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Common Application Properties

Various properties can be specified inside your `application.properties` file, inside your `application.yaml` file, or as command line switches. This appendix provides a list of common Spring Boot properties and references to the underlying classes that consume them.

Spring Boot provides various conversion mechanism with advanced value formatting, make sure to review [the properties conversion section](#). Property contributions can come from additional jar files on your classpath, so you should not consider this an exhaustive list. Also, you can define your own properties.

Core Properties

Name	Description	Default Value
debug	Enable debug logs.	false
info.*	Arbitrary properties to add to the info endpoint.	
logging.charset.console	Charset to use for console output.	
logging.charset.file	Charset to use for file output.	
logging.config	Location of the logging configuration file. For instance, `classpath:logback.xml` for Logback.	
logging.exception-conversion-word	Conversion word used when logging exceptions.	%wEx
logging.file.name	Log file name (for instance, `myapp.log`). Names can be an exact location or relative to the current directory.	
logging.file.path	Location of the log file. For instance, `/var/log`.	
logging.group.*	Log groups to quickly change multiple loggers at the same time. For instance, `logging.group.db=org.hibernate.org.springframework.jdbc`.	
logging.include-application-name	Whether to include the application name in the logs.	true
logging.level.*	Log levels severity mapping. For instance, `logging.level.org.springframework=DEBUG`.	
logging.log4j2.config.override	Overriding configuration files used to create a composite configuration.	
logging.logback.rollingpolicy.clean-history-on-start	Whether to clean the archive log files on startup.	false
logging.logback.rollingpolicy.file-name-pattern	Pattern for rolled-over log file names.	\${LOG_FILE}_%d{yyyy-MM-dd}_%i.gz
logging.logback.rollingpolicy.max-file-size	Maximum log file size.	10MB
logging.logback.rollingpolicy.max-history	Maximum number of archive log files to keep.	7
logging.logback.rollingpolicy.total-size-cap	Total size of log backups to be kept.	0B
logging.pattern.console	Appender pattern for output to the console. Supported only with the default Logback setup.	%clr(%d{\${LOG_DATEFORMAT_PATTERN:-yyyy-MM-dd'T'HH:mm:ss.SSSXXX}) %clr(\${LOG_LEVEL_PATTERN:-%5p}) %clr(\${PID:- }){magenta} %clr(---){faint} %clr([%15.15t]){faint} %clr(%-40.40logger{39}){cyan} %clr(:){faint} %m%n\${LOG_EXCEPTION_CONVERSION_WORD:-%wEx}
logging.pattern.correlation	Appender pattern for log correlation. Supported only with the default Logback setup.	
logging.pattern.dateformat	Appender pattern for log date format. Supported only with the default Logback setup.	yyyy-MM-dd'T'HH:mm:ss.SSSXXX
logging.pattern.file	Appender pattern for output to a file. Supported only with the default Logback setup.	%d{\${LOG_DATEFORMAT_PATTERN:-yyyy-MM-dd'T'HH:mm:ss.SSSXXX}} %clr(\${LOG_LEVEL_PATTERN:-%5p}) %clr(\${PID:- }){magenta} %clr(---){faint} %clr([%15.15t]){faint} %clr(%-40.40logger{39}){cyan} %clr(:){faint} %m%n\${LOG_EXCEPTION_CONVERSION_WORD:-%wEx}
logging.pattern.level	Appender pattern for log level. Supported only with the default Logback setup.	%5p
logging.register-shutdown-hook	Register a shutdown hook for the logging system when it is initialized. Disabled automatically when deployed as a war file.	true
logging.threshold.console	Log level threshold for console output.	TRACE
logging.threshold.file	Log level threshold for file output.	TRACE
spring.aop.auto	Add @EnableAspectJAutoProxy.	true
spring.aop.proxy-target-class	Whether subclass-based (CGLIB) proxies are to be created (true), as opposed to standard Java interface-based proxies (false).	true

spring.application.admin.enabled	Whether to enable admin features for the application.	false
spring.application.admin.jmx-name	JMX name of the application admin MBean.	org.springframework.boot:type=Admin,name=Spring
spring.application.name	Application name.	
spring.autoconfigure.exclude	Auto-configuration classes to exclude.	
spring.banner.charset	Banner file encoding.	UTF-8
spring.banner.location	Banner text resource location.	classpath:banner.txt
spring.beaninfo.ignore	Whether to skip search of BeanInfo classes.	true
spring.codec.log-request-details	Whether to log form data at DEBUG level, and headers at TRACE level.	false
spring.codec.max-in-memory-size	Limit on the number of bytes that can be buffered whenever the input stream needs to be aggregated. This applies only to the auto-configured WebFlux server and WebClient instances. By default this is not set, in which case individual codec defaults apply. Most codecs are limited to 256K by default.	
spring.config.activate.on-cloud-platform	Required cloud platform for the document to be included.	
spring.config.activate.on-profile	Profile expressions that should match for the document to be included.	
spring.config.additional-location	Config file locations used in addition to the defaults.	
spring.config.import	Import additional config data.	
spring.config.location	Config file locations that replace the defaults.	
spring.config.name	Config file name.	application
spring.info.build.encoding	File encoding.	UTF-8
spring.info.build.location	Location of the generated build-info.properties file.	classpath:META-INF/build-info.properties
spring.info.git.encoding	File encoding.	UTF-8
spring.info.git.location	Location of the generated git.properties file.	classpath:git.properties
spring.jmx.default-domain	JMX domain name.	
spring.jmx.enabled	Expose management beans to the JMX domain.	false
spring.jmx.registration-policy	JMX Registration policy.	fail-on-existing
spring.jmx.server	MBeanServer bean name.	mbeanServer
spring.jmx.unique-names	Whether unique runtime object names should be ensured.	false
spring.lifecycle.timeout-per-shutdown-phase	Timeout for the shutdown of any phase (group of SmartLifecycle beans with the same 'phase' value).	30s
spring.main.allow-bean-definition-overriding	Whether bean definition overriding, by registering a definition with the same name as an existing definition, is allowed.	false
spring.main.allow-circular-references	Whether to allow circular references between beans and automatically try to resolve them.	false
spring.main.banner-mode	Mode used to display the banner when the application runs.	console
spring.main.cloud-platform	Override the Cloud Platform auto-detection.	
spring.main.keep-alive	Whether to keep the application alive even if there are no more non-daemon threads.	false
spring.main.lazy-initialization	Whether initialization should be performed lazily.	false
spring.main.log-startup-info	Whether to log information about the application when it starts.	true
spring.main.register-shutdown-hook	Whether the application should have a shutdown hook registered.	true
spring.main.sources	Sources (class names, package names, or XML resource locations) to include in the ApplicationContext.	
spring.main.web-application-type	Flag to explicitly request a specific type of web application. If not set, auto-detected based on the classpath.	
spring.mandatory-file-encoding	Expected character encoding the application must use.	
spring.messages.always-use-message-format	Whether to always apply the MessageFormat rules, parsing even messages without arguments.	false
spring.messages.basename	Comma-separated list of basenames (essentially a fully-qualified classpath location), each following the ResourceBundle convention with relaxed support for slash based locations. If it doesn't contain a package qualifier (such as "org.mypackage"), it will be resolved from the classpath root.	messages
spring.messages.cache-duration	Loaded resource bundle files cache duration. When not set, bundles are cached forever. If a duration suffix is not specified, seconds will be used.	

spring.messages.encoding	Message bundles encoding.	UTF-8
spring.messages.fallback-to-system-locale	Whether to fall back to the system Locale if no files for a specific Locale have been found. If this is turned off, the only fallback will be the default file (e.g. "messages.properties" for basename "messages").	true
spring.messages.use-code-as-default-message	Whether to use the message code as the default message instead of throwing a "NoSuchMessageException". Recommended during development only.	false
spring.output.ansi.enabled	Configures the ANSI output.	detect
spring.pid.fail-on-write-error	Fails if ApplicationPidFileWriter is used but it cannot write the PID file.	
spring.pid.file	Location of the PID file to write (if ApplicationPidFileWriter is used).	
spring.profiles.active	Comma-separated list of active profiles. Can be overridden by a command line switch.	
spring.profiles.default	Name of the profile to enable if no profile is active.	default
spring.profiles.group.*	Profile groups to define a logical name for a related group of profiles.	
spring.profiles.include	Unconditionally activate the specified comma-separated list of profiles (or list of profiles if using YAML).	
spring.quartz.auto-startup	Whether to automatically start the scheduler after initialization.	true
spring.quartz.jdbc.comment-prefix	Prefixes for single-line comments in SQL initialization scripts.	[#, --]
spring.quartz.jdbc.initialize-schema	Database schema initialization mode.	embedded
spring.quartz.jdbc.platform	Platform to use in initialization scripts if the @@platform@@ placeholder is used. Auto-detected by default.	
spring.quartz.jdbc.schema	Path to the SQL file to use to initialize the database schema.	classpath:org/quartz/impl/jdbcjobstore/tables_
spring.quartz.job-store-type	Quartz job store type.	memory
spring.quartz.override-existing-jobs	Whether configured jobs should overwrite existing job definitions.	false
spring.quartz.properties.*	Additional Quartz Scheduler properties.	
spring.quartz.scheduler-name	Name of the scheduler.	quartzScheduler
spring.quartz.startup-delay	Delay after which the scheduler is started once initialization completes. Setting this property makes sense if no jobs should be run before the entire application has started up.	0s
spring.quartz.wait-for-jobs-to-complete-on-shutdown	Whether to wait for running jobs to complete on shutdown.	false
spring.reactor.context-propagation	Context Propagation support mode for Reactor operators.	limited
spring.reactor.debug-agent.enabled	Whether the Reactor Debug Agent should be enabled when reactor-tools is present.	true
spring.reactor.netty.shutdown-quiet-period	Amount of time to wait before shutting down resources.	
spring.ssl.bundle.jks.*	Java keystore SSL trust material.	
spring.ssl.bundle.pem.*	PEM-encoded SSL trust material.	
spring.ssl.bundle.watch.file.quiet-period	Quiet period, after which changes are detected.	10s
spring.task.execution.pool.allow-core-thread-timeout	Whether core threads are allowed to time out. This enables dynamic growing and shrinking of the pool.	true
spring.task.execution.pool.core-size	Core number of threads.	8
spring.task.execution.pool.keep-alive	Time limit for which threads may remain idle before being terminated.	60s
spring.task.execution.pool.max-size	Maximum allowed number of threads. If tasks are filling up the queue, the pool can expand up to that size to accommodate the load. Ignored if the queue is unbounded.	
spring.task.execution.pool.queue-capacity	Queue capacity. An unbounded capacity does not increase the pool and therefore ignores the "max-size" property.	
spring.task.execution.pool.shutdown.accept-tasks-after-context-close	Whether to accept further tasks after the application context close phase has begun.	false
spring.task.execution.shutdown.await-termination	Whether the executor should wait for scheduled tasks to complete on shutdown.	false

spring.task.execution.shutdown.await-termination-period	Maximum time the executor should wait for remaining tasks to complete.	
spring.task.execution.simple.concurrency-limit	Set the maximum number of parallel accesses allowed. -1 indicates no concurrency limit at all.	
spring.task.execution.thread-name-prefix	Prefix to use for the names of newly created threads.	task-
spring.task.scheduling.pool.size	Maximum allowed number of threads.	1
spring.task.scheduling.shutdown.await-termination-period	Whether the executor should wait for scheduled tasks to complete on shutdown.	false
spring.task.scheduling.shutdown.await-termination-period	Maximum time the executor should wait for remaining tasks to complete.	
spring.task.scheduling.simple.concurrency-limit	Set the maximum number of parallel accesses allowed. -1 indicates no concurrency limit at all.	
spring.task.scheduling.thread-name-prefix	Prefix to use for the names of newly created threads.	scheduling-
spring.threads.virtual.enabled	Whether to use virtual threads.	false
trace	Enable trace logs.	false

Cache Properties

Name	Description	Default Value
spring.cache.cache-names	Comma-separated list of cache names to create if supported by the underlying cache manager. Usually, this disables the ability to create additional caches on-the-fly.	
spring.cache.caffeine.spec	The spec to use to create caches. See CaffeineSpec for more details on the spec format.	
spring.cache.couchbase.expiration	Entry expiration. By default the entries never expire. Note that this value is ultimately converted to seconds.	
spring.cache.infinispan.config	The location of the configuration file to use to initialize Infinispan.	
spring.cache.jcache.config	The location of the configuration file to use to initialize the cache manager. The configuration file is dependent of the underlying cache implementation.	
spring.cache.jcache.provider	Fully qualified name of the CachingProvider implementation to use to retrieve the JSR-107 compliant cache manager. Needed only if more than one JSR-107 implementation is available on the classpath.	
spring.cache.redis.cache-null-values	Allow caching null values.	true
spring.cache.redis.enable-statistics	Whether to enable cache statistics.	false
spring.cache.redis.key-prefix	Key prefix.	
spring.cache.redis.time-to-live	Entry expiration. By default the entries never expire.	
spring.cache.redis.use-key-prefix	Whether to use the key prefix when writing to Redis.	true
spring.cache.type	Cache type. By default, auto-detected according to the environment.	

Mail Properties

Name	Description	Default Value
spring.mail.default-encoding	Default MimeMessage encoding.	UTF-8
spring.mail.host	SMTP server host. For instance, 'smtp.example.com'.	
spring.mail.jndi-name	Session JNDI name. When set, takes precedence over other Session settings.	
spring.mail.password	Login password of the SMTP server.	
spring.mail.port	SMTP server port.	
spring.mail.properties.*	Additional JavaMail Session properties.	
spring.mail.protocol	Protocol used by the SMTP server.	smtp
spring.mail.test-connection	Whether to test that the mail server is available on startup.	false
spring.mail.username	Login user of the SMTP server.	
spring.sendgrid.api-key	SendGrid API key.	
spring.sendgrid.proxy.host	SendGrid proxy host.	
spring.sendgrid.proxy.port	SendGrid proxy port.	

JSON Properties

Name	Description	Default Value
spring.gson.date-format	Format to use when serializing Date objects.	

spring.gson.disable-html-escaping	Whether to disable the escaping of HTML characters such as '<', '>', etc.
spring.gson.disable-inner-class-serialization	Whether to exclude inner classes during serialization.
spring.gson.enable-complex-map-key-serialization	Whether to enable serialization of complex map keys (i.e. non-primitives).
spring.gson.exclude-fields-without-expose-annotation	Whether to exclude all fields from consideration for serialization or deserialization that do not have the "Expose" annotation.
spring.gson.field-naming-policy	Naming policy that should be applied to an object's field during serialization and deserialization.
spring.gson.generate-non-executable-json	Whether to generate non-executable JSON by prefixing the output with some special text.
spring.gson.lenient	Whether to be lenient about parsing JSON that doesn't conform to RFC 4627.
spring.gson.long-serialization-policy	Serialization policy for Long and long types.
spring.gson.pretty-printing	Whether to output serialized JSON that fits in a page for pretty printing.
spring.gson.serialize-nulls	Whether to serialize null fields.
spring.jackson.constructor-detector	Strategy to use to auto-detect constructor, and in particular behavior with single-argument constructors. default
spring.jackson.datatype.enum.*	Jackson on/off features for enums.
spring.jackson.datatype.json-node.*	Jackson on/off features for JsonNodes.
spring.jackson.date-format	Date format string or a fully-qualified date format class name. For instance, 'yyyy-MM-dd HH:mm:ss'.
spring.jackson.default-lenieny	Global default setting (if any) for leniency.
spring.jackson.default-property-inclusion	Controls the inclusion of properties during serialization. Configured with one of the values in Jackson's JsonInclude.Include enumeration.
spring.jackson.deserialization.*	Jackson on/off features that affect the way Java objects are deserialized.
spring.jackson.generator.*	Jackson on/off features for generators.
spring.jackson.locale	Locale used for formatting.
spring.jackson.mapper.*	Jackson general purpose on/off features.
spring.jackson.parser.*	Jackson on/off features for parsers.
spring.jackson.property-naming-strategy	One of the constants on Jackson's PropertyNamingStrategies. Can also be a fully-qualified class name of a PropertyNamingStrategy implementation.
spring.jackson.serialization.*	Jackson on/off features that affect the way Java objects are serialized.
spring.jackson.time-zone	Time zone used when formatting dates. For instance, "America/Los_Angeles" or "GMT+10".
spring.jackson.visibility.*	Jackson visibility thresholds that can be used to limit which methods (and fields) are auto-detected.

Data Properties

Name	Description	Default Value
spring.cassandra.compression	Compression supported by the Cassandra binary protocol.	none
spring.cassandra.config	Location of the configuration file to use.	
spring.cassandra.connection.connect-timeout	Timeout to use when establishing driver connections.	5s
spring.cassandra.connection.init-query-timeout	Timeout to use for internal queries that run as part of the initialization process, just after a connection is opened.	5s
spring.cassandra.contact-points	Cluster node addresses in the form 'host:port', or a simple 'host' to use the configured port.	[127.0.0.1:9042]
spring.cassandra.controlconnection.timeout	Timeout to use for control queries.	5s
spring.cassandra.keyspace-name	Keyspace name to use.	
spring.cassandra.local-datacenter	Datacenter that is considered "local". Contact points should be from this datacenter.	
spring.cassandra.password	Login password of the server.	
spring.cassandra.pool.heartbeat-interval	Heartbeat interval after which a message is sent on an idle connection to make sure it's still alive.	30s
spring.cassandra.pool.idle-timeout	Idle timeout before an idle connection is removed.	5s
spring.cassandra.port	Port to use if a contact point does not specify one.	9042
spring.cassandra.request.consistency	Queries consistency level.	
spring.cassandra.request.page-size	How many rows will be retrieved simultaneously in a single network round-trip.	5000

spring.cassandra.request.serial-consistency	Queries serial consistency level.	
spring.cassandra.request.throttler.drain-interval	How often the throttler attempts to dequeue requests.	
spring.cassandra.request.throttler.max-concurrent-requests	Set this high enough that each attempt will process multiple entries in the queue, but not delay requests too much.	
spring.cassandra.request.throttler.max-queue-size	Maximum number of requests that are allowed to execute in parallel.	
spring.cassandra.request.throttler.max-request-rate	Maximum number of requests that can be enqueued when the throttling threshold is exceeded.	
spring.cassandra.request.throttler.type	Request throttling type.	none
spring.cassandra.request.timeout	How long the driver waits for a request to complete.	2s
spring.cassandra.schema-action	Schema action to take at startup.	none
spring.cassandra.session-name	Name of the Cassandra session.	
spring.cassandra.ssl.bundle	SSL bundle name.	
spring.cassandra.ssl.enabled	Whether to enable SSL support.	
spring.cassandra.username	Login user of the server.	
spring.couchbase.connection-string	Connection string used to locate the Couchbase cluster.	
spring.couchbase.env.io.idle-http-connection-timeout	Length of time an HTTP connection may remain idle before it is closed and removed from the pool.	1s
spring.couchbase.env.io.max-endpoints	Maximum number of sockets per node.	12
spring.couchbase.env.io.min-endpoints	Minimum number of sockets per node.	1
spring.couchbase.env.ssl.bundle	SSL bundle name.	
spring.couchbase.env.ssl.enabled	Whether to enable SSL support. Enabled automatically if a "bundle" is provided unless specified otherwise.	
spring.couchbase.env.timeouts.analytics	Timeout for the analytics service.	75s
spring.couchbase.env.timeouts.connect	Bucket connect timeout.	10s
spring.couchbase.env.timeouts.disconnect	Bucket disconnect timeout.	10s
spring.couchbase.env.timeouts.key-value	Timeout for operations on a specific key-value.	2500ms
spring.couchbase.env.timeouts.key-value-durable	Timeout for operations on a specific key-value with a durability level.	10s
spring.couchbase.env.timeouts.management	Timeout for the management operations.	75s
spring.couchbase.env.timeouts.query	N1QL query operations timeout.	75s
spring.couchbase.env.timeouts.search	Timeout for the search service.	75s
spring.couchbase.env.timeouts.view	Regular and geospatial view operations timeout.	75s
spring.couchbase.password	Cluster password.	
spring.couchbase.username	Cluster username.	
spring.dao.exceptiontranslation.enabled	Whether to enable the PersistenceExceptionTranslationPostProcessor.	true
spring.data.cassandra.repositories.type	Type of Cassandra repositories to enable.	auto
spring.data.couchbase.auto-index	Automatically create views and indexes. Use the meta-data provided by "@ViewIndexed", "@N1qlPrimaryIndexed" and "@N1qlSecondaryIndexed".	false
spring.data.couchbase.bucket-name	Name of the bucket to connect to.	
spring.data.couchbase.field-naming-strategy	Fully qualified name of the FieldNamingStrategy to use.	
spring.data.couchbase.repositories.type	Type of Couchbase repositories to enable.	auto
spring.data.couchbase.scope-name	Name of the scope used for all collection access.	
spring.data.couchbase.type-key	Name of the field that stores the type information for complex types when using "MappingCouchbaseConverter".	_class
spring.data.elasticsearch.repositories.enabled	Whether to enable Elasticsearch repositories.	true
spring.data.jdbc.dialect	Dialect to use. By default, the dialect is determined by inspecting the database connection.	
spring.data.jdbc.repositories.enabled	Whether to enable JDBC repositories.	true
spring.data.jpa.repositories.bootstrap-mode	Bootstrap mode for JPA repositories.	default
spring.data.jpa.repositories.enabled	Whether to enable JPA repositories.	true
spring.data.ldap.repositories.enabled	Whether to enable LDAP repositories.	true
spring.data.mongodb.additional-hosts	Additional server hosts. Cannot be set with URI or if 'host' is not specified. Additional hosts will use the default mongo port of 27017. If you want to use a different port you can use the "host:port" syntax.	
spring.data.mongodb.authentication-database	Authentication database name.	
spring.data.mongodb.auto-index-creation	Whether to enable auto-index creation.	
spring.data.mongodb.database	Database name. Overrides database in URI.	

