

Appendix A. Common application properties

[Prev](#)
[Part X. Appendices](#)
[Next](#)

Appendix A. Common application properties

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



Property contributions can come from additional jar files on your classpath so you should not consider this an exhaustive list. It is also perfectly legit to define your own properties.



This sample file is meant as a guide only. Do **not** copy/paste the entire content into your application; rather pick only the properties that you need.

```
# =====
# COMMON SPRING BOOT PROPERTIES
#
# This sample file is provided as a guideline. Do NOT copy it in its
# entirety to your own application.      ^^^
# =====

# -----
# CORE PROPERTIES
# -----

# BANNER
banner.charset=UTF-8 # Banner file encoding.
banner.location=classpath:banner.txt # Banner file location.
banner.image.location=classpath:banner.gif # Banner image file location (jpg/png)
banner.image.width= # Width of the banner image in chars (default 76)
banner.image.height= # Height of the banner image in chars (default based on image)
banner.image.margin= # Left hand image margin in chars (default 2)
banner.image.invert= # If images should be inverted for dark terminal themes (default false)

# LOGGING
```



```
logging.exception-conversion-word=%wEx # Conversion word used when logging excepti
logging.file= # Log file name. For instance `myapp.Log`
logging.level.*= # Log Levels severity mapping. For instance `logging.level.org.s
logging.path= # Location of the log file. For instance `/var/log`
logging.pattern.console= # Appender pattern for output to the console. Only supp
logging.pattern.file= # Appender pattern for output to the file. Only supported w
logging.pattern.level= # Appender pattern for Log Level (default %5p). Only supp
logging.register-shutdown-hook=false # Register a shutdown hook for the logging s

# AOP
spring.aop.auto=true # Add @EnableAspectJAutoProxy.
spring.aop.proxy-target-class=false # Whether subclass-based (CGLIB) proxies are

# IDENTITY (ContextIdApplicationContextInitializer)
spring.application.index= # Application index.
spring.application.name= # Application name.

# ADMIN (SpringApplicationAdminJmxAutoConfiguration)
spring.application.admin.enabled=false # Enable admin features for the application
spring.application.admin.jmx-name=org.springframework.boot:type=Admin,name=Spring

# AUTO-CONFIGURATION
spring.autoconfigure.exclude= # Auto-configuration classes to exclude.

# SPRING CORE
spring.beaninfo.ignore=true # Skip search of BeanInfo classes.

# SPRING CACHE (CacheProperties)
spring.cache.cache-names= # Comma-separated list of cache names to create if supp
spring.cache.caffeine.spec= # The spec to use to create caches. Check CaffeineSpe
spring.cache.couchbase.expiration=0 # Entry expiration in milliseconds. By default
spring.cache.ehcache.config= # The location of the configuration file to use to in
spring.cache.guava.spec= # The spec to use to create caches. Check CacheBuilderSpe
spring.cache.hazelcast.config= # The location of the configuration file to use to
spring.cache.infinispan.config= # The location of the configuration file to use to
spring.cache.jcache.config= # The location of the configuration file to use to in
spring.cache.jcache.provider= # Fully qualified name of the CachingProvider imple
spring.cache.type= # Cache type, auto-detected according to the environment by de

# SPRING CONFIG - using environment property only (ConfigFileApplicationListener)
spring.config.location= # Config file locations.
spring.config.name=application # Config file name.

# HAZELCAST (HazelcastProperties)
spring.hazelcast.config= # The location of the configuration file to use to initi
```



```
# PROJECT INFORMATION (ProjectInfoProperties)
spring.info.build.location=classpath:META-INF/build-info.properties # Location of
spring.info.git.location=classpath:git.properties # Location of the generated git

# JMX
spring.jmx.default-domain= # JMX domain name.
spring.jmx.enabled=true # Expose management beans to the JMX domain.
spring.jmx.server=mbeanServer # MBeanServer bean name.

# Email (MailProperties)
spring.mail.default-encoding=UTF-8 # Default MimeMessage encoding.
spring.mail.host= # SMTP server host. For instance `smtp.example.com`
spring.mail.jndi-name= # Session JNDI name. When set, takes precedence to others
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=smtp # Protocol used by the SMTP server.
spring.mail.test-connection=false # Test that the mail server is available on start
spring.mail.username= # Login user of the SMTP server.

# APPLICATION SETTINGS (SpringApplication)
spring.main.banner-mode=console # Mode used to display the banner when the applic
spring.main.sources= # Sources (class name, package name or XML resource location)
spring.main.web-environment= # Run the application in a web environment (auto-det

# FILE ENCODING (FileEncodingApplicationListener)
spring.mandatory-file-encoding= # Expected character encoding the application must

# INTERNATIONALIZATION (MessageSourceAutoConfiguration)
spring.messages.always-use-message-format=false # Set whether to always apply the
spring.messages.basename=messages # Comma-separated list of basenames, each follow
spring.messages.cache-seconds=-1 # Loaded resource bundle files cache expiration,
spring.messages.encoding=UTF-8 # Message bundles encoding.
spring.messages.fallback-to-system-locale=true # Set whether to fall back to the

# OUTPUT
spring.output.ansi.enabled=detect # Configure the ANSI output (can be "detect", "

# PID FILE (ApplicationPidFileWriter)
spring.pid.fail-on-write-error= # Fail if ApplicationPidFileWriter is used but it
spring.pid.file= # Location of the PID file to write (if ApplicationPidFileWriter

# PROFILES
spring.profiles.active= # Comma-separated list of active profiles.
spring.profiles.include= # Unconditionally activate the specified comma separated
```



```
# SENDGRID (SendGridAutoConfiguration)
spring.sendgrid.api-key= # SendGrid api key (alternative to username/password)
spring.sendgrid.username= # SendGrid account username
spring.sendgrid.password= # SendGrid account password
spring.sendgrid.proxy.host= # SendGrid proxy host
spring.sendgrid.proxy.port= # SendGrid proxy port

# -----
# WEB PROPERTIES
# -----

# EMBEDDED SERVER CONFIGURATION (ServerProperties)
server.address= # Network address to which the server should bind to.
server.compression.enabled=false # If response compression is enabled.
server.compression.excluded-user-agents= # List of user-agents to exclude from compression.
server.compression.mime-types= # Comma-separated list of MIME types that should be compressed.
server.compression.min-response-size= # Minimum response size that is required for compression.
server.connection-timeout= # Time in milliseconds that connectors will wait for a connection.
server.context-parameters.*= # Servlet context init parameters. For instance `server.context-path`
server.context-path= # Context path of the application.
server.display-name=application # Display name of the application.
server.max-http-header-size=0 # Maximum size in bytes of the HTTP message header.
server.max-http-post-size=0 # Maximum size in bytes of the HTTP post content.
server.error.include-stacktrace=never # When to include a "stacktrace" attribute.
server.error.path=/error # Path of the error controller.
server.error.whitelabel.enabled=true # Enable the default error page displayed in production.
server.jetty.acceptors= # Number of acceptor threads to use.
server.jetty.selectors= # Number of selector threads to use.
server.jsp-servlet.class-name=org.apache.jasper.servlet.JspServlet # The class name of the JSP servlet.
server.jsp-servlet.init-parameters.*= # Init parameters used to configure the JSP servlet.
server.jsp-servlet.registered=true # Whether or not the JSP servlet is registered.
server.port=8080 # Server HTTP port.
server.server-header= # Value to use for the Server response header (no header is sent by default).
server.servlet-path=/ # Path of the main dispatcher servlet.
server.use-forward-headers= # If X-Forwarded-* headers should be applied to the HTTP request.
server.session.cookie.comment= # Comment for the session cookie.
server.session.cookie.domain= # Domain for the session cookie.
server.session.cookie.http-only= # "HttpOnly" flag for the session cookie.
server.session.cookie.max-age= # Maximum age of the session cookie in seconds.
server.session.cookie.name= # Session cookie name.
server.session.cookie.path= # Path of the session cookie.
server.session.cookie.secure= # "Secure" flag for the session cookie.
server.session.persistent=false # Persist session data between restarts.
server.session.store-dir= # Directory used to store session data.
```



```

server.session.tracking-modes= # Session tracking modes (one or more of the follow
server.ssl.ciphers= # Supported SSL ciphers.
server.ssl.client-auth= # Whether client authentication is wanted ("want") or need
server.ssl.enabled= # Enable SSL support.
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 (typ
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=TLS # SSL protocol to use.
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.accesslog.directory=logs # Directory in which log files are created
server.tomcat.accesslog.enabled=false # Enable access log.
server.tomcat.accesslog.pattern=common # Format pattern for access logs.
server.tomcat.accesslog.prefix=access_log # Log file name prefix.
server.tomcat.accesslog.rename-on-rotate=false # Defer inclusion of the date stamp
server.tomcat.accesslog.suffix=.log # Log file name suffix.
server.tomcat.background-processor-delay=30 # Delay in seconds between the invoca
server.tomcat.basedir= # Tomcat base directory. If not specified a temporary dire
server.tomcat.internal-proxies=10\\.\d{1,3}\\.\d{1,3}\\.\d{1,3}|\\
    192\\.\168\\.\d{1,3}\\.\d{1,3}|\\
    169\\.\254\\.\d{1,3}\\.\d{1,3}|\\
    127\\.\d{1,3}\\.\d{1,3}\\.\d{1,3}|\\
    172\\.\1[6-9]{1}\\.\d{1,3}\\.\d{1,3}|\\
    172\\.\2[0-9]{1}\\.\d{1,3}\\.\d{1,3}|\\
    172\\.\3[0-1]{1}\\.\d{1,3}\\.\d{1,3} # regular expression matching trust
server.tomcat.max-threads=0 # Maximum amount of worker threads.
server.tomcat.min-spare-threads=0 # Minimum amount of worker threads.
server.tomcat.port-header=X-Forwarded-Port # Name of the HTTP header used to over
server.tomcat.protocol-header= # Header that holds the incoming protocol, usually
server.tomcat.protocol-header-https-value=https # Value of the protocol header th
server.tomcat.redirect-context-root= # Whether requests to the context root shoul
server.tomcat.remote-ip-header= # Name of the http header from which the remote ip
server.tomcat.uri-encoding=UTF-8 # Character encoding to use to decode the URI.
server.undertow.accesslog.dir= # Undertow access log directory.
server.undertow.accesslog.enabled=false # Enable access log.
server.undertow.accesslog.pattern=common # Format pattern for access logs.
server.undertow.buffer-size= # Size of each buffer in bytes.
server.undertow.buffer-per-region= # Number of buffer per region.
server.undertow.direct-buffers= # Allocate buffers outside the Java heap.

