3]	0.048
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[1]	0.031
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[2]	0.055
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[3]	0.028
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[4]	0.021

	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[5]	0.062
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[6]	0.019
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[7]	0.065
	testInvalidCoordinatesTypeValue(String, String, Vertx, VertxTestContext)[8]	0.081
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[1]	0.077
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[2]	0.035
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[3]	0.077
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[4]	0.059
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[5]	0.046
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[6]	0.051
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[7]	0.025
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[8]	0.04
	testInvalidQTypeValue(String, Vertx, VertxTestContext)[9]	0.051

	validJsonTest(Vertex,VertexTestContext)	0.212
	validWithoutAttrsJsonTest(Vertex,VertexTestContext)	0.195

GeoRelTypeValidatorTest

	testValidGeoRelValue(String, boolean, Vertex, VertexTestContext)[1]	0.039
	testValidGeoRelValue(String, boolean, Vertex, VertexTestContext)[2]	0.044
	testValidGeoRelValue(String, boolean, Vertex, VertexTestContext)[3]	0.066
	testValidGeoRelValue(String, boolean, Vertex, VertexTestContext)[4]	0.03
	testInvalidGeoRelValue(String, boolean, Vertex, VertexTestContext)[1]	0.015
	testInvalidGeoRelValue(String, boolean, Vertex, VertexTestContext)[2]	0.015
	testInvalidGeoRelValue(String, boolean, Vertex, VertexTestContext)[3]	0.042
	testInvalidGeoRelValue(String, boolean, Vertex, VertexTestContext)[4]	0.048
	testInvalidGeoRelValue(String, boolean, Vertex, VertexTestContext)[5]	0.023
	testInvalidGeoRelValue(String, boolean, Vertex, VertexTestContext)[6]	0.011

	testInvalidGeoRelValue(String, boolean, Vertx, VertxTestContext)[7]	0.024
	testInvalidGeoRelValue(String, boolean, Vertx, VertxTestContext)[8]	0.033

PaginationOffsetTypeValidatorTest

	testInvalidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.035
	testInvalidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.019
	testInvalidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.016
	testInvalidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.01
	testInvalidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.029
	testInvalidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.025
	testValidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.011
	testValidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.009
	testValidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.045
	testValidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.03

	testValidOffsetTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.029
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MeteringServiceTest

	readForGivenResourceAndTime(VertxTestContext)	0.261
	writeData(VertxTestContext)	0.1
	readFromInvalidTimeInterval(VertxTestContext)	0.002
	readForInvalidStartTime(VertxTestContext)	0.003
	readForInvalidEndTime(VertxTestContext)	0.003
	readForEmptyResponse(VertxTestContext)	0.083
	readFromValidTimeInterval(VertxTestContext)	0.051
	readForGivenEmailResourceAndTime(VertxTestContext)	0.051
	readForGivenEmailAndTime(VertxTestContext)	0.057
	readForMissingStartTime(VertxTestContext)	0.006

CallbackServiceTest

	+ [Detail]	0
	class iudx.resource.server.callback.CallbackServiceTest is @Disabled	

AdapterEntitiesTest

	successRegisterAdaptor(VertxTestContext)	0.676
	successGetExchange(VertxTestContext)	0.065
	successListAdaptor(VertxTestContext)	1.044
	successPublishHeartbeat(VertxTestContext)	0.073
	successRegisterAdaptorwithExistingUser(VertxTestContext)	0.389
	successGetExchangeExistingUser(VertxTestContext)	0.032
	successListAdaptorExistingUser(VertxTestContext)	1.035
	failureRegisterAdaptorwithExistingUser(VertxTestContext)	1.091
	successDeleteAdaptor(VertxTestContext)	0.076
	successDeleteAdaptorExistingUser(VertxTestContext)	0.074

	failureRegisterInvalidAdaptorID(VertxTestContext)	0.01
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CallbackSubscriptionTest

	+ [Detail]	0
	class iudx.resource.server.databroker.CallbackSubscriptionTest is @Disabled	