spring.data.mongodb.field-naming-strategy	Fully qualified name of the FieldNamingStrategy to use.	
spring.data.mongodb.gridfs.bucket	GridFS bucket name.	
spring.data.mongodb.gridfs.database	GridFS database name.	
spring.data.mongodb.host	Mongo server host. Cannot be set with URI.	
spring.data.mongodb.password	Login password of the mongo server. Cannot be set with URI.	
spring.data.mongodb.port	Mongo server port. Cannot be set with URI.	
spring.data.mongodb.replica-set-name	Required replica set name for the cluster. Cannot be set with URI.	
spring.data.mongodb.repositories.type	Type of Mongo repositories to enable.	auto
spring.data.mongodb.ssl.bundle	SSL bundle name.	
spring.data.mongodb.ssl.enabled	Whether to enable SSL support. Enabled automatically if "bundle" is provided unless specified otherwise.	
spring.data.mongodb.uri	Mongo database URI. Overrides host, port, username, and password.	mongodb://localhost/test
spring.data.mongodb.username	Login user of the mongo server. Cannot be set with URI.	
spring.data.mongodb.uuid-representation	Representation to use when converting a UUID to a BSON binary value.	java-legacy
spring.data.neo4j.database	Database name to use. By default, the server decides the default database to use.	
spring.data.neo4j.repositories.type	Type of Neo4j repositories to enable.	auto
spring.data.r2dbc.repositories.enabled	Whether to enable R2DBC repositories.	true
spring.data.redis.client-name	Client name to be set on connections with CLIENT SETNAME.	
spring.data.redis.client-type	Type of client to use. By default, auto-detected according to the classpath.	
spring.data.redis.cluster.max-redirects	Maximum number of redirects to follow when executing commands across the cluster.	
spring.data.redis.cluster.nodes	Comma-separated list of "host:port" pairs to bootstrap from. This represents an "initial" list of cluster nodes and is required to have at least one entry.	
spring.data.redis.connect-timeout	Connection timeout.	
spring.data.redis.database	Database index used by the connection factory.	0
spring.data.redis.host	Redis server host.	localhost
spring.data.redis.jedis.pool.enabled	Whether to enable the pool. Enabled automatically if "commons-pool2" is available. With Jedis, pooling is implicitly enabled in sentinel mode and this setting only applies to single node setup.	
spring.data.redis.jedis.pool.max-active	Maximum number of connections that can be allocated by the pool at a given time. Use a negative value for no limit.	8
spring.data.redis.jedis.pool.max-idle	Maximum number of "idle" connections in the pool. Use a negative value to indicate an unlimited number of idle connections.	8
spring.data.redis.jedis.pool.max-wait	Maximum amount of time a connection allocation should block before throwing an exception when the pool is exhausted. Use a negative value to block indefinitely.	-1ms
spring.data.redis.jedis.pool.min-idle	Target for the minimum number of idle connections to maintain in the pool. This setting only has an effect if both it and time between eviction runs are positive. Time between runs of the idle object evictor thread.	0
spring.data.redis.jedis.pool.time-between-idle-eviction	When positive, the idle object evictor thread starts, otherwise no idle object eviction is performed.	
spring.data.redis.lettuce.cluster.refresh.adaptive	Whether adaptive topology refreshing using all available refresh triggers should be used.	false
spring.data.redis.lettuce.cluster.refresh.dynamic-refresh-sources	Whether to discover and query all cluster nodes for obtaining the cluster topology. When set to false, only the initial seed nodes are used as sources for topology discovery.	true
spring.data.redis.lettuce.cluster.refresh.period	Cluster topology refresh period.	
spring.data.redis.lettuce.pool.enabled	Whether to enable the pool. Enabled automatically if "commons-pool2" is available. With Jedis, pooling is implicitly enabled in sentinel mode and this setting only applies to single node setup.	

spring.data.redis.lettuce.pool.max-active	Maximum number of connections that can be allocated by the pool at a given time. Use a negative value for no limit.	8
spring.data.redis.lettuce.pool.max-idle	Maximum number of "idle" connections in the pool. Use a negative value to indicate an unlimited number of idle connections.	8
spring.data.redis.lettuce.pool.max-wait	Maximum amount of time a connection allocation should block before throwing an exception when the pool is exhausted. Use a negative value to block indefinitely.	-1ms
spring.data.redis.lettuce.pool.min-idle	Target for the minimum number of idle connections to maintain in the pool. This setting only has an effect if both it and time between eviction runs are positive.	0
spring.data.redis.lettuce.pool.time-between-idle-objections	Time between runs of the idle object evictor thread. When positive, the idle object evictor thread starts, otherwise no idle object eviction is performed.	
spring.data.redis.lettuce.shutdown-timeout	Shutdown timeout.	100ms
spring.data.redis.password	Login password of the redis server.	
spring.data.redis.port	Redis server port.	6379
spring.data.redis.repositories.enabled	Whether to enable Redis repositories.	true
spring.data.redis.sentinel.master	Name of the Redis server.	
spring.data.redis.sentinel.nodes	Comma-separated list of "host:port" pairs.	
spring.data.redis.sentinel.password	Password for authenticating with sentinel(s).	
spring.data.redis.sentinel.username	Login username for authenticating with sentinel(s).	
spring.data.redis.ssl.bundle	SSL bundle name.	
spring.data.redis.ssl.enabled	Whether to enable SSL support. Enabled automatically if "bundle" is provided unless specified otherwise.	
spring.data.redis.timeout	Read timeout.	
spring.data.redis.url	Connection URL. Overrides host, port, username, and password. Example: redis://user::6379	
spring.data.redis.username	Login username of the redis server.	
spring.data.rest.base-path	Base path to be used by Spring Data REST to expose repository resources.	
spring.data.rest.default-media-type	Content type to use as a default when none is specified.	
spring.data.rest.default-page-size	Default size of pages.	
spring.data.rest.detection-strategy	Strategy to use to determine which repositories get exposed.	default
spring.data.rest.enable-enum-translation	Whether to enable enum value translation through the Spring Data REST default resource bundle.	
spring.data.rest.limit-param-name	Name of the URL query string parameter that indicates how many results to return at once.	
spring.data.rest.max-page-size	Maximum size of pages.	
spring.data.rest.page-param-name	Name of the URL query string parameter that indicates what page to return.	
spring.data.rest.return-body-on-create	Whether to return a response body after creating an entity.	
spring.data.rest.return-body-on-update	Whether to return a response body after updating an entity.	
spring.data.rest.sort-param-name	Name of the URL query string parameter that indicates what direction to sort results.	
spring.data.web.pageable.default-page-size	Default page size.	20
spring.data.web.pageable.max-page-size	Maximum page size to be accepted.	2000
spring.data.web.pageable.one-indexed-parameter	Whether to expose and assume 1-based page number indexes. Defaults to "false", meaning a page number of 0 in the request equals the first page.	false
spring.data.web.pageable.page-parameter	Page index parameter name.	page
spring.data.web.pageable.prefix	General prefix to be prepended to the page number and page size parameters.	
spring.data.web.pageable.qualifier-delimiter	Delimiter to be used between the qualifier and the actual page number and size properties.	-
spring.data.web.pageable.size-parameter	Page size parameter name.	size
spring.data.web.sort.sort-parameter	Sort parameter name.	sort

<u>spring.datasource.dbcp2.abandoned-usage-tracking</u>	
<u>spring.datasource.dbcp2.access-to-underlying-connection-allowed</u>	
<u>spring.datasource.dbcp2.auto-commit-on-return</u>	
<u>spring.datasource.dbcp2.cache-state</u>	
<u>spring.datasource.dbcp2.clear-statement-pool-on-return</u>	
<u>spring.datasource.dbcp2.connection-factory-class-name</u>	
<u>spring.datasource.dbcp2.connection-init-sqls</u>	
<u>spring.datasource.dbcp2.default-auto-commit</u>	
<u>spring.datasource.dbcp2.default-catalog</u>	
<u>spring.datasource.dbcp2.default-read-only</u>	
<u>spring.datasource.dbcp2.default-schema</u>	
<u>spring.datasource.dbcp2.default-transaction-isolation</u>	
<u>spring.datasource.dbcp2.disconnection-sql-codes</u>	
<u>spring.datasource.dbcp2.driver</u>	
<u>spring.datasource.dbcp2.driver-class-name</u>	
<u>spring.datasource.dbcp2.duration-between-eviction-runs</u>	
<u>spring.datasource.dbcp2.eviction-policy-class-name</u>	
<u>spring.datasource.dbcp2.fast-fail-validation</u>	
<u>spring.datasource.dbcp2.initial-size</u>	
<u>spring.datasource.dbcp2.jmx-name</u>	Commons DBCP2 specific settings bound to an instance of DBCP2's BasicDataSource
<u>spring.datasource.dbcp2.lifo</u>	
<u>spring.datasource.dbcp2.log-abandoned</u>	
<u>spring.datasource.dbcp2.log-expired-connections</u>	
<u>spring.datasource.dbcp2.login-timeout</u>	
<u>spring.datasource.dbcp2.max-idle</u>	
<u>spring.datasource.dbcp2.max-open-prepared-statements</u>	
<u>spring.datasource.dbcp2.max-total</u>	
<u>spring.datasource.dbcp2.min-idle</u>	
<u>spring.datasource.dbcp2.num-tests-per-eviction-run</u>	
<u>spring.datasource.dbcp2.password</u>	
<u>spring.datasource.dbcp2.pool-prepared-statements</u>	
<u>spring.datasource.dbcp2.remove-abandoned-on-borrow</u>	
<u>spring.datasource.dbcp2.remove-abandoned-on-maintenance</u>	
<u>spring.datasource.dbcp2.rollback-on-return</u>	
<u>spring.datasource.dbcp2.test-on-borrow</u>	
<u>spring.datasource.dbcp2.test-on-create</u>	
<u>spring.datasource.dbcp2.test-on-return</u>	
<u>spring.datasource.dbcp2.test-while-idle</u>	
<u>spring.datasource.dbcp2.url</u>	
<u>spring.datasource.dbcp2.username</u>	
<u>spring.datasource.dbcp2.validation-query</u>	
<u>spring.datasource.driver-class-name</u>	Fully qualified name of the JDBC driver.
	Auto-detected based on the URL by default.
	Connection details for an embedded database.
<u>spring.datasource.embedded-database-connection</u>	Defaults to the most suitable embedded database that is available on the classpath.
<u>spring.datasource.generate-unique-name</u>	Whether to generate a random datasource name. true

<u>spring.datasource.hikari.allow-pool-suspension</u>	
<u>spring.datasource.hikari.auto-commit</u>	
<u>spring.datasource.hikari.catalog</u>	
<u>spring.datasource.hikari.connection-init-sql</u>	
<u>spring.datasource.hikari.connection-test-query</u>	
<u>spring.datasource.hikari.connection-timeout</u>	
<u>spring.datasource.hikari.data-source-class-name</u>	
<u>spring.datasource.hikari.data-source-j-n-d-i</u>	
<u>spring.datasource.hikari.data-source-properties</u>	
<u>spring.datasource.hikari.driver-class-name</u>	
<u>spring.datasource.hikari.exception-override-class-name</u>	
<u>spring.datasource.hikari.health-check-properties</u>	
<u>spring.datasource.hikari.idle-timeout</u>	
<u>spring.datasource.hikari.initialization-fail-timeout</u>	
<u>spring.datasource.hikari.isolate-internal-queries</u>	
<u>spring.datasource.hikari.jdbc-url</u>	Hikari specific settings bound to an instance of
<u>spring.datasource.hikari.keepalive-time</u>	Hikari's HikariDataSource
<u>spring.datasource.hikari.leak-detection-threshold</u>	
<u>spring.datasource.hikari.login-timeout</u>	
<u>spring.datasource.hikari.max-lifetime</u>	
<u>spring.datasource.hikari.maximum-pool-size</u>	
<u>spring.datasource.hikari.metrics-tracker-factory</u>	
<u>spring.datasource.hikari.minimum-idle</u>	
<u>spring.datasource.hikari.password</u>	
<u>spring.datasource.hikari.pool-name</u>	
<u>spring.datasource.hikari.read-only</u>	
<u>spring.datasource.hikari.register-mbeans</u>	
<u>spring.datasource.hikari.scheduled-executor</u>	
<u>spring.datasource.hikari.schema</u>	
<u>spring.datasource.hikari.transaction-isolation</u>	
<u>spring.datasource.hikari.username</u>	
<u>spring.datasource.hikari.validation-timeout</u>	
<u>spring.datasource.jndi-name</u>	JNDI location of the datasource. Class, url, username and password are ignored when set.
<u>spring.datasource.name</u>	Datasource name to use if "generate-unique-name" is false. Defaults to "testdb" when using an embedded database, otherwise null.

[spring.datasource.oracleucp.abandoned-connection-timeout](#)
[spring.datasource.oracleucp.connection-factory-class-name](#)
[spring.datasource.oracleucp.connection-factory-properties](#)
[spring.datasource.oracleucp.connection-harvest-max-count](#)
[spring.datasource.oracleucp.connection-harvest-trigger-count](#)
[spring.datasource.oracleucp.connection-labeling-high-cost](#)
[spring.datasource.oracleucp.connection-pool-name](#)
[spring.datasource.oracleucp.connection-properties](#)
[spring.datasource.oracleucp.connection-repurpose-threshold](#)
[spring.datasource.oracleucp.connection-validation-timeout](#)
[spring.datasource.oracleucp.connection-wait-timeout](#)
[spring.datasource.oracleucp.data-source-name](#)
[spring.datasource.oracleucp.database-name](#)
[spring.datasource.oracleucp.description](#)
[spring.datasource.oracleucp.fast-connection-failover-enabled](#)
[spring.datasource.oracleucp.high-cost-connection-reuse-threshold](#)
[spring.datasource.oracleucp.inactive-connection-timeout](#)
[spring.datasource.oracleucp.initial-pool-size](#)
[spring.datasource.oracleucp.login-timeout](#)
[spring.datasource.oracleucp.max-connection-reuse-count](#)
[spring.datasource.oracleucp.max-connection-reuse-time](#)
[spring.datasource.oracleucp.max-connections-per-shard](#)
[spring.datasource.oracleucp.max-idle-time](#)
[spring.datasource.oracleucp.max-pool-size](#)
[spring.datasource.oracleucp.max-statements](#)
[spring.datasource.oracleucp.min-pool-size](#)
[spring.datasource.oracleucp.network-protocol](#)
[spring.datasource.oracleucp.o-n-s-configuration](#)
[spring.datasource.oracleucp.pdb-roles](#)
[spring.datasource.oracleucp.port-number](#)
[spring.datasource.oracleucp.property-cycle](#)
[spring.datasource.oracleucp.query-timeout](#)
[spring.datasource.oracleucp.read-only-instance-allowed](#)
[spring.datasource.oracleucp.role-name](#)
[spring.datasource.oracleucp.s-q-l-for-validate-connection](#)
[spring.datasource.oracleucp.seconds-to-trust-idle-connection](#)
[spring.datasource.oracleucp.server-name](#)
[spring.datasource.oracleucp.sharding-mode](#)
[spring.datasource.oracleucp.time-to-live-connection-timeout](#)
[spring.datasource.oracleucp.timeout-check-interval](#)
[spring.datasource.oracleucp.u-r-l](#)
[spring.datasource.oracleucp.user](#)
[spring.datasource.oracleucp.validate-connection-on-borrow](#)
[spring.datasource.password](#)

Oracle UCP specific settings bound to an instance of
Oracle UCP's PoolDataSource

Login password of the database.

spring.datasource.tomcat.abandon-when-percentage-full		
spring.datasource.tomcat.access-to-underlying-connection-allowed		
spring.datasource.tomcat.alternate-username-allowed		
spring.datasource.tomcat.commit-on-return		
spring.datasource.tomcat.connection-properties		
spring.datasource.tomcat.data-source-j-n-d-i		
spring.datasource.tomcat.db-properties		
spring.datasource.tomcat.default-auto-commit		
spring.datasource.tomcat.default-catalog		
spring.datasource.tomcat.default-read-only		
spring.datasource.tomcat.default-transaction-isolation		
spring.datasource.tomcat.driver-class-name		
spring.datasource.tomcat.fair-queue		
spring.datasource.tomcat.ignore-exception-on-pre-load		
spring.datasource.tomcat.init-s-q-l		
spring.datasource.tomcat.initial-size		
spring.datasource.tomcat.jdbc-interceptors		
spring.datasource.tomcat.jmx-enabled		
spring.datasource.tomcat.log-abandoned		
spring.datasource.tomcat.log-validation-errors		
spring.datasource.tomcat.login-timeout		
spring.datasource.tomcat.max-active		
spring.datasource.tomcat.max-age		
spring.datasource.tomcat.max-idle		
spring.datasource.tomcat.max-wait	Tomcat datasource specific settings bound to an instance of Tomcat's DataSource	
spring.datasource.tomcat.min-evictable-time		
spring.datasource.tomcat.min-idle		
spring.datasource.tomcat.name		
spring.datasource.tomcat.num-tests-per-eviction-run		
spring.datasource.tomcat.password		
spring.datasource.tomcat.propagate-interrupt-state		
spring.datasource.tomcat.remove-abandoned		
spring.datasource.tomcat.remove-abandoned-timeout		
spring.datasource.tomcat.rollback-on-return		
spring.datasource.tomcat.suspect-timeout		
spring.datasource.tomcat.test-on-borrow		
spring.datasource.tomcat.test-on-connect		
spring.datasource.tomcat.test-on-return		
spring.datasource.tomcat.test-while-idle		
spring.datasource.tomcat.time-between-eviction-runs-millis		
spring.datasource.tomcat.url		
spring.datasource.tomcat.use-disposable-connection-facade		
spring.datasource.tomcat.use-equals		
spring.datasource.tomcat.use-lock		
spring.datasource.tomcat.use-statement-facade		
spring.datasource.tomcat.username		
spring.datasource.tomcat.validation-interval		
spring.datasource.tomcat.validation-query		
spring.datasource.tomcat.validation-query-timeout		
spring.datasource.tomcat.validator-class-name		
spring.datasource.type	Fully qualified name of the connection pool implementation to use. By default, it is auto-detected from the classpath.	
spring.datasource.url	JDBC URL of the database.	
spring.datasource.username	Login username of the database.	
spring.datasource.xa.data-source-class-name	XA datasource fully qualified name.	
spring.datasource.xa.properties.*	Properties to pass to the XA data source.	
spring.elasticsearch.connection-timeout	Connection timeout used when communicating with Elasticsearch.	1s
spring.elasticsearch.password	Password for authentication with Elasticsearch.	
spring.elasticsearch.path-prefix	Prefix added to the path of every request sent to Elasticsearch.	
spring.elasticsearch.restclient.sniffer.delay-after-sniff-execution	Delay of a sniff execution scheduled after a failure.	1m
spring.elasticsearch.restclient.sniffer.interval	Interval between consecutive ordinary sniff executions.	5m
spring.elasticsearch.restclient.ssl.bundle	SSL bundle name.	
spring.elasticsearch.socket-keep-alive	Whether to enable socket keep alive between client and Elasticsearch.	false

spring.elasticsearch.socket-timeout	Socket timeout used when communicating with Elasticsearch.	30s
spring.elasticsearch.uris	Comma-separated list of the Elasticsearch instances to use.	[http://localhost:9200]
spring.elasticsearch.username	Username for authentication with Elasticsearch.	
spring.h2.console.enabled	Whether to enable the console.	false
spring.h2.console.path	Path at which the console is available.	/h2-console
spring.h2.console.settings.trace	Whether to enable trace output.	false
spring.h2.console.settings.web-admin-password	Password to access preferences and tools of H2 Console.	
spring.h2.console.settings.web-allow-remote	Whether to enable remote access.	false
spring.jdbc.template.fetch-size	Number of rows that should be fetched from the database when more rows are needed. Use -1 to use the JDBC driver's default configuration.	-1
spring.jdbc.template.max-rows	Maximum number of rows. Use -1 to use the JDBC driver's default configuration.	-1
spring.jdbc.template.query-timeout	Query timeout. Default is to use the JDBC driver's default configuration. If a duration suffix is not specified, seconds will be used.	
spring.jooq.sql-dialect	SQL dialect to use. Auto-detected by default.	
spring.jpa.database	Target database to operate on, auto-detected by default. Can be alternatively set using the "databasePlatform" property.	
spring.jpa.database-platform	Name of the target database to operate on, auto-detected by default. Can be alternatively set using the "Database" enum.	
spring.jpa.defer-datasource-initialization	Whether to defer DataSource initialization until after any EntityManagerFactory beans have been created and initialized.	false
spring.jpa.generate-ddl	Whether to initialize the schema on startup. DDL mode. This is actually a shortcut for the "hibernate.hbm2ddl.auto" property. Defaults to "create-drop" when using an embedded database and no schema manager was detected. Otherwise, defaults to "none".	false
spring.jpa.hibernate.ddl-auto		
spring.jpa.hibernate.naming.implicit-strategy	Fully qualified name of the implicit naming strategy.	
spring.jpa.hibernate.naming.physical-strategy	Fully qualified name of the physical naming strategy.	
spring.jpa.mapping-resources	Mapping resources (equivalent to "mapping-file" entries in persistence.xml).	
spring.jpa.open-in-view	Register OpenEntityManagerInViewInterceptor. Binds a JPA EntityManager to the thread for the entire processing of the request.	true
spring.jpa.properties.*	Additional native properties to set on the JPA provider.	
spring.jpa.show-sql	Whether to enable logging of SQL statements.	false
spring.ldap.anonymous-read-only	Whether read-only operations should use an anonymous environment. Disabled by default unless a username is set.	
spring.ldap.base	Base suffix from which all operations should originate.	
spring.ldap.base-environment.*	LDAP specification settings.	
spring.ldap.embedded.base-dn	List of base DN's.	
spring.ldap.embedded.credential.password	Embedded LDAP password.	
spring.ldap.embedded.credential.username	Embedded LDAP username.	
spring.ldap.embedded.ldif	Schema (LDIF) script resource reference.	classpath:schema.ldif
spring.ldap.embedded.port	Embedded LDAP port.	0
spring.ldap.embedded.validation.enabled	Whether to enable LDAP schema validation.	true
spring.ldap.embedded.validation.schema	Path to the custom schema.	
spring.ldap.password	Login password of the server.	
spring.ldap.template.ignore-name-not-found-exception	Whether NameNotFoundException should be ignored in searches through the LdapTemplate.	false
spring.ldap.template.ignore-partial-result-exception	Whether PartialResultException should be ignored in searches through the LdapTemplate.	false
spring.ldap.template.ignore-size-limit-exceeded-exception	Whether SizeLimitExceededException should be ignored in searches through the LdapTemplate.	true
spring.ldap.urls	LDAP URLs of the server.	
spring.ldap.username	Login username of the server.	
spring.neo4j.authentication.kerberos-ticket	Kerberos ticket for connecting to the database. Mutual exclusive with a given username.	
spring.neo4j.authentication.password	Login password of the server.	