```




`server.undertow.worker-threads=` *# Number of worker threads.*

`# FREEMARKER` (FreeMarkerAutoConfiguration)

`spring.freemarker.allow-request-override=false` *# Set whether HttpServletRequest attribute*
`spring.freemarker.allow-session-override=false` *# Set whether HttpSession attribute*
`spring.freemarker.cache=false` *# Enable template caching.*
`spring.freemarker.charset=UTF-8` *# Template encoding.*
`spring.freemarker.check-template-location=true` *# Check that the templates location*
`spring.freemarker.content-type=text/html` *# Content-Type value.*
`spring.freemarker.enabled=true` *# Enable MVC view resolution for this technology.*
`spring.freemarker.expose-request-attributes=false` *# Set whether all request attributes*
`spring.freemarker.expose-session-attributes=false` *# Set whether all HttpSession attributes*
`spring.freemarker.expose-spring-macro-helpers=true` *# Set whether to expose a Request*
`spring.freemarker.prefer-file-system-access=true` *# Prefer file system access for*
`spring.freemarker.prefix=` *# Prefix that gets prepended to view names when building*
`spring.freemarker.request-context-attribute=` *# Name of the RequestContext attribute*
`spring.freemarker.settings.*=` *# Well-known FreeMarker keys which will be passed to*
`spring.freemarker.suffix=` *# Suffix that gets appended to view names when building*
`spring.freemarker.template-loader-path=classpath:/templates/` *# Comma-separated list*
`spring.freemarker.view-names=` *# White list of view names that can be resolved.*

`# GROOVY TEMPLATES` (GroovyTemplateAutoConfiguration)

`spring.groovy.template.allow-request-override=false` *# Set whether HttpServletRequest attribute*
`spring.groovy.template.allow-session-override=false` *# Set whether HttpSession attribute*
`spring.groovy.template.cache=` *# Enable template caching.*
`spring.groovy.template.charset=UTF-8` *# Template encoding.*
`spring.groovy.template.check-template-location=true` *# Check that the templates location*
`spring.groovy.template.configuration.*=` *# See GroovyMarkupConfigurer*
`spring.groovy.template.content-type=test/html` *# Content-Type value.*
`spring.groovy.template.enabled=true` *# Enable MVC view resolution for this technology.*
`spring.groovy.template.expose-request-attributes=false` *# Set whether all request attributes*
`spring.groovy.template.expose-session-attributes=false` *# Set whether all HttpSession attributes*
`spring.groovy.template.expose-spring-macro-helpers=true` *# Set whether to expose a*
`spring.groovy.template.prefix=` *# Prefix that gets prepended to view names when building*
`spring.groovy.template.request-context-attribute=` *# Name of the RequestContext attribute*
`spring.groovy.template.resource-loader-path=classpath:/templates/` *# Template path*
`spring.groovy.template.suffix=.tpl` *# Suffix that gets appended to view names when*
`spring.groovy.template.view-names=` *# White list of view names that can be resolved*

`# SPRING HATEOAS` (HateoasProperties)

`spring.hateoas.use-hal-as-default-json-media-type=true` *# Specify if application/hal*

`# HTTP message conversion`

`spring.http.converters.preferred-json-mapper=jackson` *# Preferred JSON mapper to use*



```
spring.http.encoding.charset=UTF-8 # Charset of HTTP requests and responses. Added
spring.http.encoding.enabled=true # Enable http encoding support.
spring.http.encoding.force= # Force the encoding to the configured charset on HTTP
spring.http.encoding.force-request= # Force the encoding to the configured charset
spring.http.encoding.force-response= # Force the encoding to the configured charset
```

MULTIPART (MultipartProperties)

```
spring.http.multipart.enabled=true # Enable support of multi-part uploads.
spring.http.multipart.file-size-threshold=0 # Threshold after which files will be
spring.http.multipart.location= # Intermediate location of uploaded files.
spring.http.multipart.max-file-size=1Mb # Max file size. Values can use the suffix
spring.http.multipart.max-request-size=10Mb # Max request size. Values can use the
```