QTypeValidatorTest

	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.032
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.02
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.026
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.024
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.013
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.029
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[7]	0.029
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[8]	0.012

	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[9]	0.007
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[10]	0.008
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[11]	0.047
	testInvalidQTypeValue(String, boolean, Vertx, VertxTestContext)[12]	0.038
	testValidQValue(String, boolean, Vertx, VertxTestContext)[1]	0.014
	testValidQValue(String, boolean, Vertx, VertxTestContext)[2]	0.008
	testValidQValue(String, boolean, Vertx, VertxTestContext)[3]	0.009
	testValidQValue(String, boolean, Vertx, VertxTestContext)[4]	0.018

GeometryTypeValidatorTest

	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.03
	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.025
	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.012
	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.026

	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.024
	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.018
	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[7]	0.018
	testInvalidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[8]	0.022
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.008
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.01
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.023
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.027
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.018
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.016
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[7]	0.017
	testValidGeomTypeValue(String, boolean, Vertx, VertxTestContext)[8]	0.015

OptionsTypeValidatorTest

	testValidNullOptionsValue(Vertx,VertxTestContext)	0.037
	testInvalidOptionsValue(String, boolean, Vertx, VertxTestContext)[1]	0.029
	testInvalidOptionsValue(String, boolean, Vertx, VertxTestContext)[2]	0.025
	testInvalidOptionsValue(String, boolean, Vertx, VertxTestContext)[3]	0.023
	testValidOptionsValue(Vertx,VertxTestContext)	0.041

JwtAuthServiceImplTest

	invalidAudienceCheck(VertxTestContext)	0.049
	decodeJwtConsumerSuccess(VertxTestContext)	0.05
	closedConsumerTokenSubsAPI(VertxTestContext)	0.189
	providerTokenSubsAPI(VertxTestContext)	0.042
	shouldSucceed(VertxTestContext)	0.014
	decodeJwtDelegateSuccess(VertxTestContext)	0.009
	openConsumerTokenSubsAPI(VertxTestContext)	0.011

	access4ProviderTokenEntitiesAPI(VertxTestContext)	0.007
	access4ConsumerTokenSubsAPI(VertxTestContext)	0.016
	decodeJwtFailure(VertxTestContext)	0.022
	access4ConsumerTokenSubsAPIFailure(VertxTestContext)	0.009
	allow4DelegateTokenIngestAPI(VertxTestContext)	0.023
	disallow4ClosedEndpoint(VertxTestContext)	0.037
	access4ProviderTokenIngestionGetAPI(VertxTestContext)	0.018
	allow4OpenEndpoint(VertxTestContext)	0.004
	closeProviderTokenIngestAPI(VertxTestContext)	0.016
	validIdCheck4JwtToken(VertxTestContext)	0.008
	decodeJwtProviderSuccess(VertxTestContext)	0.011
	allow4ClosedEndpoint(VertxTestContext)	0.032
	success4ConsumerTokenEntitiesAPI(VertxTestContext)	0.021

	access4ConsumerTokenEntitiesPostAPI(VertxTestContext)	0.006
	invalidIdCheck4JwtToken(VertxTestContext)	0.012
	success4ConsumerTokenSubsAPI(VertxTestContext)	0.025
	closeProviderTokenApiAPI(VertxTestContext)	0.04
	access4ConsumerTokenEntitiesAPI(VertxTestContext)	0.002
	access4ConsumerTokenIngestAPI(VertxTestContext)	0.034
	access4ProviderTokenIngestionPostAPI(VertxTestContext)	0.028

AuthenticationServiceTest

	+ [Detail]	0
	class iudx.resource.server.authenticator.AuthenticationServiceTest is @Disabled	

AttrsTypeValidatorTest

	testValidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.051
	testValidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.022

	testInvalidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.019
	testInvalidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.036
	testInvalidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.069
	testInvalidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.041
	testInvalidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.018
	testInvalidAttrsTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.014