spring.neo4j.authentication.realm	Realm to connect to.	
spring.neo4j.authentication.username	Login user of the server.	
spring.neo4j.connection-timeout	Timeout for borrowing connections from the pool.	30s
spring.neo4j.max-transaction-retry-time	Maximum time transactions are allowed to retry.	30s
spring.neo4j.pool.connection-acquisition-timeout	Acquisition of new connections will be attempted for at most configured timeout.	60s
spring.neo4j.pool.idle-time-before-connection-is-older-than-threshold	Pooled connections that have been idle in the pool for longer than this threshold will be tested before they are used again.	
spring.neo4j.pool.log-leaked-sessions	Whether to log leaked sessions.	false
spring.neo4j.pool.max-connection-lifetime	Pooled connections older than this threshold will be closed and removed from the pool.	1h
spring.neo4j.pool.max-connection-pool-size	Maximum amount of connections in the connection pool towards a single database.	100
spring.neo4j.pool.metrics-enabled	Whether to enable metrics.	false
spring.neo4j.security.cert-file	Path to the file that holds the trusted certificates.	
spring.neo4j.security.encrypted	Whether the driver should use encrypted traffic.	false
spring.neo4j.security.hostname-verification-enabled	Whether hostname verification is required.	true
spring.neo4j.security.trust-strategy	Trust strategy to use.	trust-system-ca-signed-certificates
spring.neo4j.uri	URI used by the driver.	bolt://localhost:7687
spring.r2dbc.generate-unique-name	Whether to generate a random database name.	false
spring.r2dbc.name	Ignore any configured name when enabled. Database name. Set if no name is specified in the url. Default to "testdb" when using an embedded database.	
spring.r2dbc.password	Login password of the database. Set if no password is specified in the url.	
spring.r2dbc.pool.enabled	Whether pooling is enabled. Requires r2dbc-pool.	true
spring.r2dbc.pool.initial-size	Initial connection pool size.	10
spring.r2dbc.pool.max-acquire-time	Maximum time to acquire a connection from the pool. By default, wait indefinitely.	
spring.r2dbc.pool.max-create-connection-time	Maximum time to wait to create a new connection. By default, wait indefinitely.	
spring.r2dbc.pool.max-idle-time	Maximum amount of time that a connection is allowed to sit idle in the pool.	30m
spring.r2dbc.pool.max-life-time	Maximum lifetime of a connection in the pool. By default, connections have an infinite lifetime.	
spring.r2dbc.pool.max-size	Maximal connection pool size.	10
spring.r2dbc.pool.max-validation-time	Maximum time to validate a connection from the pool. By default, wait indefinitely.	
spring.r2dbc.pool.min-idle	Minimal number of idle connections.	0
spring.r2dbc.pool.validation-depth	Validation depth.	local
spring.r2dbc.pool.validation-query	Validation query.	
spring.r2dbc.properties.*	Additional R2DBC options.	
spring.r2dbc.url	R2DBC URL of the database. database name, username, password and pooling options specified in the url take precedence over individual options.	
spring.r2dbc.username	Login username of the database. Set if no username is specified in the url.	

Transaction Properties

Name	Description	Default Value
spring.jta.enabled	Whether to enable JTA support.	true
spring.transaction.default-timeout	Default transaction timeout. If a duration suffix is not specified, seconds will be used.	
spring.transaction.rollback-on-commit-failure	Whether to roll back on commit failures.	

Data Migration Properties

Name	Description	Default Value
spring.flyway.baseline-description	Description to tag an existing schema with when applying a baseline.	<< Flyway Baseline >>
spring.flyway.baseline-on-migrate	Whether to automatically call baseline when migrating a non-empty schema.	false
spring.flyway.baseline-version	Version to tag an existing schema with when executing baseline.	1
spring.flyway.batch	Whether to batch SQL statements when executing them. Requires Flyway Teams.	

spring.flyway.clean-disabled	Whether to disable cleaning of the database.	true
spring.flyway.clean-on-validation-error	Whether to automatically call clean when a validation error occurs.	false
spring.flyway.connect-retries	Maximum number of retries when attempting to connect to the database.	0
spring.flyway.connect-retries-interval	Maximum time between retries when attempting to connect to the database. If a duration suffix is not specified, seconds will be used.	120s
spring.flyway.create-schemas	Whether Flyway should attempt to create the schemas specified in the schemas property.	true
spring.flyway.default-schema	Default schema name managed by Flyway (case-sensitive).	
spring.flyway.detect-encoding	Whether to attempt to automatically detect SQL migration file encoding. Requires Flyway Teams.	
spring.flyway.driver-class-name	Fully qualified name of the JDBC driver.	
spring.flyway.enabled	Auto-detected based on the URL by default.	
spring.flyway.encoding	Whether to enable flyway.	true
spring.flyway.error-overrides	Encoding of SQL migrations.	UTF-8
spring.flyway.execute-in-transaction	Rules for the built-in error handling to override specific SQL states and error codes. Requires Flyway Teams.	
spring.flyway.fail-on-missing-locations	Whether Flyway should execute SQL within a transaction.	true
spring.flyway.group	Whether to fail if a location of migration scripts doesn't exist.	false
spring.flyway.ignore-migration-patterns	Whether to group all pending migrations together in the same transaction when applying them.	false
spring.flyway.init-qls	Ignore migrations that match this comma-separated list of patterns when validating migrations. Requires Flyway Teams.	
spring.flyway.installed-by	SQL statements to execute to initialize a connection immediately after obtaining it.	
spring.flyway.jdbc-properties.*	Username recorded in the schema history table as having applied the migration.	
spring.flyway.kerberos-config-file	Properties to pass to the JDBC driver. Requires Flyway Teams.	
spring.flyway.locations	Path of the Kerberos config file. Requires Flyway Teams.	
spring.flyway.lock-retry-count	Locations of migrations scripts. Can contain the special "{vendor}" placeholder to use vendor-specific locations.	[classpath:db/migration]
spring.flyway.loggers	Maximum number of retries when trying to obtain a lock.	50
spring.flyway.mixed	Loggers Flyway should use.	[slf4j]
spring.flyway.oracle.kerberos-cache-file	Whether to allow mixing transactional and non-transactional statements within the same migration.	false
spring.flyway.oracle.sqlplus	Path of the Oracle Kerberos cache file. Requires Flyway Teams.	
spring.flyway.oracle.sqlplus-warn	Whether to enable support for Oracle SQL*Plus commands. Requires Flyway Teams.	
spring.flyway.oracle.wallet-location	Whether to issue a warning rather than an error when a not-yet-supported Oracle SQL*Plus statement is encountered. Requires Flyway Teams.	
spring.flyway.out-of-order	Location of the Oracle Wallet, used to sign in to the database automatically. Requires Flyway Teams.	
spring.flyway.output-query-results	Whether to allow migrations to be run out of order.	false
spring.flyway.password	Whether Flyway should output a table with the results of queries when executing migrations. Requires Flyway Teams.	
spring.flyway.placeholder-prefix	Login password of the database to migrate.	
spring.flyway.placeholder-replacement	Prefix of placeholders in migration scripts.	\${
spring.flyway.placeholder-separator	Perform placeholder replacement in migration scripts.	true
spring.flyway.placeholder-suffix	Separator of default placeholders.	:
spring.flyway.placeholders.*	Suffix of placeholders in migration scripts.	}
spring.flyway.postgresql.transactional-lock	Placeholders and their replacements to apply to sql migration scripts.	
	Whether transactional advisory locks should be used. If set to false, session-level locks are used instead.	

spring.flyway.repeatable-sql-migration-prefix	File name prefix for repeatable SQL migrations.	R
spring.flyway.schemas	Scheme names managed by Flyway (case-sensitive).	
spring.flyway.script-placeholder-prefix	Prefix of placeholders in migration scripts.	FP__
spring.flyway.script-placeholder-suffix	Suffix of placeholders in migration scripts.	__
spring.flyway.skip-default-callbacks	Whether to skip default callbacks. If true, only custom callbacks are used.	false
spring.flyway.skip-default-resolvers	Whether to skip default resolvers. If true, only custom resolvers are used.	false
spring.flyway.skip-executing-migrations	Whether Flyway should skip executing the contents of the migrations and only update the schema history table. Requires Flyway teams.	
spring.flyway.sql-migration-prefix	File name prefix for SQL migrations.	V
spring.flyway.sql-migration-separator	File name separator for SQL migrations.	__
spring.flyway.sql-migration-suffixes	File name suffix for SQL migrations.	[.sql]
spring.flyway.sqlserver.kerberos-login-file	Path to the SQL Server Kerberos login file. Requires Flyway Teams.	
spring.flyway.stream	Whether to stream SQL migrations when executing them. Requires Flyway Teams.	
spring.flyway.table	Name of the schema history table that will be used by Flyway.	flyway_schema_history
spring.flyway.tablespace	Tablesapce in which the schema history table is created. Ignored when using a database that does not support tablespaces. Defaults to the default tablespace of the connection used by Flyway.	
spring.flyway.target	Target version up to which migrations should be considered.	latest
spring.flyway.url	JDBC url of the database to migrate. If not set, the primary configured data source is used.	
spring.flyway.user	Login user of the database to migrate.	
spring.flyway.validate-migration-naming	Whether to validate migrations and callbacks whose scripts do not obey the correct naming convention.	false
spring.flyway.validate-on-migrate	Whether to automatically call validate when performing a migration.	true
spring.liquibase.change-log	Change log configuration path.	classpath:/db/changelog/db.changelog-master.ya
spring.liquibase.clear-checksums	Whether to clear all checksums in the current changelog, so they will be recalculated upon the next update.	false
spring.liquibase.contexts	Comma-separated list of runtime contexts to use.	
spring.liquibase.database-change-log-lock-table	Name of table to use for tracking concurrent Liquibase usage.	DATABASECHANGELOGLOCK
spring.liquibase.database-change-log-table	Name of table to use for tracking change history.	DATABASECHANGELOG
spring.liquibase.default-schema	Default database schema.	
spring.liquibase.driver-class-name	Fully qualified name of the JDBC driver.	
spring.liquibase.drop-first	Auto-detected based on the URL by default.	
spring.liquibase.enabled	Whether to first drop the database schema.	false
spring.liquibase.label-filter	Whether to enable Liquibase support.	true
spring.liquibase.label-filter	Comma-separated list of runtime labels to use.	
spring.liquibase.liquibase-schema	Schema to use for Liquibase objects.	
spring.liquibase.liquibase-tablespace	Tablespace to use for Liquibase objects.	
spring.liquibase.parameters.*	Change log parameters.	
spring.liquibase.password	Login password of the database to migrate.	
spring.liquibase.rollback-file	File to which rollback SQL is written when an update is performed.	
spring.liquibase.show-summary	Whether to print a summary of the update operation.	summary
spring.liquibase.show-summary-output	Where to print a summary of the update operation.	log
spring.liquibase.tag	Tag name to use when applying database changes. Can also be used with "rollbackFile" to generate a rollback script for all existing changes associated with that tag.	
spring.liquibase.test-rollback-on-update	Whether rollback should be tested before update is performed.	false
spring.liquibase.ui-service	Which UIService to use.	logger
spring.liquibase.url	JDBC URL of the database to migrate. If not set, the primary configured data source is used.	
spring.liquibase.user	Login user of the database to migrate.	
spring.sql.init.continue-on-error	Whether initialization should continue when an error occurs.	false
spring.sql.init.data-locations	Locations of the data (DML) scripts to apply to the database.	

spring.sql.init.encoding	Encoding of the schema and data scripts.	
spring.sql.init.mode	Mode to apply when determining whether initialization should be performed.	embedded
spring.sql.init.password	Password of the database to use when applying initialization scripts (if different).	
spring.sql.init.platform	Platform to use in the default schema or data script locations, schema-\${platform}.sql and data-\${platform}.sql.	all
spring.sql.init.schema-locations	Locations of the schema (DDL) scripts to apply to the database.	
spring.sql.init.separator	Statement separator in the schema and data scripts.	;
spring.sql.init.username	Username of the database to use when applying initialization scripts (if different).	

Integration Properties

Name	Description	Default Value
spring.activemq.broker-url	URL of the ActiveMQ broker. Auto-generated by default.	
spring.activemq.close-timeout	Time to wait before considering a close complete.	15s
spring.activemq.non-blocking-redelivery	Whether to stop message delivery before re-delivering messages from a rolled back transaction. This implies that message order is not preserved when this is enabled.	false
spring.activemq.packages.trust-all	Whether to trust all packages.	
spring.activemq.packages.trusted	Comma-separated list of specific packages to trust (when not trusting all packages).	
spring.activemq.password	Login password of the broker.	
spring.activemq.pool.block-if-full	Whether to block when a connection is requested and the pool is full. Set it to false to throw a "JMSEException" instead.	true
spring.activemq.pool.block-if-full-timeout	Blocking period before throwing an exception if the pool is still full.	-1ms
spring.activemq.pool.enabled	Whether a JmsPoolConnectionFactory should be created, instead of a regular ConnectionFactory.	false
spring.activemq.pool.idle-timeout	Connection idle timeout.	30s
spring.activemq.pool.max-connections	Maximum number of pooled connections.	1
spring.activemq.pool.max-sessions-per-connection	Maximum number of pooled sessions per connection in the pool.	500
spring.activemq.pool.time-between-expiration-checks	Time to sleep between runs of the idle connection eviction thread. When negative, no idle connection eviction thread runs.	-1ms
spring.activemq.pool.use-anonymous-producer	Whether to use only one anonymous "MessageProducer" instance. Set it to false to create one "MessageProducer" every time one is required.	true
spring.activemq.send-timeout	Time to wait on message sends for a response. Set it to 0 to wait forever.	0ms
spring.activemq.user	Login user of the broker.	
spring.artemis.broker-url	Artemis broker url.	tcp://localhost:61616
spring.artemis.embedded.cluster-password	Cluster password. Randomly generated on startup by default.	
spring.artemis.embedded.data-directory	Journal file directory. Not necessary if persistence is turned off.	
spring.artemis.embedded.enabled	Whether to enable embedded mode if the Artemis server APIs are available.	true
spring.artemis.embedded.persistent	Whether to enable persistent store.	false
spring.artemis.embedded.queues	Comma-separated list of queues to create on startup. []	
spring.artemis.embedded.server-id	Server ID. By default, an auto-incremented counter is used.	0
spring.artemis.embedded.topics	Comma-separated list of topics to create on startup. []	
spring.artemis.mode	Artemis deployment mode, auto-detected by default.	
spring.artemis.password	Login password of the broker.	
spring.artemis.pool.block-if-full	Whether to block when a connection is requested and the pool is full. Set it to false to throw a "JMSEException" instead.	true
spring.artemis.pool.block-if-full-timeout	Blocking period before throwing an exception if the pool is still full.	-1ms
spring.artemis.pool.enabled	Whether a JmsPoolConnectionFactory should be created, instead of a regular ConnectionFactory.	false

spring.artemis.pool.idle-timeout	Connection idle timeout.	30s
spring.artemis.pool.max-connections	Maximum number of pooled connections.	1
spring.artemis.pool.max-sessions-per-connection	Maximum number of pooled sessions per connection in the pool.	500
spring.artemis.pool.time-between-expiration-checks	Time to sleep between runs of the idle connection eviction thread. When negative, no idle connection eviction thread runs.	-1ms
spring.artemis.pool.use-anonymous-producer	Whether to use only one anonymous "MessageProducer" instance. Set it to false to create one "MessageProducer" every time one is required.	true
spring.artemis.user	Login user of the broker.	
spring.batch.jdbc.initialize-schema	Database schema initialization mode.	embedded
spring.batch.jdbc.isolation-level-for-create	Transaction isolation level to use when creating job meta-data for new jobs.	
spring.batch.jdbc.platform	Platform to use in initialization scripts if the @@platform@@ placeholder is used. Auto-detected by default.	
spring.batch.jdbc.schema	Path to the SQL file to use to initialize the database schema.	classpath:org/springframework/batch/core/schema
spring.batch.jdbc.table-prefix	Table prefix for all the batch meta-data tables.	
spring.batch.job.enabled	Execute all Spring Batch jobs in the context on startup.	true
spring.batch.job.name	Job name to execute on startup. Must be specified if multiple Jobs are found in the context.	
spring.hazelcast.config	The location of the configuration file to use to initialize Hazelcast.	
spring.integration.channel.auto-create	Whether to create input channels if necessary.	true
spring.integration.channel.max-broadcast-subscribers	Default number of subscribers allowed on, for example, a "PublishSubscribeChannel".	
spring.integration.channel.max-unicast-subscribers	Default number of subscribers allowed on, for example, a "DirectChannel".	
spring.integration.endpoint.no-auto-start	A comma-separated list of endpoint bean names that should not be started automatically during application startup.	
spring.integration.endpoint.read-only-headers	A comma-separated list of message header names that should not be populated into Message instances during a header copying operation.	
spring.integration.endpoint.throw-exception-on-late-reply	Whether to throw an exception when a reply is not expected anymore by a gateway.	false
spring.integration.error.ignore-failures	Whether to ignore failures for one or more of the handlers of the global 'errorChannel'.	true
spring.integration.error.require-subscribers	Whether to not silently ignore messages on the global 'errorChannel' when there are no subscribers.	true
spring.integration.jdbc.initialize-schema	Database schema initialization mode.	embedded
spring.integration.jdbc.platform	Platform to use in initialization scripts if the @@platform@@ placeholder is used. Auto-detected by default.	
spring.integration.jdbc.schema	Path to the SQL file to use to initialize the database schema.	classpath:org/springframework/integration/jdbc
spring.integration.management.default-logging-enabled	Whether Spring Integration components should perform logging in the main message flow. When disabled, such logging will be skipped without checking the logging level. When enabled, such logging is controlled as normal by the logging system's log level configuration.	true
spring.integration.management.observation-patterns	Comma-separated list of simple patterns to match against the names of Spring Integration components. When matched, observation instrumentation will be performed for the component. Please refer to the javadoc of the smartMatch method of Spring Integration's PatternMatchUtils for details of the pattern syntax.	
spring.integration.poller.cron	Cron expression for polling. Mutually exclusive with 'fixedDelay' and 'fixedRate'.	
spring.integration.poller.fixed-delay	Polling delay period. Mutually exclusive with 'cron' and 'fixedRate'.	
spring.integration.poller.fixed-rate	Polling rate period. Mutually exclusive with 'fixedDelay' and 'cron'.	

spring.integration.poller.initial-delay	Polling initial delay. Applied for 'fixedDelay' and 'fixedRate'; ignored for 'cron'.	
spring.integration.poller.max-messages-per-poll	Maximum number of messages to poll per polling cycle.	
spring.integration.poller.receive-timeout	How long to wait for messages on poll.	1s
spring.integration.rsocket.client.host	TCP RSocket server host to connect to.	
spring.integration.rsocket.client.port	TCP RSocket server port to connect to.	
spring.integration.rsocket.client.uri	WebSocket RSocket server uri to connect to.	
spring.integration.rsocket.server.message-mapping-enabled	Whether to handle message mapping for RSocket through Spring Integration.	false
spring.jms.cache.consumers	Whether to cache message consumers.	false
spring.jms.cache.enabled	Whether to cache sessions.	true
spring.jms.cache.producers	Whether to cache message producers.	true
spring.jms.cache.session-cache-size	Size of the session cache (per JMS Session type).	1
spring.jms.client-id	Client id of the connection.	
spring.jms.jndi-name	Connection factory JNDI name. When set, takes precedence to others connection factory auto-configurations.	
spring.jms.listener.auto-startup	Start the container automatically on startup.	true
spring.jms.listener.max-concurrency	Maximum number of concurrent consumers.	
spring.jms.listener.min-concurrency	Minimum number of concurrent consumers. When max-concurrency is not specified the minimum will also be used as the maximum.	
spring.jms.listener.receive-timeout	Timeout to use for receive calls. Use -1 for a no-wait receive or 0 for no timeout at all. The latter is only feasible if not running within a transaction manager and is generally discouraged since it prevents clean shutdown.	1s
spring.jms.listener.session.acknowledge-mode	Acknowledge mode of the listener container.	auto
spring.jms.listener.session.transacted	Whether the listener container should use transacted JMS sessions. Defaults to false in the presence of a JtaTransactionManager and true otherwise.	
spring.jms.pub-sub-domain	Whether the default destination type is topic.	false
spring.jms.subscription-durable	Whether the subscription is durable.	false
spring.jms.template.default-destination	Default destination to use on send and receive operations that do not have a destination parameter.	
spring.jms.template.delivery-delay	Delivery delay to use for send calls.	
spring.jms.template.delivery-mode	Delivery mode. Enables QoS (Quality of Service) when set.	
spring.jms.template.priority	Priority of a message when sending. Enables QoS (Quality of Service) when set.	
spring.jms.template.qos-enabled	Whether to enable explicit QoS (Quality of Service) when sending a message. When enabled, the delivery mode, priority and time-to-live properties will be used when sending a message. QoS is automatically enabled when at least one of those settings is customized.	
spring.jms.template.receive-timeout	Timeout to use for receive calls.	
spring.jms.template.session.acknowledge-mode	Acknowledge mode used when creating sessions.	auto
spring.jms.template.session.transacted	Whether to use transacted sessions.	false
spring.jms.template.time-to-live	Time-to-live of a message when sending. Enables QoS (Quality of Service) when set.	
spring.kafka.admin.auto-create	Whether to automatically create topics during context initialization. When set to false, disables automatic topic creation during context initialization.	true
spring.kafka.admin.client-id	ID to pass to the server when making requests. Used for server-side logging.	
spring.kafka.admin.close-timeout	Close timeout.	
spring.kafka.admin.fail-fast	Whether to fail fast if the broker is not available on startup.	false
spring.kafka.admin.modify-topic-configs	Whether to enable modification of existing topic configuration.	false
spring.kafka.admin.operation-timeout	Operation timeout.	
spring.kafka.admin.properties.*	Additional admin-specific properties used to configure the client.	
spring.kafka.admin.security.protocol	Security protocol used to communicate with brokers.	
spring.kafka.admin.ssl.bundle	Name of the SSL bundle to use.	
spring.kafka.admin.ssl.key-password	Password of the private key in either key store key or key store file.	