JACKSON (JacksonProperties)

```
spring.jackson.date-format= # Date format string or a fully-qualified date format
spring.jackson.default-property-inclusion= # Controls the inclusion of properties
spring.jackson.deserialization.*= # Jackson on/off features that affect the way J
spring.jackson.generator.*= # Jackson on/off features for generators.
spring.jackson.joda-date-time-format= # Joda date time format string. If not confi
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 Prop
spring.jackson.serialization.*= # Jackson on/off features that affect the way Jav
spring.jackson.serialization-inclusion= # Controls the inclusion of properties du
spring.jackson.time-zone= # Time zone used when formatting dates. For instance `A
```

JERSEY (JerseyProperties)

```
spring.jersey.application-path= # Path that serves as the base URI for the applic
spring.jersey.filter.order=0 # Jersey filter chain order.
spring.jersey.init.*= # Init parameters to pass to Jersey via the servlet or filt
spring.jersey.servlet.load-on-startup=-1 # Load on startup priority of the Jersey
spring.jersey.type=servlet # Jersey integration type. Can be either "servlet" or
```

SPRING MOBILE DEVICE VIEWS (DeviceDelegatingViewResolverAutoConfiguration)

```
spring.mobile.devicedelegatingviewresolver.enable-fallback=false # Enable support
spring.mobile.devicedelegatingviewresolver.enabled=false # Enable device view res
spring.mobile.devicedelegatingviewresolver.mobile-prefix=mobile/ # Prefix that ge
spring.mobile.devicedelegatingviewresolver.mobile-suffix= # Suffix that gets appe
spring.mobile.devicedelegatingviewresolver.normal-prefix= # Prefix that gets prep
spring.mobile.devicedelegatingviewresolver.normal-suffix= # Suffix that gets appe
spring.mobile.devicedelegatingviewresolver.tablet-prefix=tablet/ # Prefix that ge
spring.mobile.devicedelegatingviewresolver.tablet-suffix= # Suffix that gets appe
```

SPRING MOBILE SITE PREFERENCE (SitePreferenceAutoConfiguration)



MUSTACHE TEMPLATES (MustacheAutoConfiguration)

```
spring.mustache.allow-request-override= # Set whether HttpServletRequest attributes are exposed
spring.mustache.allow-session-override= # Set whether HttpSession attributes are exposed
spring.mustache.cache= # Enable template caching.
spring.mustache.charset= # Template encoding.
spring.mustache.check-template-location= # Check that the templates location exists
spring.mustache.content-type= # Content-Type value.
spring.mustache.enabled= # Enable MVC view resolution for this technology.
spring.mustache.expose-request-attributes= # Set whether all request attributes should be exposed
spring.mustache.expose-session-attributes= # Set whether all HttpSession attributes should be exposed
spring.mustache.expose-spring-macro-helpers= # Set whether to expose a RequestContext
spring.mustache.prefix=classpath:/templates/ # Prefix to apply to template names.
spring.mustache.request-context-attribute= # Name of the RequestContext attribute
spring.mustache.suffix=.html # Suffix to apply to template names.
spring.mustache.view-names= # White list of view names that can be resolved.
```

SPRING MVC (WebMvcProperties)

```
spring.mvc.async.request-timeout= # Amount of time (in milliseconds) before async request times out
spring.mvc.date-format= # Date format to use. For instance `dd/MM/yyyy`.
spring.mvc.dispatch-trace-request=false # Dispatch TRACE requests to the Framework
spring.mvc.dispatch-options-request=true # Dispatch OPTIONS requests to the Framework
spring.mvc.favicon.enabled=true # Enable resolution of favicon.ico.
spring.mvc.ignore-default-model-on-redirect=true # If the content of the "default" model should be ignored
spring.mvc.locale= # Locale to use. By default, this locale is overridden by the Accept-Header
spring.mvc.locale-resolver=accept-header # Define how the locale should be resolved
spring.mvc.log-resolved-exception=false # Enable warn logging of exceptions resolved
spring.mvc.media-types.*= # Maps file extensions to media types for content negotiation
spring.mvc.message-codes-resolver-format= # Formatting strategy for message codes
spring.mvc.servlet.load-on-startup=-1 # Load on startup priority of the Spring Web
spring.mvc.static-path-pattern=/** # Path pattern used for static resources.
spring.mvc.throw-exception-if-no-handler-found=false # If a "NoHandlerFoundException" should be thrown
spring.mvc.view.prefix= # Spring MVC view prefix.
spring.mvc.view.suffix= # Spring MVC view suffix.
```

SPRING RESOURCES HANDLING (ResourceProperties)

```
spring.resources.add-mappings=true # Enable default resource handling.
spring.resources.cache-period= # Cache period for the resources served by the resource handler
spring.resources.chain.cache=true # Enable caching in the Resource chain.
spring.resources.chain.enabled= # Enable the Spring Resource Handling chain. Disabled by default
spring.resources.chain.gziped=false # Enable resolution of already gzipped resources
spring.resources.chain.html-application-cache=false # Enable HTML5 application cache
spring.resources.chain.strategy.content.enabled=false # Enable the content Versioning Strategy
spring.resources.chain.strategy.content.paths=/** # Comma-separated list of patterns
spring.resources.chain.strategy.fixed.enabled=false # Enable the fixed Versioning Strategy
```




```
spring.resources.chain.strategy.fixed.version= # Version string to use for the Velocity
spring.resources.static-locations=classpath:/META-INF/resources/,classpath:/resources/

# SPRING SESSION (SessionProperties)
spring.session.hazelcast.map-name=spring:session:sessions # Name of the map used
spring.session.jdbc.initializer.enabled=true # Create the required session tables
spring.session.jdbc.schema=classpath:org/springframework/session/jdbc/schema-@@platform
spring.session.jdbc.table-name=SPRING_SESSION # Name of database table used to store
spring.session.mongo.collection-name=sessions # Collection name used to store sessions
spring.session.redis.flush-mode= # Flush mode for the Redis sessions.
spring.session.redis.namespace= # Namespace for keys used to store sessions.
spring.session.store-type= # Session store type.

# SPRING SOCIAL (SocialWebAutoConfiguration)
spring.social.auto-connection-views=false # Enable the connection status view for

# SPRING SOCIAL FACEBOOK (FacebookAutoConfiguration)
spring.social.facebook.app-id= # your application's Facebook App ID
spring.social.facebook.app-secret= # your application's Facebook App Secret

# SPRING SOCIAL LINKEDIN (LinkedInAutoConfiguration)
spring.social.linkedin.app-id= # your application's LinkedIn App ID
spring.social.linkedin.app-secret= # your application's LinkedIn App Secret

# SPRING SOCIAL TWITTER (TwitterAutoConfiguration)
spring.social.twitter.app-id= # your application's Twitter App ID
spring.social.twitter.app-secret= # your application's Twitter App Secret

# THYMELEAF (ThymeleafAutoConfiguration)
spring.thymeleaf.cache=true # Enable template caching.
spring.thymeleaf.check-template-location=true # Check that the templates location
spring.thymeleaf.content-type=text/html # Content-Type value.
spring.thymeleaf.enabled=true # Enable MVC Thymeleaf view resolution.
spring.thymeleaf.encoding=UTF-8 # Template encoding.
spring.thymeleaf.excluded-view-names= # Comma-separated list of view names that should
spring.thymeleaf.mode=HTML5 # Template mode to be applied to templates. See also
spring.thymeleaf.prefix=classpath:/templates/ # Prefix that gets prepended to view
spring.thymeleaf.suffix=.html # Suffix that gets appended to view names when building
spring.thymeleaf.template-resolver-order= # Order of the template resolver in the
spring.thymeleaf.view-names= # Comma-separated list of view names that can be resolved

# VELOCITY TEMPLATES (VelocityAutoConfiguration)
spring.velocity.allow-request-override=false # Set whether HttpServletRequest attributes
spring.velocity.allow-session-override=false # Set whether HttpSession attributes
spring.velocity.cache= # Enable template caching.
```



```

spring.velocity.check-template-location=true # Check that the templates location
spring.velocity.content-type=text/html # Content-Type value.
spring.velocity.date-tool-attribute= # Name of the DateTool helper object to expo
spring.velocity.enabled=true # Enable MVC view resolution for this technology.
spring.velocity.expose-request-attributes=false # Set whether all request attribut
spring.velocity.expose-session-attributes=false # Set whether all HttpSession att
spring.velocity.expose-spring-macro-helpers=true # Set whether to expose a Request
spring.velocity.number-tool-attribute= # Name of the NumberTool helper object to
spring.velocity.prefer-file-system-access=true # Prefer file system access for te
spring.velocity.prefix= # Prefix that gets prepended to view names when building
spring.velocity.properties.*= # Additional velocity properties.
spring.velocity.request-context-attribute= # Name of the RequestContext attribute
spring.velocity.resource-loader-path=classpath:/templates/ # Template path.
spring.velocity.suffix=.vm # Suffix that gets appended to view names when building
spring.velocity.toolbox-config-location= # Velocity Toolbox config location. For
spring.velocity.view-names= # White list of view names that can be resolved.