CoordinatesTypeValidatorTest

	testValidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.069
	testValidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.043
	testValidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.033
	testValidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.021
	testValidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.021
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.029

	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.023
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.022
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.037
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.022
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.062
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[7]	0.029
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[8]	0.039
	testInvalidCoordinatesTypeValue(String, boolean, Vertx, VertxTestContext)[9]	0.022

DateTypeValidatorTest

	testValidDateTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.032
	testValidDateTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.022
	testValidDateTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.033
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.018

	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.038
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.034
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.029
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.021
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.036
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[7]	0.017
	testInvalidDateTypeValue(String, boolean, Vertx, VertxTestContext)[8]	0.013

QueryMapperTest

	testToJson4CircleQuery(Vertx, VertxTestContext)	0.383
	testToJson4TemporalInvalidTimeQuery(Vertx, VertxTestContext)	0.074
	testInvalidQTermValue(String, String, Vertx, VertxTestContext)[1]	0.122
	testInvalidQTermValue(String, String, Vertx, VertxTestContext)[2]	0.12
	testInvalidQTermValue(String, String, Vertx, VertxTestContext)[3]	0.144

	testInvalidQTermValue(String, String, Vertx, VertxTestContext)[4]	0.043
	testInvalidQTermValue(String, String, Vertx, VertxTestContext)[5]	0.037
	testInvalidQTermValue(String, String, Vertx, VertxTestContext)[6]	0.027
	testToJson4TemporalQuery(Vertx,VertxTestContext)	0.049
	testToJson4GeoQuery(Vertx,VertxTestContext)	0.118
	testToJson4TemporalDuringQuery(Vertx,VertxTestContext)	0.046
	testIncompleteGeoQuery(Vertx,VertxTestContext)	0.07
	testInvalidTemporalIntervalQuery(Vertx,VertxTestContext)	0.075
	testGetQueryTerms(Vertx,VertxTestContext)	0.041
	testToJson4SimpleAttributeQuery(Vertx,VertxTestContext)	0.077
	testInvalidTemporalQuery(Vertx,VertxTestContext)	0.146
	testToJson(Vertx,VertxTestContext)	0.057

DataBrokerServiceTest

	successCreateExchange(VertxTestContext)	0.084
	failCreateExchange(VertxTestContext)	0.032
	successCreateQueue(VertxTestContext)	0.047
	failCreateQueue(VertxTestContext)	0.039
	successBindQueue(VertxTestContext)	0.067
	successListExchangeBindings(VertxTestContext)	0.036
	successListQueueBindings(VertxTestContext)	0.039
	successUnbindQueue(VertxTestContext)	0.05
	successDeleteQueue(VertxTestContext)	0.039
	failDeleteQueue(VertxTestContext)	0.037
	successDeleteExchange(VertxTestContext)	0.041
	failDeleteExchange(VertxTestContext)	0.043
	successCreateVhost(VertxTestContext)	0.07

	successDeleteVhost(VertxTestContext)	0.101
	successListVhosts(VertxTestContext)	0.035
	successPublishMessage(VertxTestContext)	0.004
	failedregisterStreamingSubscriptionEmptyRequest(VertxTestContext)	0.001
	failedregisterStreamingSubscriptionInvalidExchange(VertxTestContext)	0.325
	failedregisterStreamingSubscriptionNullRoutingKey(VertxTestContext)	0.135
	failedregisterStreamingSubscriptionInvalidRoutingKey(VertxTestContext)	0.162
	successregisterStreamingSubscription(VertxTestContext)	0.142
	failedregisterStreamingSubscriptionAlreadyExistingQueue(VertxTestContext)	0.089
	successlistStreamingSubscription(VertxTestContext)	0.035
	failedlistStreamingSubscriptionIdNotFound(VertxTestContext)	0.032
	successupdateStreamingSubscription(VertxTestContext)	0.164
	failedupdateStreamingSubscriptionEmptyRequest(VertxTestContext)	0.002