spring.kafka.admin.ssl.key-store-certificate-chain	Certificate chain in PEM format with a list of X.509 certificates.	
spring.kafka.admin.ssl.key-store-key	Private key in PEM format with PKCS#8 keys.	
spring.kafka.admin.ssl.key-store-location	Location of the key store file.	
spring.kafka.admin.ssl.key-store-password	Store password for the key store file.	
spring.kafka.admin.ssl.key-store-type	Type of the key store.	
spring.kafka.admin.ssl.protocol	SSL protocol to use.	
spring.kafka.admin.ssl.trust-store-certificates	Trusted certificates in PEM format with X.509 certificates.	
spring.kafka.admin.ssl.trust-store-location	Location of the trust store file.	
spring.kafka.admin.ssl.trust-store-password	Store password for the trust store file.	
spring.kafka.admin.ssl.trust-store-type	Type of the trust store.	
spring.kafka.bootstrap-servers	Comma-delimited list of host:port pairs to use for establishing the initial connections to the Kafka cluster. Applies to all components unless overridden.	
spring.kafka.client-id	ID to pass to the server when making requests. Used for server-side logging.	
spring.kafka.consumer.auto-commit-interval	Frequency with which the consumer offsets are auto-committed to Kafka if 'enable.auto.commit' is set to true.	
spring.kafka.consumer.auto-offset-reset	What to do when there is no initial offset in Kafka or if the current offset no longer exists on the server.	
spring.kafka.consumer.bootstrap-servers	Comma-delimited list of host:port pairs to use for establishing the initial connections to the Kafka cluster. Overrides the global property, for consumers.	
spring.kafka.consumer.client-id	ID to pass to the server when making requests. Used for server-side logging.	
spring.kafka.consumer.enable-auto-commit	Whether the consumer's offset is periodically committed in the background.	
spring.kafka.consumer.fetch-max-wait	Maximum amount of time the server blocks before answering the fetch request if there isn't sufficient data to immediately satisfy the requirement given by "fetch-min-size".	
spring.kafka.consumer.fetch-min-size	Minimum amount of data the server should return for a fetch request.	
spring.kafka.consumer.group-id	Unique string that identifies the consumer group to which this consumer belongs.	
spring.kafka.consumer.heartbeat-interval	Expected time between heartbeats to the consumer coordinator.	
spring.kafka.consumer.isolation-level	Isolation level for reading messages that have been written transactionally.	read-uncommitted
spring.kafka.consumer.key-deserializer	Deserializer class for keys.	
spring.kafka.consumer.max-poll-records	Maximum number of records returned in a single call to poll().	
spring.kafka.consumer.properties.*	Additional consumer-specific properties used to configure the client.	
spring.kafka.consumer.security.protocol	Security protocol used to communicate with brokers.	
spring.kafka.consumer.ssl.bundle	Name of the SSL bundle to use.	
spring.kafka.consumer.ssl.key-password	Password of the private key in either key store key or key store file.	
spring.kafka.consumer.ssl.key-store-certificate-chain	Certificate chain in PEM format with a list of X.509 certificates.	
spring.kafka.consumer.ssl.key-store-key	Private key in PEM format with PKCS#8 keys.	
spring.kafka.consumer.ssl.key-store-location	Location of the key store file.	
spring.kafka.consumer.ssl.key-store-password	Store password for the key store file.	
spring.kafka.consumer.ssl.key-store-type	Type of the key store.	
spring.kafka.consumer.ssl.protocol	SSL protocol to use.	
spring.kafka.consumer.ssl.trust-store-certificates	Trusted certificates in PEM format with X.509 certificates.	
spring.kafka.consumer.ssl.trust-store-location	Location of the trust store file.	
spring.kafka.consumer.ssl.trust-store-password	Store password for the trust store file.	
spring.kafka.consumer.ssl.trust-store-type	Type of the trust store.	
spring.kafka.consumer.value-deserializer	Deserializer class for values.	
spring.kafka.jaas.control-flag	Control flag for login configuration.	required
spring.kafka.jaas.enabled	Whether to enable JAAS configuration.	false
spring.kafka.jaas.login-module	Login module.	com.sun.security.auth.module.Krb5LoginModule
spring.kafka.jaas.options.*	Additional JAAS options.	
spring.kafka.listener.ack-count	Number of records between offset commits when ackMode is "COUNT" or "COUNT_TIME".	

spring.kafka.listener.ack-mode	Listener AckMode. See the spring-kafka documentation.	
spring.kafka.listener.ack-time	Time between offset commits when ackMode is "TIME" or "COUNT_TIME".	
spring.kafka.listener.async-acks	Support for asynchronous record acknowledgements. Only applies when spring.kafka.listener.ack-mode is manual or manual-immediate.	
spring.kafka.listener.auto-startup	Whether to auto start the container.	true
spring.kafka.listener.change-consumer-thread-name	Whether to instruct the container to change the consumer thread name during initialization.	
spring.kafka.listener.client-id	Prefix for the listener's consumer client.id property.	
spring.kafka.listener.concurrency	Number of threads to run in the listener containers.	
spring.kafka.listener.idle-between-polls	Sleep interval between Consumer.poll(Duration) calls. 0	
spring.kafka.listener.idle-event-interval	Time between publishing idle consumer events (no data received).	
spring.kafka.listener.idle-partition-event-interval	Time between publishing idle partition consumer events (no data received for partition).	
spring.kafka.listener.immediate-stop	Whether the container stops after the current record is processed or after all the records from the previous poll are processed.	false
spring.kafka.listener.log-container-config	Whether to log the container configuration during initialization (INFO level).	
spring.kafka.listener.missing-topics-fatal	Whether the container should fail to start if at least one of the configured topics are not present on the broker.	false
spring.kafka.listener.monitor-interval	Time between checks for non-responsive consumers. If a duration suffix is not specified, seconds will be used.	
spring.kafka.listener.no-poll-threshold	Multiplier applied to "pollTimeout" to determine if a consumer is non-responsive.	
spring.kafka.listener.observation-enabled	Whether to enable observation.	false
spring.kafka.listener.poll-timeout	Timeout to use when polling the consumer.	
spring.kafka.listener.type	Listener type.	single
spring.kafka.producer.acks	Number of acknowledgments the producer requires the leader to have received before considering a request complete.	
spring.kafka.producer.batch-size	Default batch size. A small batch size will make batching less common and may reduce throughput (a batch size of zero disables batching entirely).	
spring.kafka.producer.bootstrap-servers	Comma-delimited list of host:port pairs to use for establishing the initial connections to the Kafka cluster. Overrides the global property, for producers.	
spring.kafka.producer.buffer-memory	Total memory size the producer can use to buffer records waiting to be sent to the server.	
spring.kafka.producer.client-id	ID to pass to the server when making requests. Used for server-side logging.	
spring.kafka.producer.compression-type	Compression type for all data generated by the producer.	
spring.kafka.producer.key-serializer	Serializer class for keys.	
spring.kafka.producer.properties.*	Additional producer-specific properties used to configure the client.	
spring.kafka.producer.retries	When greater than zero, enables retrying of failed sends.	
spring.kafka.producer.security.protocol	Security protocol used to communicate with brokers.	
spring.kafka.producer.ssl.bundle	Name of the SSL bundle to use.	
spring.kafka.producer.ssl.key-password	Password of the private key in either key store key or key store file.	
spring.kafka.producer.ssl.key-store-certificate-chain	Certificate chain in PEM format with a list of X.509 certificates.	
spring.kafka.producer.ssl.key-store-key	Private key in PEM format with PKCS#8 keys.	
spring.kafka.producer.ssl.key-store-location	Location of the key store file.	
spring.kafka.producer.ssl.key-store-password	Store password for the key store file.	
spring.kafka.producer.ssl.key-store-type	Type of the key store.	
spring.kafka.producer.ssl.protocol	SSL protocol to use.	
spring.kafka.producer.ssl.trust-store-certificates	Trusted certificates in PEM format with X.509 certificates.	
spring.kafka.producer.ssl.trust-store-location	Location of the trust store file.	
spring.kafka.producer.ssl.trust-store-password	Store password for the trust store file.	
spring.kafka.producer.ssl.trust-store-type	Type of the trust store.	

<code>spring.kafka.producer.transaction-id-prefix</code>	When non empty, enables transaction support for producer.	
<code>spring.kafka.producer.value-serializer</code>	Serializer class for values.	
<code>spring.kafka.properties.*</code>	Additional properties, common to producers and consumers, used to configure the client.	
<code>spring.kafka.retry.topic.attempts</code>	Total number of processing attempts made before sending the message to the DLT.	3
<code>spring.kafka.retry.topic.delay</code>	Canonical backoff period. Used as an initial value in the exponential case, and as a minimum value in the uniform case.	1s
<code>spring.kafka.retry.topic.enabled</code>	Whether to enable topic-based non-blocking retries.	false
<code>spring.kafka.retry.topic.max-delay</code>	Maximum wait between retries. If less than the delay then the default of 30 seconds is applied.	0
<code>spring.kafka.retry.topic.multiplier</code>	Multiplier to use for generating the next backoff delay.	0
<code>spring.kafka.retry.topic.random-back-off</code>	Whether to have the backoff delays.	false
<code>spring.kafka.security.protocol</code>	Security protocol used to communicate with brokers.	
<code>spring.kafka.ssl.bundle</code>	Name of the SSL bundle to use.	
<code>spring.kafka.ssl.key-password</code>	Password of the private key in either key store key or key store file.	
<code>spring.kafka.ssl.key-store-certificate-chain</code>	Certificate chain in PEM format with a list of X.509 certificates.	
<code>spring.kafka.ssl.key-store-key</code>	Private key in PEM format with PKCS#8 keys.	
<code>spring.kafka.ssl.key-store-location</code>	Location of the key store file.	
<code>spring.kafka.ssl.key-store-password</code>	Store password for the key store file.	
<code>spring.kafka.ssl.key-store-type</code>	Type of the key store.	
<code>spring.kafka.ssl.protocol</code>	SSL protocol to use.	
<code>spring.kafka.ssl.trust-store-certificates</code>	Trusted certificates in PEM format with X.509 certificates.	
<code>spring.kafka.ssl.trust-store-location</code>	Location of the trust store file.	
<code>spring.kafka.ssl.trust-store-password</code>	Store password for the trust store file.	
<code>spring.kafka.ssl.trust-store-type</code>	Type of the trust store.	
<code>spring.kafka.streams.application-id</code>	Kafka streams application.id property; default spring.application.name.	
<code>spring.kafka.streams.auto-startup</code>	Whether to auto-start the streams factory bean.	true
<code>spring.kafka.streams.bootstrap-servers</code>	Comma-delimited list of host:port pairs to use for establishing the initial connections to the Kafka cluster. Overrides the global property, for streams.	
<code>spring.kafka.streams.cleanup.on-shutdown</code>	Cleanup the application's local state directory on shutdown.	false
<code>spring.kafka.streams.cleanup.on-startup</code>	Cleanup the application's local state directory on startup.	false
<code>spring.kafka.streams.client-id</code>	ID to pass to the server when making requests. Used for server-side logging.	
<code>spring.kafka.streams.properties.*</code>	Additional Kafka properties used to configure the streams.	
<code>spring.kafka.streams.replication-factor</code>	The replication factor for change log topics and repartition topics created by the stream processing application.	
<code>spring.kafka.streams.security.protocol</code>	Security protocol used to communicate with brokers.	
<code>spring.kafka.streams.ssl.bundle</code>	Name of the SSL bundle to use.	
<code>spring.kafka.streams.ssl.key-password</code>	Password of the private key in either key store key or key store file.	
<code>spring.kafka.streams.ssl.key-store-certificate-chain</code>	Certificate chain in PEM format with a list of X.509 certificates.	
<code>spring.kafka.streams.ssl.key-store-key</code>	Private key in PEM format with PKCS#8 keys.	
<code>spring.kafka.streams.ssl.key-store-location</code>	Location of the key store file.	
<code>spring.kafka.streams.ssl.key-store-password</code>	Store password for the key store file.	
<code>spring.kafka.streams.ssl.key-store-type</code>	Type of the key store.	
<code>spring.kafka.streams.ssl.protocol</code>	SSL protocol to use.	
<code>spring.kafka.streams.ssl.trust-store-certificates</code>	Trusted certificates in PEM format with X.509 certificates.	
<code>spring.kafka.streams.ssl.trust-store-location</code>	Location of the trust store file.	
<code>spring.kafka.streams.ssl.trust-store-password</code>	Store password for the trust store file.	
<code>spring.kafka.streams.ssl.trust-store-type</code>	Type of the trust store.	
<code>spring.kafka.streams.state-dir</code>	Directory location for the state store.	
<code>spring.kafka.streams.state-store-cache-max-size</code>	Maximum size of the in-memory state store cache across all threads.	
<code>spring.kafka.template.default-topic</code>	Default topic to which messages are sent.	
<code>spring.kafka.template.observation-enabled</code>	Whether to enable observation.	false

spring.kafka.template.transaction-id-prefix	Transaction id prefix, override the transaction id prefix in the producer factory.	
spring.pulsar.admin.authentication.params	Authentication parameter(s) as a map of parameter names to parameter values.	
spring.pulsar.admin.authentication.plugin-class-name	Fully qualified class name of the authentication plugin.	
spring.pulsar.admin.connection-timeout	Duration to wait for a connection to server to be established.	1m
spring.pulsar.admin.read-timeout	Server response read time out for any request.	1m
spring.pulsar.admin.request-timeout	Server request time out for any request.	5m
spring.pulsar.admin.service-url	Pulsar web URL for the admin endpoint in the format '(http https)://host:port'.	http://localhost:8080
spring.pulsar.client.authentication.params	Authentication parameter(s) as a map of parameter names to parameter values.	
spring.pulsar.client.authentication.plugin-class-name	Fully qualified class name of the authentication plugin.	
spring.pulsar.client.connection-timeout	Duration to wait for a connection to a broker to be established.	10s
spring.pulsar.client.failover.backup-clusters	List of backup clusters. The backup cluster is chosen in the sequence of the given list. If all backup clusters are available, the Pulsar client chooses the first backup cluster.	
spring.pulsar.client.failover.check-interval	Frequency of performing a probe task.	
spring.pulsar.client.failover.delay	Delay before the Pulsar client switches from the primary cluster to the backup cluster.	
spring.pulsar.client.failover.policy	Cluster failover policy.	order
spring.pulsar.client.failover.switch-back-delay	Delay before the Pulsar client switches from the backup cluster to the primary cluster.	
spring.pulsar.client.lookup-timeout	Client lookup timeout.	
spring.pulsar.client.operation-timeout	Client operation timeout.	30s
spring.pulsar.client.service-url	Pulsar service URL in the format '(pulsar pulsar+ssl)://host:port'.	pulsar://localhost:6650
spring.pulsar.consumer.dead-letter-policy.dead-letter-topic	Name of the dead topic where the failing messages will be sent.	
spring.pulsar.consumer.dead-letter-policy.initial-subscription	Name of the initial subscription of the dead letter topic. When not set, the initial subscription will not be created. However, when the property is set then the broker's 'allowAutoSubscriptionCreation' must be enabled or the DLQ producer will fail.	
spring.pulsar.consumer.dead-letter-policy.max-retries	Maximum number of times that a message will be redelivered before being sent to the dead letter queue.	0
spring.pulsar.consumer.dead-letter-policy.retry-letter-topic	Name of the retry topic where the failing messages will be sent.	
spring.pulsar.consumer.name	Consumer name to identify a particular consumer from the topic stats.	
spring.pulsar.consumer.priority-level	Priority level for shared subscription consumers.	0
spring.pulsar.consumer.read-compacted	Whether to read messages from the compacted topic rather than the full message backlog.	false
spring.pulsar.consumer.retry-enable	Whether to auto retry messages.	false
spring.pulsar.consumer.subscription.initial-position	Position where to initialize a newly created subscription.	
spring.pulsar.consumer.subscription.mode	Subscription mode to be used when subscribing to the topic.	
spring.pulsar.consumer.subscription.name	Subscription name for the consumer.	
spring.pulsar.consumer.subscription.topics	Determines which type of topics (persistent, non-persistent, or all) the consumer should be subscribed to when using pattern subscriptions.	
spring.pulsar.consumer.subscription.type	Subscription type to be used when subscribing to a topic.	
spring.pulsar.consumer.topics	Topics the consumer subscribes to.	
spring.pulsar.consumer.topics-pattern	Pattern for topics the consumer subscribes to.	
spring.pulsar.defaults.type-mappings	List of mappings from message type to topic name and schema info to use as a defaults when a topic name and/or schema is not explicitly specified when producing or consuming messages of the mapped type.	
spring.pulsar.function.enabled	Whether to enable function support.	true

spring.pulsar.function.fail-fast	Whether to stop processing further function creates/updates when a failure occurs.	true
spring.pulsar.function.propagate-failure	Whether to throw an exception if any failure is encountered during server startup while creating/updating functions.	true
spring.pulsar.function.propagate-stop-failure	Whether to throw an exception if any failure is encountered during server shutdown while enforcing stop policy on functions.	false
spring.pulsar.listener.observation-enabled	Whether to record observations for when the Observations API is available and the client supports it.	false
spring.pulsar.listener.schema-type	SchemaType of the consumed messages.	
spring.pulsar.producer.access-mode	Type of access to the topic the producer requires.	
spring.pulsar.producer.batching-enabled	Whether to automatically batch messages.	true
spring.pulsar.producer.cache.enabled	Whether to enable caching in the PulsarProducerFactory.	true
spring.pulsar.producer.cache.expire-after-write	Time period to expire unused entries in the cache.	1m
spring.pulsar.producer.cache.initial-capacity	Initial size of cache.	50
spring.pulsar.producer.cache.maximum-size	Maximum size of cache (entries).	1000
spring.pulsar.producer.chunking-enabled	Whether to split large-size messages into multiple chunks.	false
spring.pulsar.producer.compression-type	Message compression type.	
spring.pulsar.producer.hashing-scheme	Message hashing scheme to choose the partition to which the message is published.	
spring.pulsar.producer.message-routing-mode	Message routing mode for a partitioned producer.	
spring.pulsar.producer.name	Name for the producer. If not assigned, a unique name is generated.	
spring.pulsar.producer.send-timeout	Time before a message has to be acknowledged by the broker.	30s
spring.pulsar.producer.topic-name	Topic the producer will publish to.	
spring.pulsar.reader.name	Reader name.	
spring.pulsar.reader.read-compacted	Whether to read messages from a compacted topic rather than a full message backlog of a topic.	false
spring.pulsar.reader.subscription-name	Subscription name.	
spring.pulsar.reader.subscription-role-prefix	Prefix of subscription role.	
spring.pulsar.reader.topics	Topics the reader subscribes to.	
spring.pulsar.template.observations-enabled	Whether to record observations for when the Observations API is available.	false
spring.pulsar.transaction.enabled	Whether transaction support is enabled.	false
spring.rabbitmq.address-shuffle-mode	Mode used to shuffle configured addresses.	none
spring.rabbitmq.addresses	Comma-separated list of addresses to which the client should connect. When set, the host and port are ignored.	
spring.rabbitmq.cache.channel.checkout-timeout	Duration to wait to obtain a channel if the cache size has been reached. If 0, always create a new channel.	
spring.rabbitmq.cache.channel.size	Number of channels to retain in the cache. When "check-timeout" > 0, max channels per connection.	
spring.rabbitmq.cache.connection.mode	Connection factory cache mode.	channel
spring.rabbitmq.cache.connection.size	Number of connections to cache. Only applies when mode is CONNECTION.	
spring.rabbitmq.channel-rpc-timeout	Continuation timeout for RPC calls in channels. Set it to zero to wait forever.	10m
spring.rabbitmq.connection-timeout	Connection timeout. Set it to zero to wait forever.	
spring.rabbitmq.dynamic	Whether to create an AmqpAdmin bean.	true
spring.rabbitmq.host	RabbitMQ host. Ignored if an address is set.	localhost
spring.rabbitmq.listener.direct.acknowledge-mode	Acknowledge mode of container.	
spring.rabbitmq.listener.direct.auto-startup	Whether to start the container automatically on startup.	true
spring.rabbitmq.listener.direct.consumer-queue-names	Number of consumers per queue.	
spring.rabbitmq.listener.direct.de-batch-messages	Whether the container should present batched messages as discrete messages or call the listener with the batch.	true
spring.rabbitmq.listener.direct.default-rejected-delivery	Whether rejected deliveries are re-queued by default.	
spring.rabbitmq.listener.direct.force-stop	Whether the container (when stopped) should stop immediately after processing the current message or stop after processing all pre-fetched messages.	false
spring.rabbitmq.listener.direct.idle-event-publishers	How often idle container events should be published.	
spring.rabbitmq.listener.direct.missing-queues-fatal	Whether to fail if the queues declared by the container are not available on the broker.	false