```

```

# SPRING WEB SERVICES (WebServicesProperties)

```

```

spring.webservices.path=/services # Path that serves as the base URI for the serv
spring.webservices.servlet.init= # Servlet init parameters to pass to Spring Web
spring.webservices.servlet.load-on-startup=-1 # Load on startup priority of the S

```

```

# -----

```

```

# SECURITY PROPERTIES

```

```

# -----

```

```

# SECURITY (SecurityProperties)

```

```

security.basic.authorize-mode=role # Security authorize mode to apply.
security.basic.enabled=true # Enable basic authentication.
security.basic.path=/** # Comma-separated list of paths to secure.
security.basic.realm=Spring # HTTP basic realm name.
security.enable-csrf=false # Enable Cross Site Request Forgery support.
security.filter-order=0 # Security filter chain order.
security.filter-dispatcher-types=ASYNC, FORWARD, INCLUDE, REQUEST # Security filt
security.headers.cache=true # Enable cache control HTTP headers.
security.headers.content-type=true # Enable "X-Content-Type-Options" header.
security.headers.frame=true # Enable "X-Frame-Options" header.
security.headers.hsts= # HTTP Strict Transport Security (HSTS) mode (none, domain
security.headers.xss=true # Enable cross site scripting (XSS) protection.
security.ignored= # Comma-separated list of paths to exclude from the default sec
security.require-ssl=false # Enable secure channel for all requests.
security.sessions=stateless # Session creation policy (always, never, if_required
security.user.name=user # Default user name.
security.user.password= # Password for the default user name. A random password i

```



```
# SECURITY OAUTH2 CLIENT (OAuth2ClientProperties
security.oauth2.client.client-id= # OAuth2 client id.
security.oauth2.client.client-secret= # OAuth2 client secret. A random secret is g

# SECURITY OAUTH2 RESOURCES (ResourceServerProperties
security.oauth2.resource.id= # Identifier of the resource.
security.oauth2.resource.jwt.key-uri= # The URI of the JWT token. Can be set if t
security.oauth2.resource.jwt.key-value= # The verification key of the JWT token.
security.oauth2.resource.prefer-token-info=true # Use the token info, can be set
security.oauth2.resource.service-id=resource #
security.oauth2.resource.token-info-uri= # URI of the token decoding endpoint.
security.oauth2.resource.token-type= # The token type to send when using the user
security.oauth2.resource.user-info-uri= # URI of the user endpoint.

# SECURITY OAUTH2 SSO (OAuth2SsoProperties
security.oauth2.sso.filter-order= # Filter order to apply if not providing an exp
security.oauth2.sso.login-path=/login # Path to the login page, i.e. the one that

# -----
# DATA PROPERTIES
# -----

# FLYWAY (FlywayProperties)
flyway.baseline-description= #
flyway.baseline-version=1 # version to start migration
flyway.baseline-on-migrate= #
flyway.check-location=false # Check that migration scripts location exists.
flyway.clean-on-validation-error= #
flyway.enabled=true # Enable flyway.
flyway.encoding= #
flyway.ignore-failed-future-migration= #
flyway.init-sqls= # SQL statements to execute to initialize a connection immediat
flyway.locations=classpath:db/migration # locations of migrations scripts
flyway.out-of-order= #
flyway.password= # JDBC password if you want Flyway to create its own DataSource
flyway.placeholder-prefix= #
flyway.placeholder-replacement= #
flyway.placeholder-suffix= #
flyway.placeholders.*= #
flyway.schemas= # schemas to update
flyway.sql-migration-prefix=V #
flyway.sql-migration-separator= #
flyway.sql-migration-suffix=.sql #
```



```
flyway.url= # JDBC url of the database to migrate. If not set, the primary config
flyway.user= # Login user of the database to migrate.
flyway.validate-on-migrate= #
```

LIQUIBASE (LiquibaseProperties)

```
liquibase.change-log=classpath:/db/changelog/db.changelog-master.yaml # Change Log
liquibase.check-change-log-location=true # Check the change log location exists.
liquibase.contexts= # Comma-separated list of runtime contexts to use.
liquibase.default-schema= # Default database schema.
liquibase.drop-first=false # Drop the database schema first.
liquibase.enabled=true # Enable liquibase support.
liquibase.labels= # Comma-separated list of runtime labels to use.
liquibase.parameters.*= # Change log parameters.
liquibase.password= # Login password of the database to migrate.
liquibase.rollback-file= # File to which rollback SQL will be written when an update
liquibase.url= # JDBC url of the database to migrate. If not set, the primary config
liquibase.user= # Login user of the database to migrate.
```

COUCHBASE (CouchbaseProperties)

```
spring.couchbase.bootstrap-hosts= # Couchbase nodes (host or IP address) to bootstrap
spring.couchbase.bucket.name=default # Name of the bucket to connect to.
spring.couchbase.bucket.password= # Password of the bucket.
spring.couchbase.env.endpoints.key-value=1 # Number of sockets per node against the
spring.couchbase.env.endpoints.query=1 # Number of sockets per node against the Query
spring.couchbase.env.endpoints.view=1 # Number of sockets per node against the view
spring.couchbase.env.ssl.enabled= # Enable SSL support. Enabled automatically if
spring.couchbase.env.ssl.key-store= # Path to the JVM key store that holds the certificates
spring.couchbase.env.ssl.key-store-password= # Password used to access the key store
spring.couchbase.env.timeouts.connect=5000 # Bucket connections timeout in milliseconds
spring.couchbase.env.timeouts.key-value=2500 # Blocking operations performed on a
spring.couchbase.env.timeouts.query=7500 # N1QL query operations timeout in milliseconds
spring.couchbase.env.timeouts.socket-connect=1000 # Socket connect connections timeout
spring.couchbase.env.timeouts.view=7500 # Regular and geospatial view operations
```