	failedupdateStreamingSubscriptionInvalidExchange(VertxTestContext)	0.189
	failedupdateStreamingSubscriptionNullRoutingKey(VertxTestContext)	0.126
	failedupdateStreamingSubscriptionInvalidRoutingKey(VertxTestContext)	0.155
	successlistupdatedStreamingSubscription(VertxTestContext)	0.03
	successappendStreamingSubscription(VertxTestContext)	0.033
	failedappendStreamingSubscriptionEmptyRequest(VertxTestContext)	0.001
	failedappendStreamingSubscriptionInvalidExchange(VertxTestContext)	0.03
	failedappendStreamingSubscriptionNullRoutingKey(VertxTestContext)	0.033
	failedappendStreamingSubscriptionInvalidRoutingKey(VertxTestContext)	0.033
	successlistappenddStreamingSubscription(VertxTestContext)	0.032
	failureappendStreamingSubscriptionQueueNotPresent(VertxTestContext)	0.032
	successdeleteStreamingSubscription(VertxTestContext)	0.032
	faileddeleteStreamingSubscriptionIdNotFound(VertxTestContext)	0.029

IdTypeValidatorTest

	testValidIDTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.048
	testValidIDTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.032
	testValidIDTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.023
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[1]	0.043
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[2]	0.015
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[3]	0.034
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[4]	0.027
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[5]	0.027
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[6]	0.034
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[7]	0.043
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[8]	0.056
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[9]	0.046

	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[10]	0.146
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[11]	0.02
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[12]	0.014
	testInvalidIDTypeValue(String, boolean, Vertx, VertxTestContext)[13]	0.029

DistanceTypeValidatorTest

	testValidDistanceValue(String, boolean, Vertx, VertxTestContext)[1]	0.073
	testValidDistanceValue(String, boolean, Vertx, VertxTestContext)[2]	0.073
	testValidDistanceValue(String, boolean, Vertx, VertxTestContext)[3]	0.036
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[1]	0.035
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[2]	0.066
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[3]	0.088
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[4]	0.116
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[5]	0.037

	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[6]	0.038
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[7]	0.029
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[8]	0.049
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[9]	0.022
	testInvalidDistanceValue(String, boolean, Vertx, VertxTestContext)[10]	0.033

ApiServerVerticleTest

	+ [Detail]	0
	class iudx.resource.server.apiserver.ApiServerVerticleTest is @Disabled	

DatabaseServiceTest

	searchTemporalInvalidEndDate(VertxTestContext)	0.192
	searchTequalsTemporal(VertxTestContext) + [Detail]	0
	no tequals supported by IUDX	
	searchAttributeGt(VertxTestContext)	0.756
	searchAttributeLt(VertxTestContext)	0.208

	searchAttributeNe(VertxTestContext)	0.187
	searchTemporalInvalidTimerel(VertxTestContext)	0.002
	searchMissingResponseFilterParams(VertxTestContext)	0.002
	searchGeoCircle(VertxTestContext)	0.539
	searchPolygonFirstLastNoMatch(VertxTestContext)	0.002
	searchGeoPolygon(VertxTestContext)	0.503
	searchGeoLineString(VertxTestContext)	0.49
	searchAttributeEqual(VertxTestContext)	0.188
	autoIndexInvalidId(VertxTestContext)	0.051
	searchAttributeGte(VertxTestContext)	0.205
	searchAttributeLte(VertxTestContext)	0.193
	searchTemporalInvalidTimeInterval(VertxTestContext)	0.006
	searchAfterTemporal(VertxTestContext)	0.112