spring.rabbitmq.listener.direct.observe-enabled	Whether to enable observation.	false
spring.rabbitmq.listener.direct.prefetch	Maximum number of unacknowledged messages that can be outstanding at each consumer.	
spring.rabbitmq.listener.direct.retry.enabled	Whether publishing retries are enabled.	false
spring.rabbitmq.listener.direct.retry.initial-interval	Duration between the first and second attempt to deliver a message.	1000ms
spring.rabbitmq.listener.direct.retry.max-attempts	Maximum number of attempts to deliver a message.	3
spring.rabbitmq.listener.direct.retry.max-duration	Maximum duration between attempts.	10000ms
spring.rabbitmq.listener.direct.retry.multiplier	Multiplier to apply to the previous retry interval.	1
spring.rabbitmq.listener.direct.retry.stateless	Whether retries are stateless or stateful.	true
spring.rabbitmq.listener.simple.acknowledge-mode	Acknowledge mode of container.	
spring.rabbitmq.listener.simple.auto-startup	Whether to start the container automatically on startup.	true
spring.rabbitmq.listener.simple.batch-size	Batch size, expressed as the number of physical messages, to be used by the container.	
spring.rabbitmq.listener.simple.concurrency	Minimum number of listener invoker threads.	
spring.rabbitmq.listener.simple.consumer-coerce-batch-enabled	Whether the container creates a batch of messages based on the 'receive-timeout' and 'batch-size'.	
spring.rabbitmq.listener.simple.consumer-coerce-batch-enabled	Coerces 'de-batching-enabled' to true to include the contents of a producer created batch in the batch as discrete records.	false
spring.rabbitmq.listener.simple.de-batching-enabled	Whether the container should present batched messages as discrete messages or call the listener with the batch.	true
spring.rabbitmq.listener.simple.default-reject-requeue-enabled	Whether rejected deliveries are re-queued by default.	
spring.rabbitmq.listener.simple.force-stop	Whether the container (when stopped) should stop immediately after processing the current message or stop after processing all pre-fetched messages.	false
spring.rabbitmq.listener.simple.idle-event-publishers	How often idle container events should be published.	
spring.rabbitmq.listener.simple.max-concurrency	Maximum number of listener invoker threads.	
spring.rabbitmq.listener.simple.missing-queues-fatal	Whether to fail if the queues declared by the container are not available on the broker and/or whether to stop the container if one or more queues are deleted at runtime.	true
spring.rabbitmq.listener.simple.observe-enabled	Whether to enable observation.	false
spring.rabbitmq.listener.simple.prefetch	Maximum number of unacknowledged messages that can be outstanding at each consumer.	
spring.rabbitmq.listener.simple.retry.enabled	Whether publishing retries are enabled.	false
spring.rabbitmq.listener.simple.retry.initial-interval	Duration between the first and second attempt to deliver a message.	1000ms
spring.rabbitmq.listener.simple.retry.max-attempts	Maximum number of attempts to deliver a message.	3
spring.rabbitmq.listener.simple.retry.max-duration	Maximum duration between attempts.	10000ms
spring.rabbitmq.listener.simple.retry.multiplier	Multiplier to apply to the previous retry interval.	1
spring.rabbitmq.listener.simple.retry.stateless	Whether retries are stateless or stateful.	true
spring.rabbitmq.listener.simple.support-listeners	Whether the container will support listeners that consume native stream messages instead of Spring AMQP messages.	
spring.rabbitmq.listener.stream.native-load	Whether to enable observation.	false
spring.rabbitmq.listener.stream.observe-enabled	Whether to enable observation.	false
spring.rabbitmq.listener.type	Listener container type.	simple
spring.rabbitmq.max-inbound-message-body-size	Maximum size of the body of inbound (received) messages.	64MB
spring.rabbitmq.password	Login to authenticate against the broker.	guest
spring.rabbitmq.port	RabbitMQ port. Ignored if an address is set. Default to 5672, or 5671 if SSL is enabled.	
spring.rabbitmq.publisher-confirm-type	Type of publisher confirms to use.	
spring.rabbitmq.publisher-returns	Whether to enable publisher returns.	false
spring.rabbitmq.requested-channel-max	Number of channels per connection requested by the client. Use 0 for unlimited.	2047
spring.rabbitmq.requested-heartbeat	Requested heartbeat timeout; zero for none. If a duration suffix is not specified, seconds will be used.	
spring.rabbitmq.ssl.algorithm	SSL algorithm to use. By default, configured by the Rabbit client library.	
spring.rabbitmq.ssl.bundle	SSL bundle name.	
spring.rabbitmq.ssl.enabled	Whether to enable SSL support. Determined automatically if an address is provided with the protocol (amqp:// vs. amqps://).	
spring.rabbitmq.ssl.key-store	Path to the key store that holds the SSL certificate.	
spring.rabbitmq.ssl.key-store-algorithm	Key store algorithm.	SunX509
spring.rabbitmq.ssl.key-store-password	Password used to access the key store.	

spring.rabbitmq.ssl.key-store-type	Key store type.	PKCS12
spring.rabbitmq.ssl.trust-store	Trust store that holds SSL certificates.	
spring.rabbitmq.ssl.trust-store-algorithm	Trust store algorithm.	SunX509
spring.rabbitmq.ssl.trust-store-password	Password used to access the trust store.	
spring.rabbitmq.ssl.trust-store-type	Trust store type.	JKS
spring.rabbitmq.ssl.validate-server-certificate	Whether to enable server side certificate validation.	true
spring.rabbitmq.ssl.verify-hostname	Whether to enable hostname verification.	true
spring.rabbitmq.stream.host	Host of a RabbitMQ instance with the Stream plugin enabled.	localhost
spring.rabbitmq.stream.name	Name of the stream.	
spring.rabbitmq.stream.password	Login password to authenticate to the broker. When not set spring.rabbitmq.password is used.	
spring.rabbitmq.stream.port	Stream port of a RabbitMQ instance with the Stream plugin enabled.	
spring.rabbitmq.stream.username	Login user to authenticate to the broker. When not set, spring.rabbitmq.username is used.	
spring.rabbitmq.stream.virtual-host	Virtual host of a RabbitMQ instance with the Stream plugin enabled. When not set, spring.rabbitmq.virtual-host is used.	
spring.rabbitmq.template.allowed-list-patterns	Simple patterns for allowable packages/classes for deserialization.	
spring.rabbitmq.template.default-receive-queue	Name of the default queue to receive messages from when none is specified explicitly.	
spring.rabbitmq.template.exchange	Name of the default exchange to use for send operations.	
spring.rabbitmq.template.mandatory	Whether to enable mandatory messages.	
spring.rabbitmq.template.observation-enabled	Whether to enable observation.	false
spring.rabbitmq.template.receive-timeout	Timeout for receive() operations.	
spring.rabbitmq.template.reply-timeout	Timeout for sendAndReceive() operations.	
spring.rabbitmq.template.retry.enabled	Whether publishing retries are enabled.	false
spring.rabbitmq.template.retry.initial-interval	Duration between the first and second attempt to deliver a message.	1000ms
spring.rabbitmq.template.retry.max-attempts	Maximum number of attempts to deliver a message.	3
spring.rabbitmq.template.retry.max-interval	Maximum duration between attempts.	10000ms
spring.rabbitmq.template.retry.multiplier	Multiplier to apply to the previous retry interval.	1
spring.rabbitmq.template.routing-key	Value of a default routing key to use for send operations.	
spring.rabbitmq.username	Login user to authenticate to the broker.	guest
spring.rabbitmq.virtual-host	Virtual host to use when connecting to the broker.	
spring.webservices.path	Path that serves as the base URI for the services.	/services
spring.webservices.servlet.init.*	Servlet init parameters to pass to Spring Web Services.	
spring.webservices.servlet.load-on-startup	Load on startup priority of the Spring Web Services servlet.	-1
spring.webservices.wsdl-locations	Comma-separated list of locations of WSDLs and accompanying XSDs to be exposed as beans.	

Web Properties

Name	Description	Default Value
spring.graphql.cors.allow-credentials	Whether credentials are supported. When not set, credentials are not supported.	
spring.graphql.cors.allowed-headers	Comma-separated list of HTTP headers to allow in a request. '*' allows all headers.	
spring.graphql.cors.allowed-methods	Comma-separated list of HTTP methods to allow. '*' allows all methods. When not set, defaults to GET.	
spring.graphql.cors.allowed-origin-patterns	Comma-separated list of origin patterns to allow. Unlike allowed origins which only support '*', origin patterns are more flexible, e.g. 'https://*.example.com', and can be used with allow-credentials. When neither allowed origins nor allowed origin patterns are set, cross-origin requests are effectively disabled.	
spring.graphql.cors.allowed-origins	Comma-separated list of origins to allow with '*' allowing all origins. When allow-credentials is enabled, '*' cannot be used, and setting origin patterns should be considered instead. When neither allowed origins nor allowed origin patterns are set, cross-origin requests are effectively disabled.	

spring.graphql.cors.exposed-headers	Comma-separated list of headers to include in a response.	
spring.graphql.cors.max-age	How long the response from a pre-flight request can be cached by clients. If a duration suffix is not specified, seconds will be used.	1800s
spring.graphql.graphiql.enabled	Whether the default GraphQL UI is enabled.	false
spring.graphql.graphiql.path	Path to the GraphQL UI endpoint.	/graphiql
spring.graphql.path	Path at which to expose a GraphQL request HTTP endpoint.	/graphql
spring.graphql.rsocket.mapping	Mapping of the RSocket message handler.	
spring.graphql.schema.file-extensions	File extensions for GraphQL schema files.	.graphqls,.gqls
spring.graphql.schema.inspection.enabled	Whether schema should be compared to the application to detect missing mappings.	true
spring.graphql.schema.introspection.enabled	Whether field introspection should be enabled at the schema level.	true
spring.graphql.schema.locations	Locations of GraphQL schema files.	classpath:graphql/**/
spring.graphql.schema.printer.enabled	Whether the endpoint that prints the schema is enabled. Schema is available under <code>spring.graphql.path + "/schema"</code> .	false
spring.graphql.websocket.connection-init-timeout	Time within which the initial <code>{@code CONNECTION_INIT}</code> type message must be received.	60s
spring.graphql.websocket.keep-alive	Maximum idle period before a server keep-alive ping is sent to client.	
spring.graphql.websocket.path	Path of the GraphQL WebSocket subscription endpoint.	
spring.hateoas.use-hal-as-default-json-media-type	Whether application/hal+json responses should be sent to requests that accept application/json.	true
spring.jersey.application-path	Path that serves as the base URI for the application. If specified, overrides the value of <code>"@ApplicationPath"</code> .	
spring.jersey.filter.order	Jersey filter chain order.	0
spring.jersey.init.*	Init parameters to pass to Jersey through the servlet or filter.	
spring.jersey.servlet.load-on-startup	Load on startup priority of the Jersey servlet.	-1
spring.jersey.type	Jersey integration type.	servlet
spring.mvc.async.request-timeout	Amount of time before asynchronous request handling times out. If this value is not set, the default timeout of the underlying implementation is used.	
spring.mvc.contentnegotiation.favor-parameter	Whether a request parameter ("format" by default) should be used to determine the requested media type.	false
spring.mvc.contentnegotiation.media-types	Map file extensions to media types for content negotiation. For instance, yml to text/yaml.	
spring.mvc.contentnegotiation.parameter-name	Query parameter name to use when "favor-parameter" is enabled.	
spring.mvc.converters.preferred-json-mapper	Preferred JSON mapper to use for HTTP message conversion. By default, auto-detected according to the environment. Supported values are 'jackson', 'gson', and 'jsonb'. When other json mapping libraries (such as kotlinox.serialization) are present, use a custom <code>HttpMessageConverters</code> bean to control the preferred mapper.	jackson
spring.mvc.dispatch-options-request	Whether to dispatch OPTIONS requests to the <code>FrameworkServlet doService</code> method.	true
spring.mvc.dispatch-trace-request	Whether to dispatch TRACE requests to the <code>FrameworkServlet doService</code> method.	false
spring.mvc.format.date	Date format to use, for example 'dd/MM/yyyy'.	
spring.mvc.format.date-time	Date-time format to use, for example 'yyyy-MM-dd HH:mm:ss'.	
spring.mvc.format.time	Time format to use, for example 'HH:mm:ss'.	
spring.mvc.formcontent.filter.enabled	Whether to enable Spring's <code>FormContentFilter</code> .	true
spring.mvc.hiddenmethod.filter.enabled	Whether to enable Spring's <code>HiddenHttpMethodFilter</code> .	false
spring.mvc.log-request-details	Whether logging of (potentially sensitive) request details at DEBUG and TRACE level is allowed.	false
spring.mvc.log-resolved-exception	Whether to enable warn logging of exceptions resolved by a <code>"HandlerExceptionResolver"</code> , except for <code>"DefaultHandlerExceptionResolver"</code> .	false

spring.mvc.message-codes-resolver-format	Formatting strategy for message codes. For instance, 'PREFIX_ERROR_CODE'.	
spring.mvc.pathmatch.matching-strategy	Choice of strategy for matching request paths against registered mappings.	path-pattern-parser
spring.mvc.problemdetails.enabled	Whether RFC 7807 Problem Details support should be enabled.	false
spring.mvc.publish-request-handled-events	Whether to publish a ServletRequestHandledEvent at the end of each request.	true
spring.mvc.servlet.load-on-startup	Load on startup priority of the dispatcher servlet.	-1
spring.mvc.servlet.path	Path of the dispatcher servlet. Setting a custom value for this property is not compatible with the PathPatternParser matching strategy.	/
spring.mvc.static-path-pattern	Path pattern used for static resources.	/**
spring.mvc.view.prefix	Spring MVC view prefix.	
spring.mvc.view.suffix	Spring MVC view suffix.	
spring.mvc.webjars-path-pattern	Path pattern used for WebJar assets.	/webjars/**
spring.netty.leak-detection	Level of leak detection for reference-counted buffers. If not configured via 'ResourceLeakDetector.setLevel' or the 'io.netty.leakDetection.level' system property, default to 'simple'.	
spring.servlet.multipart.enabled	Whether to enable support of multipart uploads.	true
spring.servlet.multipart.file-size-threshold	Threshold after which files are written to disk.	0B
spring.servlet.multipart.location	Intermediate location of uploaded files.	
spring.servlet.multipart.max-file-size	Max file size.	1MB
spring.servlet.multipart.max-request-size	Max request size.	10MB
spring.servlet.multipart.resolve-lazily	Whether to resolve the multipart request lazily at the time of file or parameter access.	false
spring.servlet.multipart.strict-servlet-compliance	Whether to resolve the multipart request strictly complying with the Servlet specification, only to be used for "multipart/form-data" requests.	false
spring.session.hazelcast.flush-mode	Sessions flush mode. Determines when session changes are written to the session store.	on-save
spring.session.hazelcast.map-name	Name of the map used to store sessions.	spring:session:sessions
spring.session.hazelcast.save-mode	Sessions save mode. Determines how session changes are tracked and saved to the session store.	on-set-attribute
spring.session.jdbc.cleanup-cron	Cron expression for expired session cleanup job.	0 * * * * *
spring.session.jdbc.flush-mode	Sessions flush mode. Determines when session changes are written to the session store.	on-save
spring.session.jdbc.initialize-schema	Database schema initialization mode.	embedded
spring.session.jdbc.platform	Platform to use in initialization scripts if the @@platform@@ placeholder is used. Auto-detected by default.	
spring.session.jdbc.save-mode	Sessions save mode. Determines how session changes are tracked and saved to the session store.	on-set-attribute
spring.session.jdbc.schema	Path to the SQL file to use to initialize the database schema.	classpath:org/springframework/session/jdbc/schema
spring.session.jdbc.table-name	Name of the database table used to store sessions.	SPRING_SESSION
spring.session.mongodb.collection-name	Collection name used to store sessions.	sessions
spring.session.redis.cleanup-cron	Cron expression for expired session cleanup job. Only supported when repository-type is set to indexed.	0 * * * * *
spring.session.redis.configure-action	The configure action to apply when no user defined ConfigureRedisAction bean is present.	notify-keyspace-events
spring.session.redis.flush-mode	Sessions flush mode. Determines when session changes are written to the session store.	on-save
spring.session.redis.namespace	Namespace for keys used to store sessions.	spring:session
spring.session.redis.repository-type	Type of Redis session repository to configure.	default
spring.session.redis.save-mode	Sessions save mode. Determines how session changes are tracked and saved to the session store.	on-set-attribute
spring.session.servlet.filter-dispatcher-types	Session repository filter dispatcher types.	[async, error, request]
spring.session.servlet.filter-order	Session repository filter order.	
spring.session.timeout	Session timeout. If a duration suffix is not specified, seconds will be used.	
spring.web.locale	Locale to use. By default, this locale is overridden by the "Accept-Language" header.	
spring.web.locale-resolver	Define how the locale should be resolved.	accept-header
spring.web.resources.add-mappings	Whether to enable default resource handling.	true

spring.web.resources.cache.cachecontrol.single-user-and-must-not-be-stored-by-a-shared-cache	Indicate that the response message is intended for a single user and must not be stored by a shared cache.	
spring.web.resources.cache.cachecontrol.no-cache	Indicate that any cache may store the response.	
spring.web.resources.cache.cachecontrol.max-age	Maximum time the response should be cached, in seconds if no duration suffix is not specified.	
spring.web.resources.cache.cachecontrol.no-store	Indicate that once it has become stale, a cache must not use the response without re-validating it with the server.	
spring.web.resources.cache.cachecontrol.no-cache-if-revalidated	Indicate that the cached response can be reused only if re-validated with the server.	
spring.web.resources.cache.cachecontrol.no-cache	Indicate to not cache the response in any case.	
spring.web.resources.cache.cachecontrol.no-transform	Indicate intermediaries (caches and others) that they should not transform the response content.	
spring.web.resources.cache.cachecontrol.proxy-revalidate	Same meaning as the "must-revalidate" directive, except that it does not apply to private caches.	
spring.web.resources.cache.cachecontrol.shared-caches	Maximum time the response should be cached by shared caches, in seconds if no duration suffix is not specified.	
spring.web.resources.cache.cachecontrol.errors-are-encountered	Maximum time the response may be used when errors are encountered, in seconds if no duration suffix is not specified.	
spring.web.resources.cache.cachecontrol.becomes-stale-in-seconds-if-no-duration-suffix-is-not-specified	Maximum time the response can be served after it becomes stale in seconds if no duration suffix is not specified.	
spring.web.resources.cache.period	Cache period for the resources served by the resource handler. If a duration suffix is not specified, seconds will be used. Can be overridden by the 'spring.web.resources.cache.cachecontrol' properties.	
spring.web.resources.cache.use-last-modified	Whether we should use the "lastModified" metadata of the files in HTTP caching headers.	true
spring.web.resources.chain.cache	Whether to enable caching in the Resource chain.	true
spring.web.resources.chain.compressed	Whether to enable resolution of already compressed resources (gzip, brotli). Checks for a resource name with the '.gz' or '.br' file extensions.	false
spring.web.resources.chain.enabled	Whether to enable the Spring Resource Handling chain. By default, disabled unless at least one strategy has been enabled.	
spring.web.resources.chain.strategy.content.enabled	Whether to enable the content Version Strategy.	false
spring.web.resources.chain.strategy.content.paths	Comma-separated list of patterns to apply to the content Version Strategy.	[/**]
spring.web.resources.chain.strategy.fixed.enabled	Whether to enable the fixed Version Strategy.	false
spring.web.resources.chain.strategy.fixed.paths	Comma-separated list of patterns to apply to the fixed Version Strategy.	[/**]
spring.web.resources.chain.strategy.fixed.version-string	Version string to use for the fixed Version Strategy.	
spring.web.resources.static-locations	Locations of static resources. Defaults to classpath:[/META-INF/resources/, /resources/, /static/, /public/].	[classpath:/META-INF/resources/, classpath:/resources/, classpath:/static/, classpath:/public/]
spring.webflux.base-path	Base path for all web handlers.	
spring.webflux.format.date	Date format to use, for example 'dd/MM/yyyy'.	
spring.webflux.format.date-time	Date-time format to use, for example 'yyyy-MM-dd HH:mm:ss'.	
spring.webflux.format.time	Time format to use, for example 'HH:mm:ss'.	
spring.webflux.hiddenmethod.filter.enabled	Whether to enable Spring's HiddenHttpMethodFilter.	false
spring.webflux.multipart.file-storage-directory	Directory used to store file parts larger than 'maxInMemorySize'. Default is a directory named 'spring-multipart' created under the system temporary directory. Ignored when using the PartEvent streaming support.	
spring.webflux.multipart.headers-charset	Character set used to decode headers.	UTF-8
spring.webflux.multipart.max-disk-usage-per-part	Maximum amount of disk space allowed per part. Default is -1 which enforces no limits.	-1B
spring.webflux.multipart.max-headers-size	Maximum amount of memory allowed per headers section of each part. Set to -1 to enforce no limits.	10KB
spring.webflux.multipart.max-in-memory-size	Maximum amount of memory allowed per part before it's written to disk. Set to -1 to store all contents in memory.	256KB

spring.webflux.multipart.max-parts	Maximum number of parts allowed in a given multipart request. Default is -1 which enforces no limits.	-1
spring.webflux.problemdetails.enabled	Whether RFC 7807 Problem Details support should be enabled.	false
spring.webflux.static-path-pattern	Path pattern used for static resources.	/**
spring.webflux.webjars-path-pattern	Path pattern used for WebJar assets.	/webjars/**