DAO (PersistenceExceptionTranslationAutoConfiguration)

```
spring.dao.exceptiontranslation.enabled=true # Enable the PersistenceExceptionTranslation
```

CASSANDRA (CassandraProperties)

```
spring.data.cassandra.cluster-name= # Name of the Cassandra cluster.
spring.data.cassandra.compression= # Compression supported by the Cassandra binary
spring.data.cassandra.connect-timeout-millis= # Socket option: connection timeout
spring.data.cassandra.consistency-level= # Queries consistency level.
spring.data.cassandra.contact-points=localhost # Comma-separated list of cluster nodes
spring.data.cassandra.fetch-size= # Queries default fetch size.
spring.data.cassandra.keyspace-name= # Keyspace name to use.
```



```
spring.data.cassandra.port= # Port of the Cassandra server.
spring.data.cassandra.password= # Login password of the server.
spring.data.cassandra.read-timeout-millis= # Socket option: read time out.
spring.data.cassandra.reconnection-policy= # Reconnection policy class.
spring.data.cassandra.retry-policy= # Class name of the retry policy.
spring.data.cassandra.serial-consistency-level= # Queries serial consistency level.
spring.data.cassandra.schema-action=none # Schema action to take at startup.
spring.data.cassandra.ssl=false # Enable SSL support.
spring.data.cassandra.username= # Login user of the server.

# DATA COUCHBASE (CouchbaseDataProperties)
spring.data.couchbase.auto-index=false # Automatically create views and indexes.
spring.data.couchbase.consistency=read-your-own-writes # Consistency to apply by default.
spring.data.couchbase.repositories.enabled=true # Enable Couchbase repositories.

# ELASTICSEARCH (ElasticsearchProperties)
spring.data.elasticsearch.cluster-name=elasticsearch # Elasticsearch cluster name
spring.data.elasticsearch.cluster-nodes= # Comma-separated list of cluster node addresses
spring.data.elasticsearch.properties.*= # Additional properties used to configure Elasticsearch
spring.data.elasticsearch.repositories.enabled=true # Enable Elasticsearch repositories

# MONGODB (MongoProperties)
spring.data.mongodb.authentication-database= # Authentication database name.
spring.data.mongodb.database=test # Database name.
spring.data.mongodb.field-naming-strategy= # Fully qualified name of the FieldNamingStrategy
spring.data.mongodb.grid-fs-database= # GridFS database name.
spring.data.mongodb.host=localhost # Mongo server host.
spring.data.mongodb.password= # Login password of the mongo server.
spring.data.mongodb.port=27017 # Mongo server port.
spring.data.mongodb.repositories.enabled=true # Enable Mongo repositories.
spring.data.mongodb.uri=mongodb://localhost/test # Mongo database URI. When set, other properties are ignored.
spring.data.mongodb.username= # Login user of the mongo server.

# DATA REDIS
spring.data.redis.repositories.enabled=true # Enable Redis repositories.

# NEO4J (Neo4jProperties)
spring.data.neo4j.compiler= # Compiler to use.
spring.data.neo4j.embedded.enabled=true # Enable embedded mode if the embedded driver is present.
spring.data.neo4j.password= # Login password of the server.
spring.data.neo4j.repositories.enabled=true # Enable Neo4j repositories.
spring.data.neo4j.session.scope=singleton # Scope (Lifetime) of the session.
spring.data.neo4j.uri= # URI used by the driver. Auto-detected by default.
spring.data.neo4j.username= # Login user of the server.
```




```
spring.data.rest.base-path= # Base path to be used by Spring Data REST to expose
spring.data.rest.default-page-size= # Default size of pages.
spring.data.rest.enable-enum-translation= # Enable enum value translation via the
spring.data.rest.limit-param-name= # Name of the URL query string parameter that
spring.data.rest.max-page-size= # Maximum size of pages.
spring.data.rest.page-param-name= # Name of the URL query string parameter that i
spring.data.rest.return-body-on-create= # Return a response body after creating a
spring.data.rest.return-body-on-update= # Return a response body after updating a
spring.data.rest.sort-param-name= # Name of the URL query string parameter that i
```

SOLR (SolrProperties)

```
spring.data.solr.host=http://127.0.0.1:8983/solr # Solr host. Ignored if "zk-host
spring.data.solr.repositories.enabled=true # Enable Solr repositories.
spring.data.solr.zk-host= # ZooKeeper host address in the form HOST:PORT.
```

DATASOURCE (DataSourceAutoConfiguration & DataSourceProperties)

```
spring.datasource.continue-on-error=false # Do not stop if an error occurs while
spring.datasource.data= # Data (DML) script resource reference.
spring.datasource.data-username= # User of the database to execute DML scripts (i
spring.datasource.data-password= # Password of the database to execute DML scrip
spring.datasource.dbcp.*= # Commons DBCP specific settings
spring.datasource.dbcp2.*= # Commons DBCP2 specific settings
spring.datasource.driver-class-name= # Fully qualified name of the JDBC driver. A
spring.datasource.hikari.*= # Hikari specific settings
spring.datasource.initialize=true # Populate the database using 'data.sql'.
spring.datasource.jmx-enabled=false # Enable JMX support (if provided by the unde
spring.datasource.jndi-name= # JNDI location of the datasource. Class, url, usern
spring.datasource.name=testdb # Name of the datasource.
spring.datasource.password= # Login password of the database.
spring.datasource.platform=all # Platform to use in the schema resource (schema-
spring.datasource.schema= # Schema (DDL) script resource reference.
spring.datasource.schema-username= # User of the database to execute DDL scripts
spring.datasource.schema-password= # Password of the database to execute DDL scri
spring.datasource.separator=; # Statement separator in SQL initialization scripts
spring.datasource.sql-script-encoding= # SQL scripts encoding.
spring.datasource.tomcat.*= # Tomcat datasource specific settings
spring.datasource.type= # Fully qualified name of the connection pool implementat
spring.datasource.url= # JDBC url of the database.
spring.datasource.username=
```