	latestSearchFiltered(VertxTestContext) + [Detail]	0
	void iudx.resource.server.database.archives.DatabaseServiceTest.latestSearchFiltered(io.vertx.junit5.VertxTestContext) is @Disabled	
	searchMissingGeoParamsGeometry(VertxTestContext)	0.004
	searchMissingGeoParamsCircle(VertxTestContext)	0.003
	searchComplexPart2(VertxTestContext)	0.094
	searchComplexGeoResponse(VertxTestContext)	0.444
	searchEmptyResponse(VertxTestContext)	0.036
	countResponseFilter(VertxTestContext)	0.004
	searchPartialComplex(VertxTestContext) + [Detail]	0
	void iudx.resource.server.database.archives.DatabaseServiceTest.searchPartialComplex(io.vertx.junit5.VertxTestContext) is @Disabled	
	searchBeforeTemporalIST(VertxTestContext)	0.493
	searchResponseFilter(VertxTestContext)	0.342

	countGeoPolygon(VertxTestContext)	0.041
	latestSearch(VertxTestContext) + [Detail]	0
	void iudx.resource.server.database.archives.DatabaseServiceTest.latestSearch(io.vertx.junit5.VertxTestContext) is @Disabled	
	searchEmptyResourceId(VertxTestContext)	0.003
	searchBboxEmptyResponse(VertxTestContext)	0.046
	countWithNoResourceId(VertxTestContext)	0.002
	countWithSearchType(VertxTestContext)	0.002
	searchDuringTemporal(VertxTestContext)	0.087
	searchTemporalInvalidDate(VertxTestContext)	0.002
	searchWithSearchType(VertxTestContext)	0.003
	countGeoLineString(VertxTestContext)	0.038
	countEmptyResourceId(VertxTestContext)	0.002
	searchBeforeTemporal(VertxTestContext)	0.103

	searchGeoBbox(VertxTestContext)	0.542
	countGeoBbox(VertxTestContext)	0.042
	searchWithNoResourceId(VertxTestContext)	0.001
	searchInvalidAttributeOP(VertxTestContext)	0.005
	searchInvalidType(VertxTestContext)	0.002
	searchAttributeBetween(VertxTestContext)	0.199
	malformedResourceId(VertxTestContext)	0.001
	countEmptyResponse(VertxTestContext)	0.034
	countGeoCircle(VertxTestContext)	0.033

LatestServiceTest

	searchEmptyId(VertxTestContext)	0.102
	searchLatestResourceflood(VertxTestContext)	0.031
	searchLatestResourceItms(VertxTestContext)	0.033

	searchWithNoId(VertxTestContext)	0.002
	searchLatestResourcefloodIdnotPresent(VertxTestContext)	0.039

GeoPropertyTypeValidatorTest

	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[1]	0.074
	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[2]	0.019
	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[3]	0.015
	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[4]	0.017
	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[5]	0.039
	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[6]	0.032
	testInvalidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[7]	0.018
	testValidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[1]	0.031
	testValidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[2]	0.013
	testValidGeoPropertyValue(String, boolean, Vertx, VertxTestContext)[3]	0.022

RedisCommandArgsBuilderTest

	resourceLevelArgs	0.002
	groupLevelArgs	0.001

Failure Details

[\[Summary\]](#) [\[Package List\]](#) [\[Test Cases\]](#)

	skipped: class iudx.resource.server.callback.CallbackServiceTest is @Disabled
	skipped: class iudx.resource.server.databroker.CallbackSubscriptionTest is @Disabled
	skipped: class iudx.resource.server.authenticator.AuthenticationServiceTest is @Disabled
	skipped: class iudx.resource.server.apiserver.ApiServerVerticleTest is @Disabled
	searchTequalsTemporal(VertxTestContext)
	skipped: no tequals supported by IUDX

	latestSearchFiltered(VertxTestContext)
	skipped: void iudx.resource.server.database.archives.DatabaseServiceTest.latestSearchFiltered(io.vertx.junit5.VertxTestContext) is @Disabled
	searchPartialComplex(VertxTestContext)
	skipped: void iudx.resource.server.database.archives.DatabaseServiceTest.searchPartialComplex(io.vertx.junit5.VertxTestContext) is @Disabled
	latestSearch(VertxTestContext)
	skipped: void iudx.resource.server.database.archives.DatabaseServiceTest.latestSearch(io.vertx.junit5.VertxTestContext) is @Disabled

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