Templating Properties

Name	Description	Default Value
spring.freemarker.allow-request-override	Whether HttpServletRequest attributes are allowed to override (hide) controller generated model attributes of the same name.	false
spring.freemarker.allow-session-override	Whether HttpSession attributes are allowed to override (hide) controller generated model attributes of the same name.	false
spring.freemarker.cache	Whether to enable template caching.	false
spring.freemarker.charset	Template encoding.	UTF-8
spring.freemarker.check-template-location	Whether to check that the templates location exists.	true
spring.freemarker.content-type	Content-Type value.	text/html
spring.freemarker.enabled	Whether to enable MVC view resolution for this technology.	true
spring.freemarker.expose-request-attributes	Whether all request attributes should be added to the model prior to merging with the template.	false
spring.freemarker.expose-session-attributes	Whether all HttpSession attributes should be added to the model prior to merging with the template.	false
spring.freemarker.expose-spring-macro-helpers	Whether to expose a RequestContext for use by Spring's macro library, under the name "springMacroRequestContext".	true
spring.freemarker.prefer-file-system-access	Whether to prefer file system access for template loading to enable hot detection of template changes. When a template path is detected as a directory, templates are loaded from the directory only and other matching classpath locations will not be considered.	false
spring.freemarker.prefix	Prefix that gets prepended to view names when building a URL.	
spring.freemarker.request-context-attribute	Name of the RequestContext attribute for all views.	
spring.freemarker.settings.*	Well-known FreeMarker keys which are passed to FreeMarker's Configuration.	
spring.freemarker.suffix	Suffix that gets appended to view names when building a URL.	.ftlh
spring.freemarker.template-loader-path	Comma-separated list of template paths.	[classpath:/templates/]
spring.freemarker.view-names	View names that can be resolved.	
spring.groovy.template.allow-request-override	Whether HttpServletRequest attributes are allowed to override (hide) controller generated model attributes of the same name.	false
spring.groovy.template.allow-session-override	Whether HttpSession attributes are allowed to override (hide) controller generated model attributes of the same name.	false
spring.groovy.template.cache	Whether to enable template caching.	false
spring.groovy.template.charset	Template encoding.	UTF-8
spring.groovy.template.check-template-location	Whether to check that the templates location exists.	true
spring.groovy.template.configuration.auto-escape	See GroovyMarkupConfigurer	
spring.groovy.template.configuration.auto-indent		
spring.groovy.template.configuration.auto-indent-string		
spring.groovy.template.configuration.auto-new-line		
spring.groovy.template.configuration.base-template-class		
spring.groovy.template.configuration.cache-templates		
spring.groovy.template.configuration.declaration-encoding		
spring.groovy.template.configuration.expand-empty-elements		
spring.groovy.template.configuration.locale		
spring.groovy.template.configuration.new-line-string		
spring.groovy.template.configuration.resource-loader-path		
spring.groovy.template.configuration.use-double-quotes		
spring.groovy.template.content-type	Content-Type value.	text/html
spring.groovy.template.enabled	Whether to enable MVC view resolution for this technology.	true

spring.groovy.template.expose-request-attributes	Whether all request attributes should be added to the model prior to merging with the template.	false
spring.groovy.template.expose-session-attributes	Whether all HttpSession attributes should be added to the model prior to merging with the template.	false
spring.groovy.template.expose-spring-macro	Whether to expose a RequestContext for use by Spring's macro library, under the name "springMacroRequestContext".	true
spring.groovy.template.prefix	Prefix that gets prepended to view names when building a URL.	
spring.groovy.template.request-context-attribute	Name of the RequestContext attribute for all views.	
spring.groovy.template.resource-loader-prefix	Template path.	classpath:/templates/
spring.groovy.template.suffix	Suffix that gets appended to view names when building a URL.	.tpl
spring.groovy.template.view-names	View names that can be resolved.	
spring.mustache.charset	Template encoding.	UTF-8
spring.mustache.check-template-location	Whether to check that the templates location exists.	true
spring.mustache.enabled	Whether to enable MVC view resolution for Mustache.	true
spring.mustache.prefix	Prefix to apply to template names.	classpath:/templates/
spring.mustache.reactive.media-types	Media types supported by Mustache views.	text/html;charset=UTF-8
spring.mustache.request-context-attribute	Name of the RequestContext attribute for all views.	
spring.mustache.servlet.allow-request-override	Whether HttpServletRequest attributes are allowed to override (hide) controller generated model attributes of the same name.	false
spring.mustache.servlet.allow-session-override	Whether HttpSession attributes are allowed to override (hide) controller generated model attributes of the same name.	false
spring.mustache.servlet.cache	Whether to enable template caching.	false
spring.mustache.servlet.content-type	Content-Type value.	
spring.mustache.servlet.expose-request-attributes	Whether all request attributes should be added to the model prior to merging with the template.	false
spring.mustache.servlet.expose-session-attributes	Whether all HttpSession attributes should be added to the model prior to merging with the template.	false
spring.mustache.servlet.expose-spring-macro	Whether to expose a RequestContext for use by Spring's macro library, under the name "springMacroRequestContext".	true
spring.mustache.suffix	Suffix to apply to template names.	.mustache
spring.mustache.view-names	View names that can be resolved.	
spring.thymeleaf.cache	Whether to enable template caching.	true
spring.thymeleaf.check-template	Whether to check that the template exists before rendering it.	true
spring.thymeleaf.check-template-location	Whether to check that the templates location exists.	true
spring.thymeleaf.enable-spring-el-compiler	Enable the SpringEL compiler in SpringEL expressions.	false
spring.thymeleaf.enabled	Whether to enable Thymeleaf view resolution for Web frameworks.	true
spring.thymeleaf.encoding	Template files encoding.	UTF-8
spring.thymeleaf.excluded-view-names	Comma-separated list of view names (patterns allowed) that should be excluded from resolution.	
spring.thymeleaf.mode	Template mode to be applied to templates. See also Thymeleaf's TemplateMode enum.	HTML
spring.thymeleaf.prefix	Prefix that gets prepended to view names when building a URL.	classpath:/templates/
spring.thymeleaf.reactive.chunked-mode-view-names	Comma-separated list of view names (patterns allowed) that should be the only ones executed in CHUNKED mode when a max chunk size is set.	
spring.thymeleaf.reactive.full-mode-view-names	Comma-separated list of view names (patterns allowed) that should be executed in FULL mode even if a max chunk size is set.	
spring.thymeleaf.reactive.max-chunk-size	Maximum size of data buffers used for writing to the response. Templates will execute in CHUNKED mode by default if this is set.	0B

spring.thymeleaf.reactive.media-types	Media types supported by the view technology.	[text/html, application/xhtml+xml, application/xml, text/xml, application/rss+xml, application/atom+xml, application/javascript, application/ecmascript, text/javascript, text/ecmascript, application/json, text/css, text/plain, text/event-stream]
spring.thymeleaf.render-hidden-markers-behavior	Whether hidden form inputs acting as markers for checkboxes should be rendered before the checkbox element itself.	false
spring.thymeleaf.servlet.content-type	Content-Type value written to HTTP responses.	text/html
spring.thymeleaf.servlet.produce-partial-as-soon-as-possible-or-buffer-until-processing-is-finished	Whether Thymeleaf should start writing partial output as soon as possible or buffer until template processing is finished.	true
spring.thymeleaf.suffix	Suffix that gets appended to view names when building a URL.	.html
spring.thymeleaf.template-resolver-order	Order of the template resolver in the chain. By default, the template resolver is first in the chain. Order start at 1 and should only be set if you have defined additional "TemplateResolver" beans.	
spring.thymeleaf.view-names	Comma-separated list of view names (patterns allowed) that can be resolved.	

Server Properties

Name	Description	Default Value
server.address	Network address to which the server should bind.	
server.compression.enabled	Whether response compression is enabled.	false
server.compression.excluded-user-agents	Comma-separated list of user agents for which responses should not be compressed.	
server.compression.mime-types	Comma-separated list of MIME types that should be compressed.	[text/html, text/xml, text/plain, text/css, text/javascript, application/javascript, application/json, application/xml]
server.compression.min-response-size	Minimum "Content-Length" value that is required for compression to be performed.	2KB
server.error.include-binding-errors	When to include "errors" attribute.	never
server.error.include-exception	Include the "exception" attribute.	false
server.error.include-message	When to include "message" attribute.	never
server.error.include-path	When to include "path" attribute.	
server.error.include-stacktrace	When to include the "trace" attribute.	never
server.error.path	Path of the error controller.	/error
server.error.whitelabel.enabled	Whether to enable the default error page displayed in browsers in case of a server error.	true
server.forward-headers-strategy	Strategy for handling X-Forwarded-* headers.	
server.http2.enabled	Whether to enable HTTP/2 support, if the current environment supports it.	false
server.jetty.accesslog.append	Append to log.	false
server.jetty.accesslog.custom-format	Custom log format, see org.eclipse.jetty.server.CustomRequestLog. If defined, overrides the "format" configuration key.	
server.jetty.accesslog.enabled	Enable access log.	false
server.jetty.accesslog.file-date-format	Date format to place in log file name.	
server.jetty.accesslog.filename	Log filename. If not specified, logs redirect to "System.err".	
server.jetty.accesslog.format	Log format.	nasa
server.jetty.accesslog.ignore-paths	Request paths that should not be logged.	
server.jetty.accesslog.retention-period	Number of days before rotated log files are deleted.	31
server.jetty.connection-idle-timeout	Time that the connection can be idle before it is closed.	
server.jetty.max-connections	Maximum number of connections that the server accepts and processes at any given time.	-1
server.jetty.max-http-form-post-size	Maximum size of the form content in any HTTP post request.	200000B
server.jetty.max-http-response-header-size	Maximum size of the HTTP response header.	8KB

server.jetty.threads.acceptors	Number of acceptor threads to use. When the value is -1, the default, the number of acceptors is derived from the operating environment.	-1
server.jetty.threads.idle-timeout	Maximum thread idle time.	60000ms
server.jetty.threads.max	Maximum number of threads.	200
server.jetty.threads.max-queue-capacity	Maximum capacity of the thread pool's backing queue. A default is computed based on the threading configuration.	
server.jetty.threads.min	Minimum number of threads.	8
server.jetty.threads.selectors	Number of selector threads to use. When the value is -1, the default, the number of selectors is derived from the operating environment.	-1
server.max-http-request-header-size	Maximum size of the HTTP request header.	8KB
server.netty.connection-timeout	Connection timeout of the Netty channel.	
server.netty.h2c-max-content-length	Maximum content length of an H2C upgrade request.	0B
server.netty.idle-timeout	Idle timeout of the Netty channel. When not specified, an infinite timeout is used.	
server.netty.initial-buffer-size	Initial buffer size for HTTP request decoding.	128B
server.netty.max-initial-line-length	Maximum length that can be decoded for an HTTP request's initial line.	4KB
server.netty.max-keep-alive-requests	Maximum number of requests that can be made per connection. By default, a connection serves unlimited number of requests.	
server.netty.validate-headers	Whether to validate headers when decoding requests.	true
server.port	Server HTTP port.	8080
server.reactive.session.cookie.domain	Domain for the cookie.	
server.reactive.session.cookie.http-only	Whether to use "HttpOnly" cookies for the cookie.	
server.reactive.session.cookie.max-age	Maximum age of the cookie. If a duration suffix is not specified, seconds will be used. A positive value indicates when the cookie expires relative to the current time. A value of 0 means the cookie should expire immediately. A negative value means no "Max-Age".	
server.reactive.session.cookie.name	Name for the cookie.	
server.reactive.session.cookie.path	Path of the cookie.	
server.reactive.session.cookie.same-site	SameSite setting for the cookie.	
server.reactive.session.cookie.secure	Whether to always mark the cookie as secure.	
server.reactive.session.max-sessions	Maximum number of sessions that can be stored.	10000
server.reactive.session.timeout	Session timeout. If a duration suffix is not specified, seconds will be used.	30m
server.server-header	Value to use for the Server response header (if empty, no header is sent).	
server.servlet.application-display-name	Display name of the application.	application
server.servlet.context-parameters.*	Servlet context init parameters.	
server.servlet.context-path	Context path of the application.	
server.servlet.encoding.charset	Charset of HTTP requests and responses. Added to the "Content-Type" header if not set explicitly.	UTF-8
server.servlet.encoding.enabled	Whether to enable http encoding support.	true
server.servlet.encoding.force	Whether to force the encoding to the configured charset on HTTP requests and responses.	
server.servlet.encoding.force-request	Whether to force the encoding to the configured charset on HTTP requests. Defaults to true when "force" has not been specified.	
server.servlet.encoding.force-response	Whether to force the encoding to the configured charset on HTTP responses.	
server.servlet.encoding.mapping.*	Mapping of locale to charset for response encoding.	
server.servlet.jsp.class-name	Class name of the servlet to use for JSPs. If registered is true and this class * is on the classpath then it will be registered.	org.apache.jasper.servlet.JspServlet
server.servlet.jsp.init-parameters.*	Init parameters used to configure the JSP servlet.	
server.servlet.jsp.registered	Whether the JSP servlet is registered.	true
server.servlet.register-default-servlet	Whether to register the default Servlet with the container.	false
server.servlet.session.cookie.domain	Domain for the cookie.	
server.servlet.session.cookie.http-only	Whether to use "HttpOnly" cookies for the cookie.	

server.servlet.session.cookie.max-age	Maximum age of the cookie. If a duration suffix is not specified, seconds will be used. A positive value indicates when the cookie expires relative to the current time. A value of 0 means the cookie should expire immediately. A negative value means no "Max-Age".	
server.servlet.session.cookie.name	Name of the cookie.	
server.servlet.session.cookie.path	Path of the cookie.	
server.servlet.session.cookie.same-site	SameSite setting for the cookie.	
server.servlet.session.cookie.secure	Whether to always mark the cookie as secure.	
server.servlet.session.persistent	Whether to persist session data between restarts.	false
server.servlet.session.store-dir	Directory used to store session data.	
server.servlet.session.timeout	Session timeout. If a duration suffix is not specified, seconds will be used.	30m
server.servlet.session.tracking-modes	Session tracking modes.	
server.shutdown	Type of shutdown that the server will support.	immediate
server.ssl.bundle	The name of a configured SSL bundle.	
server.ssl.certificate	Path to a PEM-encoded SSL certificate file.	
server.ssl.certificate-private-key	Path to a PEM-encoded private key file for the SSL certificate.	
server.ssl.ciphers	Supported SSL ciphers.	
server.ssl.client-auth	Client authentication mode. Requires a trust store.	
server.ssl.enabled	Whether to enable SSL support.	true
server.ssl.enabled-protocols	Enabled SSL protocols.	
server.ssl.key-alias	Alias that identifies the key in the key store.	
server.ssl.key-password	Password used to access the key in the key store.	
server.ssl.key-store	Path to the key store that holds the SSL certificate (typically a jks file).	
server.ssl.key-store-password	Password used to access the key store.	
server.ssl.key-store-provider	Provider for the key store.	
server.ssl.key-store-type	Type of the key store.	
server.ssl.protocol	SSL protocol to use.	TLS
server.ssl.server-name-bundles	Mapping of host names to SSL bundles for SNI configuration.	
server.ssl.trust-certificate	Path to a PEM-encoded SSL certificate authority file.	
server.ssl.trust-certificate-private-key	Path to a PEM-encoded private key file for the SSL certificate authority.	
server.ssl.trust-store	Trust store that holds SSL certificates.	
server.ssl.trust-store-password	Password used to access the trust store.	
server.ssl.trust-store-provider	Provider for the trust store.	
server.ssl.trust-store-type	Type of the trust store.	
server.tomcat.accept-count	Maximum queue length for incoming connection requests when all possible request processing threads are in use.	100
server.tomcat.accesslog.buffered	Whether to buffer output such that it is flushed only periodically.	true
server.tomcat.accesslog.check-exists	Whether to check for log file existence so it can be recreated if an external process has renamed it.	false
server.tomcat.accesslog.condition-if	Whether logging of the request will only be enabled if "ServletRequest.getAttribute(conditionIf)" does not yield null.	
server.tomcat.accesslog.condition-unless	Whether logging of the request will only be enabled if "ServletRequest.getAttribute(conditionUnless)" yield null.	
server.tomcat.accesslog.directory	Directory in which log files are created. Can be absolute or relative to the Tomcat base dir.	logs
server.tomcat.accesslog.enabled	Enable access log.	false
server.tomcat.accesslog.encoding	Character set used by the log file. Default to the system default character set.	
server.tomcat.accesslog.file-date-format	Date format to place in the log file name.	.yyyy-MM-dd
server.tomcat.accesslog.ipv6-canonical	Whether to use IPv6 canonical representation format as defined by RFC 5952.	false
server.tomcat.accesslog.locale	Locale used to format timestamps in log entries and in log file name suffix. Default to the default locale of the Java process.	
server.tomcat.accesslog.max-days	Number of days to retain the access log files before they are removed.	-1
server.tomcat.accesslog.pattern	Format pattern for access logs.	common
server.tomcat.accesslog.prefix	Log file name prefix.	access_log

server.tomcat.accesslog.rename-on-rotate	Whether to defer inclusion of the date stamp in the file name until rotate time.	false
server.tomcat.accesslog.request-attributes-enabled	Set request attributes for the IP address, Hostname, protocol, and port used for the request.	false
server.tomcat.accesslog.rotate	Whether to enable access log rotation.	true
server.tomcat.accesslog.suffix	Log file name suffix.	.log
server.tomcat.additional-tld-skip-patterns	Comma-separated list of additional patterns that match jars to ignore for TLD scanning. The special '?' and '*' characters can be used in the pattern to match one and only one character and zero or more characters respectively.	
server.tomcat.background-processor-delay	Delay between the invocation of backgroundProcess methods. If a duration suffix is not specified, seconds will be used.	10s
server.tomcat.basedir	Tomcat base directory. If not specified, a temporary directory is used.	
server.tomcat.connection-timeout	Amount of time the connector will wait, after accepting a connection, for the request URI line to be presented.	
server.tomcat.keep-alive-timeout	Time to wait for another HTTP request before the connection is closed. When not set the connectionTimeout is used. When set to -1 there will be no timeout.	
server.tomcat.max-connections	Maximum number of connections that the server accepts and processes at any given time. Once the limit has been reached, the operating system may still accept connections based on the "acceptCount" property.	8192
server.tomcat.max-http-form-post-size	Maximum size of the form content in any HTTP post request.	2MB
server.tomcat.max-http-response-header-size	Maximum size of the HTTP response header.	8KB
server.tomcat.max-keep-alive-requests	Maximum number of HTTP requests that can be pipelined before the connection is closed. When set to 0 or 1, keep-alive and pipelining are disabled. When set to -1, an unlimited number of pipelined or keep-alive requests are allowed.	100
server.tomcat.max-swallow-size	Maximum amount of request body to swallow.	2MB
server.tomcat.mbeanregistry.enabled	Whether Tomcat's MBean Registry should be enabled.	false
server.tomcat.processor-cache	Maximum number of idle processors that will be retained in the cache and reused with a subsequent request. When set to -1 the cache will be unlimited with a theoretical maximum size equal to the maximum number of connections.	200
server.tomcat.redirect-context-root	Whether requests to the context root should be redirected by appending a / to the path. When using SSL terminated at a proxy, this property should be set to false.	true
server.tomcat.relaxed-path-chars	Comma-separated list of additional unencoded characters that should be allowed in URI paths. Only "<>[\]^`{ }" are allowed.	
server.tomcat.relaxed-query-chars	Comma-separated list of additional unencoded characters that should be allowed in URI query strings. Only "<>[\]^`{ }" are allowed.	
server.tomcat.remoteip.host-header	Name of the HTTP header from which the remote host is extracted.	X-Forwarded-Host
server.tomcat.remoteip.internal-proxies	Regular expression that matches proxies that are to be trusted.	10\\.\\.\\.d{1,3}\\\\.\\.\\.d{1,3}\\\\.\\.\\.d{1,3} 192\\.\\.168\\.
server.tomcat.remoteip.port-header	Name of the HTTP header used to override the original port value.	X-Forwarded-Port
server.tomcat.remoteip.protocol-header	Header that holds the incoming protocol, usually named "X-Forwarded-Proto".	
server.tomcat.remoteip.protocol-header-https-value	Value of the protocol header indicating whether the incoming request uses SSL.	https
server.tomcat.remoteip.remote-ip-header	Name of the HTTP header from which the remote IP is extracted. For instance, 'X-FORWARDED-FOR'.	
server.tomcat.remoteip.trusted-proxies	Regular expression defining proxies that are trusted when they appear in the "remote-ip-header" header.	

server.tomcat.resource.allow-caching	Whether static resource caching is permitted for this web application.	true
server.tomcat.resource.cache-ttl	Time-to-live of the static resource cache.	
server.tomcat.threads.max	Maximum amount of worker threads.	200
server.tomcat.threads.max-queue-capacity	Maximum capacity of the thread pool's backing queue.	2147483647
server.tomcat.threads.min-spare	Minimum amount of worker threads.	10
server.tomcat.uri-encoding	Character encoding to use to decode the URI.	UTF-8
server.tomcat.use-relative-redirects	Whether HTTP 1.1 and later location headers generated by a call to sendRedirect will use relative or absolute redirects.	false
server.undertow.accesslog.dir	Undertow access log directory.	
server.undertow.accesslog.enabled	Whether to enable the access log.	false
server.undertow.accesslog.pattern	Format pattern for access logs.	common
server.undertow.accesslog.prefix	Log file name prefix.	access_log.
server.undertow.accesslog.rotate	Whether to enable access log rotation.	true
server.undertow.accesslog.suffix	Log file name suffix.	log
server.undertow.always-set-keep-alive	Whether the 'Connection: keep-alive' header should be added to all responses, even if not required by the HTTP specification.	true
server.undertow.buffer-size	Size of each buffer. The default is derived from the maximum amount of memory that is available to the JVM.	
server.undertow.decode-slash	Whether encoded slash characters (%2F) should be decoded. Decoding can cause security problems if a front-end proxy does not perform the same decoding. Only enable this if you have a legacy application that requires it. When set, server.undertow.allow-encoded-slash has no effect.	
server.undertow.decode-url	Whether the URL should be decoded. When disabled, percent-encoded characters in the URL will be left as-is.	true
server.undertow.direct-buffers	Whether to allocate buffers outside the Java heap. The default is derived from the maximum amount of memory that is available to the JVM.	
server.undertow.eager-filter-init	Whether servlet filters should be initialized on startup.	true
server.undertow.max-cookies	Maximum number of cookies that are allowed. This limit exists to prevent hash collision based DOS attacks.	200
server.undertow.max-headers	Maximum number of headers that are allowed. This limit exists to prevent hash collision based DOS attacks.	
server.undertow.max-http-post-size	Maximum size of the HTTP post content. When the value is -1, the default, the size is unlimited.	-1B
server.undertow.max-parameters	Maximum number of query or path parameters that are allowed. This limit exists to prevent hash collision based DOS attacks.	
server.undertow.no-request-timeout	Amount of time a connection can sit idle without processing a request, before it is closed by the server.	
server.undertow.options.server.*	Server options as defined in io.undertow.UndertowOptions.	
server.undertow.options.socket.*	Socket options as defined in org.xnio.Options.	
server.undertow.preserve-path-on-forward	Whether to preserve the path of a request when it is forwarded.	false
server.undertow.threads.io	Number of I/O threads to create for the worker. The default is derived from the number of available processors.	
server.undertow.threads.worker	Number of worker threads. The default is 8 times the number of I/O threads.	
server.undertow.url-charset	Charset used to decode URLs.	UTF-8

Security Properties

Name	Description	Default Value
spring.security.filter.dispatcher-types	Security filter chain dispatcher types for Servlet-based web applications.	[async, error, forward, include, request]
spring.security.filter.order	Security filter chain order for Servlet-based web applications.	-100

spring.security.oauth2.authorizationserver.endpoint.authorization-uri	Registered clients of the Authorization Server. Authorization Server's OAuth 2.0 Authorization Endpoint.	/oauth2/authorize
spring.security.oauth2.authorizationserver.endpoint.device-authorization-uri	Authorization Server's OAuth 2.0 Device Authorization Endpoint.	/oauth2/device_authorization
spring.security.oauth2.authorizationserver.endpoint.device-verification-uri	Authorization Server's OAuth 2.0 Device Verification Endpoint.	/oauth2/device_verification
spring.security.oauth2.authorizationserver.endpoint.jwks-uri	Authorization Server's JWKS Endpoint.	/oauth2/jwks
spring.security.oauth2.authorizationserver.endpoint.oidc.client-registration-uri	Authorization Server's OpenID Connect 1.0 Client Registration Endpoint.	/connect/register
spring.security.oauth2.authorizationserver.endpoint.oidc.logout-uri	Authorization Server's OpenID Connect 1.0 Logout Endpoint.	/connect/logout
spring.security.oauth2.authorizationserver.endpoint.oidc.user-info-uri	Authorization Server's OpenID Connect 1.0 UserInfo Endpoint.	/userinfo
spring.security.oauth2.authorizationserver.endpoint.token-introspection-uri	Authorization Server's OAuth 2.0 Token Introspection Endpoint.	/oauth2/introspect
spring.security.oauth2.authorizationserver.endpoint.token-revocation-uri	Authorization Server's OAuth 2.0 Token Revocation Endpoint.	/oauth2/revoke
spring.security.oauth2.authorizationserver.endpoint.token-uri	Authorization Server's OAuth 2.0 Token Endpoint.	/oauth2/token
spring.security.oauth2.authorizationserver.issuer-uri	URL of the Authorization Server's Issuer Identifier.	
spring.security.oauth2.client.provider.*	OAuth provider details.	
spring.security.oauth2.client.registration.*	OAuth client registrations.	
spring.security.oauth2.resourceserver.jwt.*	Identifies the recipients that the JWT is intended for.	
spring.security.oauth2.resourceserver.jwt.authorities-claim-delimiter	Regex to use for splitting the value of the authorities claim into authorities.	
spring.security.oauth2.resourceserver.jwt.authorities-claim-name	Name of token claim to use for mapping authorities from JWT.	
spring.security.oauth2.resourceserver.jwt.authorities-prefix	Prefix to use for authorities mapped from JWT.	
spring.security.oauth2.resourceserver.jwt.discovery-uri	URI that can either be an OpenID Connect discovery endpoint or an OAuth 2.0 Authorization Server Metadata endpoint defined by RFC 8414.	
spring.security.oauth2.resourceserver.jwt.jwk-uri	JSON Web Key URI to use to verify the JWT token.	
spring.security.oauth2.resourceserver.jwt.jws-algorithms	JSON Web Algorithms used for verifying the digital signatures.	RS256
spring.security.oauth2.resourceserver.jwt.principal-claim-name	JWT principal claim name	
spring.security.oauth2.resourceserver.jwt.public-key-location	Location of the file containing the public key used to verify a JWT.	
spring.security.oauth2.resourceserver.opaquetoken.client-id	Client id used to authenticate with the token introspection endpoint.	
spring.security.oauth2.resourceserver.opaquetoken.client-secret	Client secret used to authenticate with the token introspection endpoint.	
spring.security.oauth2.resourceserver.opaquetoken.introspection-uri	OAuth 2.0 endpoint through which token introspection is accomplished.	
spring.security.saml2.relyingparty.registrations	SAML 2 relying party registrations.	
spring.security.user.name	Default user name.	user
spring.security.user.password	Password for the default user name.	
spring.security.user.roles	Granted roles for the default user name.	