JEST (Elasticsearch HTTP client) (JestProperties)

```
spring.elasticsearch.jest.connection-timeout=3000 # Connection timeout in millise
spring.elasticsearch.jest.password= # Login password.
spring.elasticsearch.jest.proxy.host= # Proxy host the HTTP client should use.
spring.elasticsearch.jest.proxy.port= # Proxy port the HTTP client should use.
```



```
spring.elasticsearch.jest.uris=http://localhost:9200 # Comma-separated list of the
spring.elasticsearch.jest.username= # Login user.

# H2 Web Console (H2ConsoleProperties)
spring.h2.console.enabled=false # Enable the console.
spring.h2.console.path=/h2-console # Path at which the console will be available.
spring.h2.console.settings.trace=false # Enable trace output.
spring.h2.console.settings.web-allow-others=false # Enable remote access.

# JOOQ (JooqAutoConfiguration)
spring.jooq.sql-dialect= # SQLDialect JOOQ used when communicating with the config

# JPA (JpaBaseConfiguration, HibernateJpaAutoConfiguration)
spring.data.jpa.repositories.enabled=true # Enable JPA repositories.
spring.jpa.database= # Target database to operate on, auto-detected by default. Co
spring.jpa.database-platform= # Name of the target database to operate on, auto-d
spring.jpa.generate-ddl=false # Initialize the schema on startup.
spring.jpa.hibernate.ddl-auto= # DDL mode. This is actually a shortcut for the "h
spring.jpa.hibernate.naming.implicit-strategy= # Hibernate 5 implicit naming stra
spring.jpa.hibernate.naming.physical-strategy= # Hibernate 5 physical naming stra
spring.jpa.hibernate.naming.strategy= # Hibernate 4 naming strategy fully qualifi
spring.jpa.hibernate.use-new-id-generator-mappings= # Use Hibernate's newer Ident
spring.jpa.open-in-view=true # Register OpenEntityManagerInViewInterceptor. Binds
spring.jpa.properties.*= # Additional native properties to set on the JPA provide
spring.jpa.show-sql=false # Enable logging of SQL statements.

# JTA (JtaAutoConfiguration)
spring.jta.enabled=true # Enable JTA support.
spring.jta.log-dir= # Transaction logs directory.
spring.jta.transaction-manager-id= # Transaction manager unique identifier.

# ATOMIKOS (AtomikosProperties)
spring.jta.atomikos.connectionfactory.borrow-connection-timeout=30 # Timeout, in s
spring.jta.atomikos.connectionfactory.ignore-session-transacted-flag=true # Wheth
spring.jta.atomikos.connectionfactory.local-transaction-mode=false # Whether or n
spring.jta.atomikos.connectionfactory.maintenance-interval=60 # The time, in seco
spring.jta.atomikos.connectionfactory.max-idle-time=60 # The time, in seconds, af
spring.jta.atomikos.connectionfactory.max-lifetime=0 # The time, in seconds, that
spring.jta.atomikos.connectionfactory.max-pool-size=1 # The maximum size of the p
spring.jta.atomikos.connectionfactory.min-pool-size=1 # The minimum size of the p
spring.jta.atomikos.connectionfactory.reap-timeout=0 # The reap timeout, in secon
spring.jta.atomikos.connectionfactory.unique-resource-name=jmsConnectionFactory #
spring.jta.atomikos.datasource.borrow-connection-timeout=30 # Timeout, in seconds.
spring.jta.atomikos.datasource.default-isolation-level= # Default isolation level
spring.jta.atomikos.datasource.login-timeout= # Timeout, in seconds, for establis
```



```

spring.jta.atomikos.datasource.max-idle-time=60 # The time, in seconds, after whi
spring.jta.atomikos.datasource.max-lifetime=0 # The time, in seconds, that a conn
spring.jta.atomikos.datasource.max-pool-size=1 # The maximum size of the pool.
spring.jta.atomikos.datasource.min-pool-size=1 # The minimum size of the pool.
spring.jta.atomikos.datasource.reap-timeout=0 # The reap timeout, in seconds, for
spring.jta.atomikos.datasource.test-query= # SQL query or statement used to valid
spring.jta.atomikos.datasource.unique-resource-name=dataSource # The unique name
spring.jta.atomikos.properties.checkpoint-interval=500 # Interval between checkpo
spring.jta.atomikos.properties.console-file-count=1 # Number of debug logs files
spring.jta.atomikos.properties.console-file-limit=-1 # How many bytes can be stor
spring.jta.atomikos.properties.console-file-name=tm.out # Debug logs file name.
spring.jta.atomikos.properties.console-log-level= # Console log level.
spring.jta.atomikos.properties.default-jta-timeout=10000 # Default timeout for JTA
spring.jta.atomikos.properties.enable-logging=true # Enable disk logging.
spring.jta.atomikos.properties.force-shutdown-on-vm-exit=false # Specify if a VM
spring.jta.atomikos.properties.log-base-dir= # Directory in which the log files s
spring.jta.atomikos.properties.log-base-name=tmlog # Transactions log file base na
spring.jta.atomikos.properties.max-actives=50 # Maximum number of active transact
spring.jta.atomikos.properties.max-timeout=300000 # Maximum timeout (in milliseco
spring.jta.atomikos.properties.output-dir= # Directory in which to store the debu
spring.jta.atomikos.properties.serial-jta-transactions=true # Specify if sub-trans
spring.jta.atomikos.properties.service= # Transaction manager implementation that
spring.jta.atomikos.properties.threaded-two-phase-commit=true # Use different (and
spring.jta.atomikos.properties.transaction-manager-unique-name= # Transaction man

```

BITRONIX

```

spring.jta.bitronix.connectionfactory.acquire-increment=1 # Number of connections
spring.jta.bitronix.connectionfactory.acquisition-interval=1 # Time, in seconds,
spring.jta.bitronix.connectionfactory.acquisition-timeout=30 # Timeout, in second
spring.jta.bitronix.connectionfactory.allow-local-transactions=true # Whether or
spring.jta.bitronix.connectionfactory.apply-transaction-timeout=false # Whether o
spring.jta.bitronix.connectionfactory.automatic-enlisting-enabled=true # Whether
spring.jta.bitronix.connectionfactory.cache-producers-consumers=true # Whether or
spring.jta.bitronix.connectionfactory.defer-connection-release=true # Whether or
spring.jta.bitronix.connectionfactory.ignore-recovery-failures=false # Whether or
spring.jta.bitronix.connectionfactory.max-idle-time=60 # The time, in seconds, af
spring.jta.bitronix.connectionfactory.max-pool-size=10 # The maximum size of the
spring.jta.bitronix.connectionfactory.min-pool-size=0 # The minimum size of the p
spring.jta.bitronix.connectionfactory.password= # The password to use to connect
spring.jta.bitronix.connectionfactory.share-transaction-connections=false # Whet
spring.jta.bitronix.connectionfactory.test-connections=true # Whether or not conn
spring.jta.bitronix.connectionfactory.two-pc-ordering-position=1 # The position t
spring.jta.bitronix.connectionfactory.unique-name=jmsConnectionFactory # The uniq
spring.jta.bitronix.connectionfactory.use-tm-join=true Whether or not TMJOIN shou
spring.jta.bitronix.connectionfactory.user= # The user to use to connect to the J

```



```

spring.jta.bitronix.datasource.acquisition-interval=1 # Time, in seconds, to wait
spring.jta.bitronix.datasource.acquisition-timeout=30 # Timeout, in seconds, for
spring.jta.bitronix.datasource.allow-local-transactions=true # Whether or not the
spring.jta.bitronix.datasource.apply-transaction-timeout=false # Whether or not t
spring.jta.bitronix.datasource.automatic-enlisting-enabled=true # Whether or not
spring.jta.bitronix.datasource.cursor-holdability= # The default cursor holdabili
spring.jta.bitronix.datasource.defer-connection-release=true # Whether or not the
spring.jta.bitronix.datasource.enable-jdbc4-connection-test= # Whether or not Con
spring.jta.bitronix.datasource.ignore-recovery-failures=false # Whether or not re
spring.jta.bitronix.datasource.isolation-level= # The default isolation level for
spring.jta.bitronix.datasource.local-auto-commit= # The default auto-commit mode
spring.jta.bitronix.datasource.login-timeout= # Timeout, in seconds, for establis
spring.jta.bitronix.datasource.max-idle-time=60 # The time, in seconds, after whic
spring.jta.bitronix.datasource.max-pool-size=10 # The maximum size of the pool. 0
spring.jta.bitronix.datasource.min-pool-size=0 # The minimum size of the pool.
spring.jta.bitronix.datasource.prepared-statement-cache-size=0 # The target size
spring.jta.bitronix.datasource.share-transaction-connections=false # Whether or
spring.jta.bitronix.datasource.test-query= # SQL query or statement used to valid
spring.jta.bitronix.datasource.two-pc-ordering-position=1 # The position that thi
spring.jta.bitronix.datasource.unique-name=dataSource # The unique name used to id
spring.jta.bitronix.datasource.use-tm-join=true Whether or not TMJOIN should be u
spring.jta.bitronix.properties.allow-multiple-lrc=false # Allow multiple LRC reso
spring.jta.bitronix.properties.asynchronous2-pc=false # Enable asynchronously exe
spring.jta.bitronix.properties.background-recovery-interval-seconds=60 # Interval
spring.jta.bitronix.properties.current-node-only-recovery=true # Recover only the
spring.jta.bitronix.properties.debug-zero-resource-transaction=false # Log the cr
spring.jta.bitronix.properties.default-transaction-timeout=60 # Default transacti
spring.jta.bitronix.properties.disable-jmx=false # Enable JMX support.
spring.jta.bitronix.properties.exception-analyzer= # Set the fully qualified name
spring.jta.bitronix.properties.filter-log-status=false # Enable filtering of logs
spring.jta.bitronix.properties.force-batching-enabled=true # Set if disk forces
spring.jta.bitronix.properties.forced-write-enabled=true # Set if logs are forced
spring.jta.bitronix.properties.graceful-shutdown-interval=60 # Maximum amount of
spring.jta.bitronix.properties.jndi-transaction-synchronization-registry-name= #
spring.jta.bitronix.properties.jndi-user-transaction-name= # JNDI name of the Use
spring.jta.bitronix.properties.journal=disk # Name of the journal. Can be 'disk',
spring.jta.bitronix.properties.log-part1-filename=btm1.tlog # Name of the first fi
spring.jta.bitronix.properties.log-part2-filename=btm2.tlog # Name of the second
spring.jta.bitronix.properties.max-log-size-in-mb=2 # Maximum size in megabytes o
spring.jta.bitronix.properties.resource-configuration-filename= # ResourceLoader
spring.jta.bitronix.properties.server-id= # ASCII ID that must uniquely identify
spring.jta.bitronix.properties.skip-corrupted-logs=false # Skip corrupted transac
spring.jta.bitronix.properties.warn-about-zero-resource-transaction=true # Log a

```

```
# NARAYANA (NarayanaProperties)
```




```
spring.jta.narayana.expiry-scanners=com.arjuna.ats.internal.arjuna.recovery.Expiry
spring.jta.narayana.log-dir= # Transaction object store directory.
spring.jta.narayana.one-phase-commit=true # Enable one phase commit optimisation.
spring.jta.narayana.periodic-recovery-period=120 # Interval in which periodic rec
spring.jta.narayana.recovery-backoff-period=10 # Back off period between first and
spring.jta.narayana.recovery-db-pass= # Database password to be used by recovery
spring.jta.narayana.recovery-db-user= # Database username to be used by recovery
spring.jta.narayana.recovery-jms-pass= # JMS password to be used by recovery manag
spring.jta.narayana.recovery-jms-user= # JMS username to be used by recovery manag
spring.jta.narayana.recovery-modules= # Comma-separated list of recovery modules.
spring.jta.narayana.transaction-manager-id=1 # Unique transaction manager id.
spring.jta.narayana.xa-resource-orphan-filters= # Comma-separated list of orphan
```

EMBEDDED MONGODB (EmbeddedMongoProperties)

```
spring.mongodb.embedded.features=SYNC_DELAY # Comma-separated list of features to
spring.mongodb.embedded.storage.databaseDir= # Directory used for data storage.
spring.mongodb.embedded.storage.oplogSize= # Maximum size of the oplog in megabyte
spring.mongodb.embedded.storage.replSetName= # Name of the replica set.
spring.mongodb.embedded.version=2.6.10 # Version of Mongo to use.
```

REDIS (RedisProperties)

```
spring.redis.cluster.max-redirects= # Maximum number of redirects to follow when
spring.redis.cluster.nodes= # Comma-separated list of "host:port" pairs to bootst
spring.redis.database=0 # Database index used by the connection factory.
spring.redis.host=localhost # Redis server host.
spring.redis.password= # Login password of the redis server.
spring.redis.pool.max-active=8 # Max number of connections that can be allocated
spring.redis.pool.max-idle=8 # Max number of "idle" connections in the pool. Use
spring.redis.pool.max-wait=-1 # Maximum amount of time (in milliseconds) a connec
spring.redis.pool.min-idle=0 # Target for the minimum number of idle connections
spring.redis.port=6379 # Redis server port.
spring.redis.sentinel.master= # Name of Redis server.
spring.redis.sentinel.nodes= # Comma-separated list of host:port pairs.
spring.redis.timeout=0 # Connection timeout in milliseconds.
```

```
# -----
# INTEGRATION PROPERTIES
# -----
```

ACTIVEMQ (ActiveMQProperties)

```
spring.activemq.broker-url= # URL of the ActiveMQ broker. Auto-generated by defau
spring.activemq.in-memory=true # Specify if the default broker URL should be in m
spring.activemq.password= # Login password of the broker.
spring.activemq.user= # Login user of the broker.
```




```
spring.activemq.packages.trusted= # Comma-separated list of specific packages to  
spring.activemq.pool.configuration.*= # See PooledConnectionFactory.  
spring.activemq.pool.enabled=false # Whether a PooledConnectionFactory should be  
spring.activemq.pool.expiry-timeout=0 # Connection expiration timeout in millisec  
spring.activemq.pool.idle-timeout=30000 # Connection idle timeout in milliseconds  
spring.activemq.pool.max-connections=1 # Maximum number of pooled connections.
```

ARTEMIS (ArtemisProperties)

```
spring.artemis.embedded.cluster-password= # Cluster password. Randomly generated  
spring.artemis.embedded.data-directory= # Journal file directory. Not necessary if  
spring.artemis.embedded.enabled=true # Enable embedded mode if the Artemis server  
spring.artemis.embedded.persistent=false # Enable persistent store.  
spring.artemis.embedded.queues= # Comma-separated list of queues to create on start  
spring.artemis.embedded.server-id= # Server id. By default, an auto-incremented co  
spring.artemis.embedded.topics= # Comma-separated list of topics to create on start  
spring.artemis.host=localhost # Artemis broker host.  
spring.artemis.mode= # Artemis deployment mode, auto-detected by default. Can be  
spring.artemis.password= # Login password of the broker.  
spring.artemis.port=61616 # Artemis broker port.  
spring.artemis.user= # Login user of the broker.
```