RSocket Properties

Name	Description	Default Value
spring.rsocket.server.address	Network address to which the server should bind.	
spring.rsocket.server.fragment-size	Maximum transmission unit. Frames larger than the specified value are fragmented.	
spring.rsocket.server.mapping-path	Path under which RSocket handles requests (only works with websocket transport).	
spring.rsocket.server.port	Server port.	
spring.rsocket.server.spec.compress	Whether the websocket compression extension is enabled.	false
spring.rsocket.server.spec.handle-ping	Whether to proxy websocket ping frames or respond to them.	false
spring.rsocket.server.spec.max-frame-payload-length	Maximum allowable frame payload length.	65536B
spring.rsocket.server.spec.protocols	Sub-protocols to use in websocket handshake signature.	
spring.rsocket.server.ssl.bundle	The name of a configured SSL bundle.	
spring.rsocket.server.ssl.certificate	Path to a PEM-encoded SSL certificate file.	
spring.rsocket.server.ssl.certificate-private-key	Path to a PEM-encoded private key file for the SSL certificate.	
spring.rsocket.server.ssl.ciphers	Supported SSL ciphers.	

spring.rsocket.server.ssl.client-auth	Client authentication mode. Requires a trust store.	
spring.rsocket.server.ssl.enabled	Whether to enable SSL support.	true
spring.rsocket.server.ssl.enabled-protocols	Enabled SSL protocols.	
spring.rsocket.server.ssl.key-alias	Alias that identifies the key in the key store.	
spring.rsocket.server.ssl.key-password	Password used to access the key in the key store.	
spring.rsocket.server.ssl.key-store	Path to the key store that holds the SSL certificate (typically a jks file).	
spring.rsocket.server.ssl.key-store-password	Password used to access the key store.	
spring.rsocket.server.ssl.key-store-provider	Provider for the key store.	
spring.rsocket.server.ssl.key-store-type	Type of the key store.	
spring.rsocket.server.ssl.protocol	SSL protocol to use.	TLS
spring.rsocket.server.ssl.server-name-bundles	Mapping of host names to SSL bundles for SNI configuration.	
spring.rsocket.server.ssl.trust-certificate-authority	Path to a PEM-encoded SSL certificate authority file.	
spring.rsocket.server.ssl.trust-certificate-private-key	Path to a PEM-encoded private key file for the SSL certificate authority.	
spring.rsocket.server.ssl.trust-store	Trust store that holds SSL certificates.	
spring.rsocket.server.ssl.trust-store-password	Password used to access the trust store.	
spring.rsocket.server.ssl.trust-store-provider	Provider for the trust store.	
spring.rsocket.server.ssl.trust-store-type	Type of the trust store.	
spring.rsocket.server.transport	RSocket transport protocol.	tcp

Actuator Properties

Name	Description	Default Value
management.apptics.metrics.export.api-token	AppOptics API token.	
management.apptics.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	500
management.apptics.metrics.export.connection-timeout	Connection timeout for requests to this backend.	5s
management.apptics.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.apptics.metrics.export.floored-measurements	Whether to ship a floored time, useful when sending measurements from multiple hosts to align them on a given time boundary.	false
management.apptics.metrics.export.host-tag	Tag that will be mapped to "@host" when shipping metrics to AppOptics.	instance
management.apptics.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.apptics.metrics.export.step-size	Step size (i.e. reporting frequency) to use.	1m
management.apptics.metrics.export.uri	URI to ship metrics to.	https://api.apptics.com/v1/measurements
management.atlas.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.atlas.metrics.export.config-refresh-frequency	Frequency for refreshing config settings from the LWC service.	10s
management.atlas.metrics.export.config-time-to-live	Time to live for subscriptions from the LWC service.	150s
management.atlas.metrics.export.config-uri	URI for the Atlas LWC endpoint to retrieve current subscriptions.	http://localhost:7101/lwc/api/v1/expressions/1
management.atlas.metrics.export.connect-timeout	Connection timeout for requests to this backend.	1s
management.atlas.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.atlas.metrics.export.eval-uri	URI for the Atlas LWC endpoint to evaluate the data for a subscription.	http://localhost:7101/lwc/api/v1/evaluate
management.atlas.metrics.export.lwc-enabled	Whether to enable streaming to Atlas LWC.	false
management.atlas.metrics.export.lwc-ignore-publish-step	Whether expressions with the same step size as Atlas publishing should be ignored for streaming. Used for cases where data being published to Atlas is also sent into streaming from the backend.	true
management.atlas.metrics.export.lwc-step-size	Step size (reporting frequency) to use for streaming to Atlas LWC. This is the highest supported resolution for getting an on-demand stream of the data. It must be less than or equal to management.metrics.export.atlas.step and management.metrics.export.atlas.step should be an even multiple of this value.	5s
management.atlas.metrics.export.meter-time-to-live	Time to live for meters that do not have any activity. After this period the meter will be considered expired and will not get reported.	15m

management.atlas.metrics.export.num-threads	Number of threads to use with the metrics publishing scheduler.	4
management.atlas.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.atlas.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.atlas.metrics.export.uri	URI of the Atlas server.	http://localhost:7101/api/v1/publish
management.auditevents.enabled	Whether to enable storage of audit events.	true
management.cloudfoundry.enabled	Whether to enable extended Cloud Foundry actuator endpoints.	true
management.cloudfoundry.skip-ssl-validation	Whether to skip SSL verification for Cloud Foundry actuator endpoint security calls.	false
management.datadog.metrics.export.api-key	Datadog API key.	
management.datadog.metrics.export.application-key	Datadog application key. Not strictly required, but improves the Datadog experience by sending meter descriptions, types, and base units to Datadog.	
management.datadog.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.datadog.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.datadog.metrics.export.descriptions	Whether to publish descriptions metadata to Datadog. Turn this off to minimize the amount of metadata sent.	true
management.datadog.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.datadog.metrics.export.host-tag	Tag that will be mapped to "host" when shipping metrics to Datadog.	instance
management.datadog.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.datadog.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.datadog.metrics.export.uri	URI to ship metrics to. Set this if you need to publish metrics to a Datadog site other than US, or to an internal proxy en-route to Datadog.	https://api.datadoghq.com
management.defaults.metrics.export.enabled	Whether to enable default metrics exporters.	true
management.dynatrace.metrics.export.api-key	Dynatrace authentication token.	
management.dynatrace.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.dynatrace.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.dynatrace.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.dynatrace.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.dynatrace.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.dynatrace.metrics.export.uri	URI to ship metrics to. Should be used for SaaS, self-managed instances or to en-route through an internal proxy.	
management.dynatrace.metrics.export.v1.device-id	ID of the custom device that is exporting metrics to Dynatrace.	
management.dynatrace.metrics.export.v1.group	Group for exported metrics. Used to specify custom device group name in the Dynatrace UI.	
management.dynatrace.metrics.export.v1.technology	Technology type for exported metrics. Used to group metrics under a logical technology name in the Dynatrace UI.	java
management.dynatrace.metrics.export.v2.default-dimensions	Default dimensions that are added to all metrics in the form of key-value pairs. These are overwritten by Micrometer tags if they use the same key.	
management.dynatrace.metrics.export.v2.enabled	Whether to enable Dynatrace metadata export.	true
management.dynatrace.metrics.export.v2.export-meter-metadata	Whether to export meter metadata (unit and description) to the Dynatrace backend.	true
management.dynatrace.metrics.export.v2.prefix	Prefix string that is added to all exported metrics.	
management.dynatrace.metrics.export.v2.use-dynatrace-summary-instruments	Whether to fall back to the built-in micrometer instruments for Timer and DistributionSummary.	true
management.elastic.metrics.export.api-key-credentials	Base64-encoded credentials string. Mutually exclusive with user-name and password.	
management.elastic.metrics.export.auto-create-index	Whether to create the index automatically if it does not exist.	true
management.elastic.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.elastic.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.elastic.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.elastic.metrics.export.host	Host to export metrics to.	http://localhost:9200

management.elastic.metrics.export.index	Index to export metrics to.	micrometer-metrics
management.elastic.metrics.export.index-date-format	Index date format used for rolling indices. Appended to the index name.	yyyy-MM
management.elastic.metrics.export.index-date-separator	Prefix to separate the index name from the date format used for rolling indices.	-
management.elastic.metrics.export.password	Login password of the Elastic server. Mutually exclusive with api-key-credentials.	
management.elastic.metrics.export.pipeline	Ingest pipeline name. By default, events are not pre-processed.	
management.elastic.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.elastic.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.elastic.metrics.export.timestamp-field	Name of the timestamp field.	@timestamp
management.elastic.metrics.export.user-name	Login user of the Elastic server. Mutually exclusive with api-key-credentials.	
management.endpoint.auditevents.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.auditevents.enabled	Whether to enable the auditevents endpoint.	true
management.endpoint.beans.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.beans.enabled	Whether to enable the beans endpoint.	true
management.endpoint.caches.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.caches.enabled	Whether to enable the caches endpoint.	true
management.endpoint.conditions.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.conditions.enabled	Whether to enable the conditions endpoint.	true
management.endpoint.configprops.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.configprops.enabled	Whether to enable the configprops endpoint.	true
management.endpoint.configprops.roles	Roles used to determine whether a user is authorized to be shown unsanitized values. When empty, all authenticated users are authorized.	
management.endpoint.configprops.show-values	When to show unsanitized values.	never
management.endpoint.env.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.env.enabled	Whether to enable the env endpoint.	true
management.endpoint.env.roles	Roles used to determine whether a user is authorized to be shown unsanitized values. When empty, all authenticated users are authorized.	
management.endpoint.env.show-values	When to show unsanitized values.	never
management.endpoint.flyway.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.flyway.enabled	Whether to enable the flyway endpoint.	true
management.endpoint.health.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.health.enabled	Whether to enable the health endpoint.	true
management.endpoint.health.group.*	Health endpoint groups.	
management.endpoint.health.logging.slow-indicator-threshold	Threshold after which a warning will be logged for slow health indicators.	10s
management.endpoint.health.probes.add-additional-paths	Whether to make the liveness and readiness health groups available on the main server port.	false
management.endpoint.health.probes.enabled	Whether to enable liveness and readiness probes.	false
management.endpoint.health.roles	Roles used to determine whether a user is authorized to be shown details. When empty, all authenticated users are authorized.	
management.endpoint.health.show-components	When to show components. If not specified the 'show-details' setting will be used.	
management.endpoint.health.show-details	When to show full health details.	never
management.endpoint.health.status.http-mappings	Mapping of health statuses to HTTP status codes. By default, registered health statuses map to sensible defaults (for example, UP maps to 200).	
management.endpoint.health.status.order	Comma-separated list of health statuses in order of severity.	[DOWN, OUT_OF_SERVICE, UP, UNKNOWN]
management.endpoint.health.validate-group-membership	Whether to validate health group membership on startup. Validation fails if a group includes or excludes a health contributor that does not exist.	true
management.endpoint.heapdump.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.heapdump.enabled	Whether to enable the heapdump endpoint.	true
management.endpoint.httpexchanges.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.httpexchanges.enabled	Whether to enable the httpexchanges endpoint.	true
management.endpoint.info.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.info.enabled	Whether to enable the info endpoint.	true
management.endpoint.integrationgraph.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.integrationgraph.enabled	Whether to enable the integrationgraph endpoint.	true
management.endpoint.liquibase.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.liquibase.enabled	Whether to enable the liquibase endpoint.	true
management.endpoint.logfile.cache.time-to-live	Maximum time that a response can be cached.	0ms

management.endpoint.logfile.enabled	Whether to enable the logfile endpoint.	true
management.endpoint.logfile.external-file	External Logfile to be accessed. Can be used if the logfile is written by output redirect and not by the logging system itself.	
management.endpoint.loggers.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.loggers.enabled	Whether to enable the loggers endpoint.	true
management.endpoint.mappings.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.mappings.enabled	Whether to enable the mappings endpoint.	true
management.endpoint.metrics.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.metrics.enabled	Whether to enable the metrics endpoint.	true
management.endpoint.prometheus.enabled	Whether to enable the prometheus endpoint.	true
management.endpoint.quartz.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.quartz.enabled	Whether to enable the quartz endpoint.	true
management.endpoint.quartz.roles	Roles used to determine whether a user is authorized to be shown unsanitized job or trigger values. When empty, all authenticated users are authorized.	
management.endpoint.quartz.show-values	When to show unsanitized job or trigger values.	never
management.endpoint.sbom.additional.*	Additional SBOMs.	
management.endpoint.sbom.application.location	Location to the SBOM. If null, the location will be auto-detected.	
management.endpoint.sbom.application.media-type	Media type of the SBOM. If null, the media type will be auto-detected.	
management.endpoint.sbom.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.sbom.enabled	Whether to enable the sbom endpoint.	true
management.endpoint.scheduledtasks.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.scheduledtasks.enabled	Whether to enable the scheduledtasks endpoint.	true
management.endpoint.sessions.enabled	Whether to enable the sessions endpoint.	true
management.endpoint.shutdown.enabled	Whether to enable the shutdown endpoint.	false
management.endpoint.startup.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.startup.enabled	Whether to enable the startup endpoint.	true
management.endpoint.threaddump.cache.time-to-live	Maximum time that a response can be cached.	0ms
management.endpoint.threaddump.enabled	Whether to enable the threaddump endpoint.	true
management.endpoints.enabled-by-default	Whether to enable or disable all endpoints by default.	
management.endpoints.jackson.isolated-object-mapper	Whether to use an isolated object mapper to serialize endpoint JSON.	true
management.endpoints.jmx.domain	Endpoints JMX domain name. Fallback to 'spring.jmx.default-domain' if set.	org.springframework.boot
management.endpoints.jmx.exposure.exclude	Endpoint IDs that should be excluded or '*' for all.	
management.endpoints.jmx.exposure.include	Endpoint IDs that should be included or '*' for all.	health
management.endpoints.jmx.static-names	Additional static properties to append to all ObjectNames of MBeans representing Endpoints.	
management.endpoints.migrate-legacy-ids	Whether to transparently migrate legacy endpoint IDs.	false
management.endpoints.web.base-path	Base path for Web endpoints. Relative to the servlet context path (server.servlet.context-path) or WebFlux base path (spring.webflux.base-path) when the management server is sharing the main server port. Relative to the management server base path (management.server.base-path) when a separate management server port (management.server.port) is configured.	/actuator
management.endpoints.web.cors.allow-credentials	Whether credentials are supported. When not set, credentials are not supported.	
management.endpoints.web.cors.allowed-headers	Comma-separated list of headers to allow in a request. '*' allows all headers.	
management.endpoints.web.cors.allowed-methods	Comma-separated list of methods to allow. '*' allows all methods. When not set, defaults to GET.	
management.endpoints.web.cors.allowed-origins	Comma-separated list of origin patterns to allow. Unlike allowed origins which only supports '*', origin patterns are more flexible (for example 'https://example.com') and can be used when credentials are allowed. When no allowed origin patterns or allowed origins are set, CORS support is disabled.	
management.endpoints.web.cors.allowed-origins-used-as-patterns	Comma-separated list of origins to allow. '*' allows all origins. When credentials are allowed, '*' cannot be used and origin patterns should be configured instead. When no allowed origins or allowed origin patterns are set, CORS support is disabled.	

management.endpoints.web.cors.exposed-headers	Comma-separated list of headers to include in a response.	
management.endpoints.web.cors.max-age	How long the response from a pre-flight request can be cached by clients. If a duration suffix is not specified, seconds will be used.	1800s
management.endpoints.web.discovery.enabled	Whether the discovery page is enabled.	true
management.endpoints.web.exposure.exclude	Endpoint IDs that should be excluded or "*" for all.	
management.endpoints.web.exposure.include	Endpoint IDs that should be included or "*" for all.	[health]
management.endpoints.web.path-mapping.*	Mapping between endpoint IDs and the path that should expose them.	
management.ganglia.metrics.export.address	UDP address, either unicast or multicast.	multicast
management.ganglia.metrics.export.duration	Base time unit used to report durations.	milliseconds
management.ganglia.metrics.export.enabled	Whether exporting of metrics to Ganglia is enabled.	true
management.ganglia.metrics.export.host	Host of the Ganglia server to receive exported metrics.	localhost
management.ganglia.metrics.export.port	Port of the Ganglia server to receive exported metrics.	8649
management.ganglia.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.ganglia.metrics.export.time-to-live	Time to live for metrics on Ganglia. Set the multicast Time-To-Live to be one greater than the number of hops (routers) between the hosts.	1
management.graphite.metrics.export.duration	Base time unit used to report durations.	milliseconds
management.graphite.metrics.export.enabled	Whether exporting of metrics to Graphite is enabled.	true
management.graphite.metrics.export.graphiteTagsEnabled	Whether Graphite tags should be used, as opposed to a hierarchical naming convention. Enabled by default unless "tagsAsPrefix" is set.	
management.graphite.metrics.export.host	Host of the Graphite server to receive exported metrics.	localhost
management.graphite.metrics.export.port	Port of the Graphite server to receive exported metrics.	2004
management.graphite.metrics.export.protocol	Protocol to use while shipping data to Graphite.	pickled
management.graphite.metrics.export.rate	Base time unit used to report rates.	seconds
management.graphite.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.graphite.metrics.export.tags-as-prefix	For the hierarchical naming convention, turn the specified tag keys into part of the metric prefix. Ignored if "graphiteTagsEnabled" is true.	[]
management.health.cassandra.enabled	Whether to enable Cassandra health check.	true
management.health.couchbase.enabled	Whether to enable Couchbase health check.	true
management.health.db.enabled	Whether to enable database health check.	true
management.health.db.ignore-routing-data-sources	Whether to ignore AbstractRoutingDataSources when creating database health indicators.	false
management.health.defaults.enabled	Whether to enable default health indicators.	true
management.health.diskspace.enabled	Whether to enable disk space health check.	true
management.health.diskspace.path	Path used to compute the available disk space.	
management.health.diskspace.threshold	Minimum disk space that should be available.	10MB
management.health.elasticsearch.enabled	Whether to enable Elasticsearch health check.	true
management.health.influxdb.enabled	Whether to enable InfluxDB health check.	true
management.health.jms.enabled	Whether to enable JMS health check.	true
management.health.ldap.enabled	Whether to enable LDAP health check.	true
management.health.livenessstate.enabled	Whether to enable liveness state health check.	false
management.health.mail.enabled	Whether to enable Mail health check.	true
management.health.mongo.enabled	Whether to enable MongoDB health check.	true
management.health.neo4j.enabled	Whether to enable Neo4j health check.	true
management.health.ping.enabled	Whether to enable ping health check.	true
management.health.rabbit.enabled	Whether to enable RabbitMQ health check.	true
management.health.readinessstate.enabled	Whether to enable readiness state health check.	false
management.health.redis.enabled	Whether to enable Redis health check.	true
management.httpexchanges.recording.enabled	Whether to enable HTTP request-response exchange recording.	true
management.httpexchanges.recording.include	Items to be included in the exchange recording. Defaults to request headers (excluding Authorization and Cookie), response headers (excluding Set-Cookie), and time taken.	[request-headers, response-headers, errors]
management.humio.metrics.export.api-token	Humio API token.	
management.humio.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.humio.metrics.export.connect-timeout	Connection timeout for requests to this backend.	5s

management.humio.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.humio.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.humio.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.humio.metrics.export.tags.*	Humio tags describing the data source in which metrics will be stored. Humio tags are a distinct concept from Micrometer's tags. Micrometer's tags are used to divide metrics along dimensional boundaries.	
management.humio.metrics.export.uri	URI to ship metrics to. If you need to publish metrics to an internal proxy en-route to Humio, you can define the location of the proxy with this.	https://cloud.humio.com
management.influx.metrics.export.api-version	API version of InfluxDB to use. Defaults to 'v1' unless an org is configured. If an org is configured, defaults to 'v2'.	
management.influx.metrics.export.auto-create	Whether to create the Influx database if it does not exist before attempting to publish metrics to it.	true
management.influx.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.influx.metrics.export.bucket	Bucket for metrics. Use either the bucket name or ID. Defaults to the value of the db property if not set.	
management.influx.metrics.export.compressed	InfluxDB v2 only. Whether to enable GZIP compression of metrics batches published to Influx.	true
management.influx.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.influx.metrics.export.consistency	Write consistency for each point.	one
management.influx.metrics.export.db	Database to send metrics to. InfluxDB v1 only.	mydb
management.influx.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.influx.metrics.export.org	Org to write metrics to. InfluxDB v2 only.	
management.influx.metrics.export.password	Login password of the Influx server. InfluxDB v1 only.	
management.influx.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.influx.metrics.export.retention-duration	Time period for which Influx should retain data in the current database. For instance 7d, check the influx documentation for more details on the duration format. InfluxDB v1 only.	
management.influx.metrics.export.retention-policy	Retention policy to use (Influx writes to the DEFAULT retention policy if one is not specified). InfluxDB v1 only.	
management.influx.metrics.export.retention-shards	How many copies of the data are stored in the cluster. Must be 1 for a single node.	
management.influx.metrics.export.retention-window	Time range covered by a shard group. For instance 2w, check the influx documentation for more details on the duration format. InfluxDB v1 only.	
management.influx.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.influx.metrics.export.token	Authentication token to use with calls to the InfluxDB backend. For InfluxDB v1, the Bearer scheme is used. For v2, the Token scheme is used.	
management.influx.metrics.export.uri	URI of the Influx server.	http://localhost:8086
management.influx.metrics.export.user-name	Login user of the Influx server. InfluxDB v1 only.	
management.info.build.enabled	Whether to enable build info.	true
management.info.defaults.enabled	Whether to enable default info contributors.	true
management.info.env.enabled	Whether to enable environment info.	false
management.info.git.enabled	Whether to enable git info.	true
management.info.git.mode	Mode to use to expose git information.	simple
management.info.java.enabled	Whether to enable Java info.	false
management.info.os.enabled	Whether to enable Operating System info.	false
management.info.process.enabled	Whether to enable process info.	false
management.jmx.metrics.export.domain	Metrics JMX domain name.	metrics
management.jmx.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.jmx.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.kairos.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.kairos.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s

management.kairos.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.kairos.metrics.export.password	Login password of the KairosDB server.	
management.kairos.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.kairos.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.kairos.metrics.export.uri	URI of the KairosDB server.	http://localhost:8080/api/v1/datapoints
management.kairos.metrics.export.user-name	Login user of the KairosDB server.	
management.metrics.data.repository.autotiming.enabled	Whether to enable auto-timing.	true
management.metrics.data.repository.autotiming.percentiles	Percentiles for which additional time series should be published.	
management.metrics.data.repository.autotiming.publish-percentile-histograms	Whether to publish percentile histograms.	false
management.metrics.data.repository.metric-name	Name of the metric for sent requests.	spring.data.repository.invocations
management.metrics.distribution.buffer-length.*	Number of histograms for meter IDs starting with the specified name to keep in the ring buffer. The longest match wins, the key `all` can also be used to configure all meters.	
management.metrics.distribution.expiry.*	Maximum amount of time that samples for meter IDs starting with the specified name are accumulated to decaying distribution statistics before they are reset and rotated. The longest match wins, the key `all` can also be used to configure all meters.	
management.metrics.distribution.maximum-match-wins-values	Maximum value that meter IDs starting with the specified name are expected to observe. The longest match wins. Values can be specified as a double or as a Duration value (for timer meters, defaulting to ms if no unit specified).	
management.metrics.distribution.minimum-match-wins-values	Minimum value that meter IDs starting with the specified name are expected to observe. The longest match wins. Values can be specified as a double or as a Duration value (for timer meters, defaulting to ms if no unit specified).	
management.metrics.distribution.percentiles.*	Specific computed non-aggregable percentiles to ship to the backend for meter IDs starting-with the specified name. The longest match wins, the key `all` can also be used to configure all meters.	
management.metrics.distribution.percentile-calculation-based-on-histogram	Whether meter IDs starting with the specified name should publish percentile histograms. For monitoring systems that support aggregable percentile calculation based on a histogram, this can be set to true. For other systems, this has no effect. The longest match wins, the key `all` can also be used to configure all meters.	
management.metrics.distribution.slo.*	Specific service-level objective boundaries for meter IDs starting with the specified name. The longest match wins. Counters will be published for each specified boundary. Values can be specified as a double or as a Duration value (for timer meters, defaulting to ms if no unit specified).	
management.metrics.enable.*	Whether meter IDs starting with the specified name should be enabled. The longest match wins, the key `all` can also be used to configure all meters.	
management.metrics.mongo.command.enabled	Whether to enable Mongo client command metrics.	true
management.metrics.mongo.connectionpool.enabled	Whether to enable Mongo connection pool metrics.	true
management.metrics.system.diskspace.paths	Comma-separated list of paths to report disk metrics for.	[.]
management.metrics.tags.*	Common tags that are applied to every meter.	
management.metrics.use-global-registry	Whether auto-configured MeterRegistry implementations should be bound to the global static registry on Metrics. For testing, set this to `false` to maximize test independence.	true
management.metrics.web.client.max-uri-tag-values	Maximum number of unique URI tag values allowed. After the max number of tag values is reached, metrics with additional tag values are denied by filter.	100
management.metrics.web.server.max-uri-tag-values	Maximum number of unique URI tag values allowed. After the max number of tag values is reached, metrics with additional tag values are denied by filter.	100
management.newrelic.metrics.export.account-id	New Relic account ID.	
management.newrelic.metrics.export.api-key	New Relic API key.	

management.newrelic.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.newrelic.metrics.export.client-provider-type	Client provider type to use.	
management.newrelic.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.newrelic.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.newrelic.metrics.export.event-property	The event type that should be published. This property will be ignored if 'meter-name-event-type-enabled' is set to 'true'.	SpringBootTestSample
management.newrelic.metrics.export.meter-name-event-type-enabled	Whether to send the meter name as the event type instead of using the 'event-type' configuration property value. Can be set to 'true' if New Relic guidelines are not being followed or event types consistent with previous Spring Boot releases are required.	false
management.newrelic.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.newrelic.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.newrelic.metrics.export.uri	URI to ship metrics to.	https://insights-collector.newrelic.com
management.observations.annotations.enabled	Whether auto-configuration of Micrometer annotations is enabled.	false
management.observations.enable.*	Whether observations starting with the specified name should be enabled. The longest match wins, the key 'all' can also be used to configure all observations.	
management.observations.http.client.requests	Name of the observation for client requests.	http.client.requests
management.observations.http.server.requests	Name of the observation for server requests.	http.server.requests
management.observations.key-values.*	Common key-values that are applied to every observation.	
management.observations.long-task-timer.enabled	Whether to create a LongTaskTimer for every observation.	true
management.observations.r2dbc.include-payload	Whether to tag actual query parameter values.	false
management.opentelemetry.resource-attributes	Resource attributes.	
management.otlp.metrics.export.aggregation-temporality	Aggregation temporality of sums. It defines the way additive values are expressed. This setting depends on the backend you use, some only support one temporality.	
management.otlp.metrics.export.base-time-unit	Time unit for exported metrics.	milliseconds
management.otlp.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.otlp.metrics.export.connect-timeout	Connection timeout for requests to this backend.	1s
management.otlp.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.otlp.metrics.export.headers.*	Headers for the exported metrics.	
management.otlp.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.otlp.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.otlp.metrics.export.url	URI of the OLTP server.	http://localhost:4318/v1/metrics
management.otlp.tracing.compression	Method used to compress the payload.	none
management.otlp.tracing.endpoint	URL to the OTel collector's HTTP API.	
management.otlp.tracing.headers.*	Custom HTTP headers you want to pass to the collector, for example auth headers.	
management.otlp.tracing.timeout	Call timeout for the OTel Collector to process an exported batch of data. This timeout spans the entire call: resolving DNS, connecting, writing the request body, server processing, and reading the response body. If the call requires redirects or retries all must complete within one timeout period.	10s
management.prometheus.metrics.export.disable-scrape-payload	Whether to enable publishing descriptions as part of the scrape payload to Prometheus. Turn this off to minimize the amount of data sent on each scrape.	true
management.prometheus.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.prometheus.metrics.export.properties.*	Additional properties to pass to the Prometheus client.	
management.prometheus.metrics.export.pushgateway	Base URL for the Pushgateway.	http://localhost:9091
management.prometheus.metrics.export.pushgateway-enabled	Enable publishing over a Prometheus Pushgateway.	false
management.prometheus.metrics.export.pushgateway-grouping-key	Grouping key for the pushed metrics.	
management.prometheus.metrics.export.pushgateway-job-label	Job identifier for this application instance.	

management.prometheus.metrics.export.pushgateway.login-password	Login password of the Prometheus Pushgateway.	
management.prometheus.metrics.export.pushgateway.frequency	Frequency with which to push metrics.	1m
management.prometheus.metrics.export.pushgateway.operation	Operation that should be performed on shutdown.	none
management.prometheus.metrics.export.pushgateway.login-user	Login user of the Prometheus Pushgateway.	
management.prometheus.metrics.export.stepsize	Step size (i.e. reporting frequency) to use.	1m
management.server.add-application-context-header	Add the "X-Application-Context" HTTP header in each response.	false
management.server.address	Network address to which the management endpoints should bind. Requires a custom management.server.port.	
management.server.base-path	Management endpoint base path (for instance, '/management'). Requires a custom management.server.port.	
management.server.port	Management endpoint HTTP port (uses the same port as the application by default). Configure a different port to use management-specific SSL.	
management.server.ssl.bundle	The name of a configured SSL bundle.	
management.server.ssl.certificate	Path to a PEM-encoded SSL certificate file.	
management.server.ssl.certificate-private-key	Path to a PEM-encoded private key file for the SSL certificate.	
management.server.ssl.ciphers	Supported SSL ciphers.	
management.server.ssl.client-auth	Client authentication mode. Requires a trust store.	
management.server.ssl.enabled	Whether to enable SSL support.	true
management.server.ssl.enabled-protocols	Enabled SSL protocols.	
management.server.ssl.key-alias	Alias that identifies the key in the key store.	
management.server.ssl.key-password	Password used to access the key in the key store.	
management.server.ssl.key-store	Path to the key store that holds the SSL certificate (typically a jks file).	
management.server.ssl.key-store-password	Password used to access the key store.	
management.server.ssl.key-store-provider	Provider for the key store.	
management.server.ssl.key-store-type	Type of the key store.	
management.server.ssl.protocol	SSL protocol to use.	TLS
management.server.ssl.server-name-bundles	Mapping of host names to SSL bundles for SNI configuration.	
management.server.ssl.trust-certificate	Path to a PEM-encoded SSL certificate authority file.	
management.server.ssl.trust-certificate-private-key	Path to a PEM-encoded private key file for the SSL certificate authority.	
management.server.ssl.trust-store	Trust store that holds SSL certificates.	
management.server.ssl.trust-store-password	Password used to access the trust store.	
management.server.ssl.trust-store-provider	Provider for the trust store.	
management.server.ssl.trust-store-type	Type of the trust store.	
management.signalfx.metrics.export.access-token	SignalFx access token.	
management.signalfx.metrics.export.batchsize	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.signalfx.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.signalfx.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.signalfx.metrics.export.publish-type	Type of histogram to publish.	default
management.signalfx.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.signalfx.metrics.export.source	Uniquely identifies the app instance that is publishing metrics to SignalFx. Defaults to the local host name.	
management.signalfx.metrics.export.stepsize	Step size (i.e. reporting frequency) to use.	10s
management.signalfx.metrics.export.uri	URI to ship metrics to.	https://ingest.signalfx.com
management.simple.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.simple.metrics.export.mode	Counting mode.	cumulative
management.simple.metrics.export.stepsize	Step size (i.e. reporting frequency) to use.	1m
management.stackdriver.metrics.export.batchsize	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.stackdriver.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.stackdriver.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.stackdriver.metrics.export.metric-prefix	Prefix for metric type. Valid prefixes are described in the Google Cloud documentation (https://cloud.google.com/monitoring/custom-metrics#identifier).	custom.googleapis.com/
management.stackdriver.metrics.export.project-identifier	Identifier of the Google Cloud project to monitor.	
management.stackdriver.metrics.export.read-timeout	Read timeout for requests to this backend.	10s

management.stackdriver.metrics.export.resource-labels	Monitored resource labels.	
management.stackdriver.metrics.export.resource-type	Monitored resource type.	global
management.stackdriver.metrics.export.step-size	Step size (i.e. reporting frequency) to use.	1m
management.stackdriver.metrics.export.use-semantic-metric-types	Whether to use semantically correct metric types. When false, counter metrics are published as the GAUGE MetricKind. When true, counter metrics are published as the CUMULATIVE MetricKind.	false
management.statsd.metrics.export.buffered	Whether measurements should be buffered before sending to the StatsD server.	true
management.statsd.metrics.export.enabled	Whether exporting of metrics to StatsD is enabled.	true
management.statsd.metrics.export.flavor	StatsD line protocol to use.	datadog
management.statsd.metrics.export.host	Host of the StatsD server to receive exported metrics.	localhost
management.statsd.metrics.export.max-packet-length	Total length of a single payload should be kept within your network's MTU.	1400
management.statsd.metrics.export.polling-frequency	How often gauges will be polled. When a gauge is polled, its value is recalculated and if the value has changed (or publishUnchangedMeters is true), it is sent to the StatsD server.	10s
management.statsd.metrics.export.port	Port of the StatsD server to receive exported metrics.	8125
management.statsd.metrics.export.protocol	Protocol of the StatsD server to receive exported metrics.	udp
management.statsd.metrics.export.publish-unchanged-meters	Whether to send unchanged meters to the StatsD server.	true
management.statsd.metrics.export.step	Step size to use in computing windowed statistics like max. To get the most out of these statistics, align the step interval to be close to your scrape interval.	1m
management.tracing.baggage.correlation.enabled	Whether to enable correlation of the baggage context with logging contexts.	true
management.tracing.baggage.correlation.fields	List of fields that should be correlated with the logging context. That means that these fields would end up as key-value pairs in e.g. MDC.	
management.tracing.baggage.enabled	Whether to enable Micrometer Tracing baggage propagation.	true
management.tracing.baggage.local-fields	List of fields that should be accessible within the JVM process but not propagated over the wire. Local fields are not supported with OpenTelemetry.	
management.tracing.baggage.remote-fields	List of fields that are referenced the same in-process as it is on the wire. For example, the field "x-vcap-request-id" would be set as-is including the prefix.	
management.tracing.baggage.tag-fields	List of fields that should automatically become tags.	
management.tracing.brave.span-joining-supported	Whether the propagation type and tracing backend support sharing the span ID between client and server spans. Requires B3 propagation and a compatible backend.	false
management.tracing.enabled	Whether auto-configuration of tracing is enabled to export and propagate traces.	true
management.tracing.propagation.consume	Tracing context propagation types consumed by the application.	[W3C, B3, B3_MULTI]
management.tracing.propagation.produce	Tracing context propagation types produced by the application.	[W3C]
management.tracing.propagation.type	Tracing context propagation types produced and consumed by the application. Setting this property overrides the more fine-grained propagation type properties.	
management.tracing.sampling.probability	Probability in the range from 0.0 to 1.0 that a trace will be sampled.	0.1
management.wavefront.api-token	API token used when publishing metrics and traces directly to the Wavefront API host.	
management.wavefront.api-token-type	Type of the API token.	
management.wavefront.application.cluster-name	Wavefront Cluster name used in ApplicationTags.	
management.wavefront.application.custom-tags	Wavefront custom tags used in ApplicationTags.	
management.wavefront.application.name	Wavefront 'Application' name used in ApplicationTags.	unnamed_application
management.wavefront.application.service-name	Wavefront 'Service' name used in ApplicationTags, falling back to 'spring.application.name'. If both are unset it defaults to 'unnamed_service'.	
management.wavefront.application.shard-name	Wavefront Shard name used in ApplicationTags.	

management.wavefront.metrics.export.batch-size	Number of measurements per request to use for this backend. If more measurements are found, then multiple requests will be made.	10000
management.wavefront.metrics.export.connection-timeout	Connection timeout for requests to this backend.	1s
management.wavefront.metrics.export.enabled	Whether exporting of metrics to this backend is enabled.	true
management.wavefront.metrics.export.global-prefix	Global prefix to separate metrics originating from this app's instrumentation from those originating from other Wavefront integrations when viewed in the Wavefront UI.	
management.wavefront.metrics.export.read-timeout	Read timeout for requests to this backend.	10s
management.wavefront.metrics.export.report-day-distribution	Whether to report histogram distributions aggregated into day intervals.	false
management.wavefront.metrics.export.report-hour-distribution	Whether to report histogram distributions aggregated into hour intervals.	false
management.wavefront.metrics.export.report-minute-distribution	Whether to report histogram distributions aggregated into minute intervals.	true
management.wavefront.metrics.export.step	Step size (i.e. reporting frequency) to use.	1m
management.wavefront.sender.batch-size	Number of measurements per request to use for Wavefront. If more measurements are found, then multiple requests will be made.	10000
management.wavefront.sender.flush-interval	Flush interval to send queued messages.	1s
management.wavefront.sender.max-queue-size	Maximum size of queued messages.	50000
management.wavefront.sender.message-size	Maximum size of a message.	
management.wavefront.source	Unique identifier for the app instance that is the source of metrics and traces being published to Wavefront. Defaults to the local host name.	
management.wavefront.trace-derived-customized-span-tags	Customized span tags for RED metrics.	
management.wavefront.uri	URI to ship metrics and traces to.	https://longboard.wavefront.com
management.zipkin.tracing.connect-timeout	Connection timeout for requests to Zipkin.	1s
management.zipkin.tracing.encoding	How to encode the POST body to the Zipkin API.	[JSON]
management.zipkin.tracing.endpoint	URL to the Zipkin API.	http://localhost:9411/api/v2/spans
management.zipkin.tracing.read-timeout	Read timeout for requests to Zipkin.	10s

Devtools Properties

Name	Description	Default Value
spring.devtools.add-properties	Whether to enable development property defaults.	true
spring.devtools.livereload.enabled	Whether to enable a livereload.com-compatible server.	true
spring.devtools.livereload.port	Server port.	35729
spring.devtools.remote.context-path	Context path used to handle the remote connection.	/..~spring-boot!~
spring.devtools.remote.proxy.host	The host of the proxy to use to connect to the remote application.	
spring.devtools.remote.proxy.port	The port of the proxy to use to connect to the remote application.	
spring.devtools.remote.restart.enabled	Whether to enable remote restart.	true
spring.devtools.remote.secret	A shared secret required to establish a connection (required to enable remote support).	
spring.devtools.remote.secret-header-name	HTTP header used to transfer the shared secret.	X-AUTH-TOKEN
spring.devtools.restart.additional-exclude	Additional patterns that should be excluded from triggering a full restart.	
spring.devtools.restart.additional-paths	Additional paths to watch for changes.	
spring.devtools.restart.enabled	Whether to enable automatic restart.	true
spring.devtools.restart.exclude	Patterns that should be excluded from triggering a full restart.	META-INF/maven/**,META-INF/resources/**,resources/**
spring.devtools.restart.log-condition-evaluation-delta	Whether to log the condition evaluation delta upon restart.	true
spring.devtools.restart.poll-interval	Amount of time to wait between polling for classpath changes.	1s
spring.devtools.restart.quiet-period	Amount of quiet time required without any classpath changes before a restart is triggered.	400ms
spring.devtools.restart.trigger-file	Name of a specific file that, when changed, triggers the restart check. Must be a simple name (without any path) of a file that appears on your classpath. If not specified, any classpath file change triggers the restart.	

Docker Compose Properties

Name	Description	Default Value
spring.docker.compose.enabled	Whether docker compose support is enabled.	true
spring.docker.compose.file	Path to a specific docker compose configuration file.	
spring.docker.compose.host	Hostname or IP of the machine where the docker containers are started.	
spring.docker.compose.lifecycle-management	Docker compose lifecycle management.	start-and-stop
spring.docker.compose.profiles.active	Docker compose profiles that should be active.	
spring.docker.compose.readiness.tcp.connection.timeout	Timeout for connections.	200ms
spring.docker.compose.readiness.tcp.read.timeout	Timeout for reads.	200ms
spring.docker.compose.readiness.timeout	Timeout of the readiness checks.	2m
spring.docker.compose.readiness.wait	Wait strategy to use.	always
spring.docker.compose.skip.in-tests	Whether to skip in tests.	true
spring.docker.compose.start.command	Command used to start docker compose.	up
spring.docker.compose.start.log-level	Log level for output.	info
spring.docker.compose.start.skip	Whether to skip executing the start command.	if-running
spring.docker.compose.stop.command	Command used to stop docker compose.	stop
spring.docker.compose.stop.timeout	Timeout for stopping Docker Compose. Use '0' for forced stop.	10s

Testcontainers Properties

Name	Description	Default Value
spring.testcontainers.beans.startup	Testcontainers startup modes.	sequential

Testing Properties

Name	Description	Default Value
spring.test.database.replace	Type of existing DataSource to replace.	any
spring.test.mockmvc.print	MVC Print option.	default
spring.test.observability.auto-configure	Whether observability should be auto-configured in tests.	false
Alternative Single Jar Solutions Auto-configuration Classes		