SPRING BATCH (BatchProperties)

```
spring.batch.initializer.enabled=true # Create the required batch tables on start  
spring.batch.job.enabled=true # Execute all Spring Batch jobs in the context on s  
spring.batch.job.names= # Comma-separated list of job names to execute on startup  
spring.batch.schema=classpath:org/springframework/batch/core/schema-@@platform@@.  
spring.batch.table-prefix= # Table prefix for all the batch meta-data tables.
```

HORNETQ (HornetQProperties)

```
spring.hornetq.embedded.cluster-password= # Cluster password. Randomly generated  
spring.hornetq.embedded.data-directory= # Journal file directory. Not necessary if  
spring.hornetq.embedded.enabled=true # Enable embedded mode if the HornetQ server  
spring.hornetq.embedded.persistent=false # Enable persistent store.  
spring.hornetq.embedded.queues= # Comma-separated list of queues to create on start  
spring.hornetq.embedded.server-id= # Server id. By default, an auto-incremented co  
spring.hornetq.embedded.topics= # Comma-separated list of topics to create on start  
spring.hornetq.host=localhost # HornetQ broker host.  
spring.hornetq.mode= # HornetQ deployment mode, auto-detected by default. Can be  
spring.hornetq.password= # Login password of the broker.  
spring.hornetq.port=5445 # HornetQ broker port.  
spring.hornetq.user= # Login user of the broker.
```

JMS (JmsProperties)

```
spring.jms.jndi-name= # Connection factory JNDI name. When set, takes precedence  
spring.jms.listener.acknowledge-mode= # Acknowledge mode of the container. By def
```



```
spring.jms.listener.concurrency= # Minimum number of concurrent consumers.
spring.jms.listener.max-concurrency= # Maximum number of concurrent consumers.
spring.jms.pub-sub-domain=false # Specify if the default destination type is topic.

# RABBIT (RabbitProperties)
spring.rabbitmq.addresses= # Comma-separated list of addresses to which the client
spring.rabbitmq.cache.channel.checkout-timeout= # Number of milliseconds to wait
spring.rabbitmq.cache.channel.size= # Number of channels to retain in the cache.
spring.rabbitmq.cache.connection.mode=CHANNEL # Connection factory cache mode.
spring.rabbitmq.cache.connection.size= # Number of connections to cache.
spring.rabbitmq.connection-timeout= # Connection timeout, in milliseconds; zero for
spring.rabbitmq.dynamic=true # Create an AmqpAdmin bean.
spring.rabbitmq.host=localhost # RabbitMQ host.
spring.rabbitmq.listener.acknowledge-mode= # Acknowledge mode of container.
spring.rabbitmq.listener.auto-startup=true # Start the container automatically on
spring.rabbitmq.listener.concurrency= # Minimum number of consumers.
spring.rabbitmq.listener.default-requeue-rejected= # Whether or not to requeue de
spring.rabbitmq.listener.max-concurrency= # Maximum number of consumers.
spring.rabbitmq.listener.prefetch= # Number of messages to be handled in a single
spring.rabbitmq.listener.retry.enabled=false # Whether or not publishing retries
spring.rabbitmq.listener.retry.initial-interval=1000 # Interval between the first
spring.rabbitmq.listener.retry.max-attempts=3 # Maximum number of attempts to del
spring.rabbitmq.listener.retry.max-interval=10000 # Maximum number of attempts to
spring.rabbitmq.listener.retry.multiplier=1.0 # A multiplier to apply to the prev
spring.rabbitmq.listener.retry.stateless=true # Whether or not retry is stateless
spring.rabbitmq.listener.transaction-size= # Number of messages to be processed i
spring.rabbitmq.password= # Login to authenticate against the broker.
spring.rabbitmq.port=5672 # RabbitMQ port.
spring.rabbitmq.publisher-confirms=false # Enable publisher confirms.
spring.rabbitmq.publisher-returns=false # Enable publisher returns.
spring.rabbitmq.requested-heartbeat= # Requested heartbeat timeout, in seconds; z
spring.rabbitmq.ssl.enabled=false # Enable SSL support.
spring.rabbitmq.ssl.key-store= # Path to the key store that holds the SSL certifi
spring.rabbitmq.ssl.key-store-password= # Password used to access the key store.
spring.rabbitmq.ssl.trust-store= # Trust store that holds SSL certificates.
spring.rabbitmq.ssl.trust-store-password= # Password used to access the trust sto
spring.rabbitmq.ssl.algorithm= # SSL algorithm to use. By default configure by th
spring.rabbitmq.template.mandatory=false # Enable mandatory messages.
spring.rabbitmq.template.receive-timeout=0 # Timeout for `receive()` methods.
spring.rabbitmq.template.reply-timeout=5000 # Timeout for `sendAndReceive()` meth
spring.rabbitmq.template.retry.enabled=false # Set to true to enable retries in t
spring.rabbitmq.template.retry.initial-interval=1000 # Interval between the first
spring.rabbitmq.template.retry.max-attempts=3 # Maximum number of attempts to pub
spring.rabbitmq.template.retry.max-interval=10000 # Maximum number of attempts to
spring.rabbitmq.template.retry.multiplier=1.0 # A multiplier to apply to the prev
```



```
spring.rabbitmq.virtual-host= # Virtual host to use when connecting to the broker

# -----
# ACTUATOR PROPERTIES
# -----

# ENDPOINTS (AbstractEndpoint subclasses)
endpoints.enabled=true # Enable endpoints.
endpoints.sensitive= # Default endpoint sensitive setting.
endpoints.actuator.enabled=true # Enable the endpoint.
endpoints.actuator.path= # Endpoint URL path.
endpoints.actuator.sensitive=false # Enable security on the endpoint.
endpoints.autoconfig.enabled= # Enable the endpoint.
endpoints.autoconfig.id= # Endpoint identifier.
endpoints.autoconfig.path= # Endpoint path.
endpoints.autoconfig.sensitive= # Mark if the endpoint exposes sensitive informat
endpoints.beans.enabled= # Enable the endpoint.
endpoints.beans.id= # Endpoint identifier.
endpoints.beans.path= # Endpoint path.
endpoints.beans.sensitive= # Mark if the endpoint exposes sensitive information.
endpoints.configprops.enabled= # Enable the endpoint.
endpoints.configprops.id= # Endpoint identifier.
endpoints.configprops.keys-to-sanitize=password,secret,key,token,.*credentials.*,
endpoints.configprops.path= # Endpoint path.
endpoints.configprops.sensitive= # Mark if the endpoint exposes sensitive informa
endpoints.docs.curies.enabled=false # Enable the curie generation.
endpoints.docs.enabled=true # Enable actuator docs endpoint.
endpoints.docs.path=/docs #
endpoints.docs.sensitive=false #
endpoints.dump.enabled= # Enable the endpoint.
endpoints.dump.id= # Endpoint identifier.
endpoints.dump.path= # Endpoint path.
endpoints.dump.sensitive= # Mark if the endpoint exposes sensitive information.
endpoints.env.enabled= # Enable the endpoint.
endpoints.env.id= # Endpoint identifier.
endpoints.env.keys-to-sanitize=password,secret,key,token,.*credentials.*,vcap_ser
endpoints.env.path= # Endpoint path.
endpoints.env.sensitive= # Mark if the endpoint exposes sensitive information.
endpoints.flyway.enabled= # Enable the endpoint.
endpoints.flyway.id= # Endpoint identifier.
endpoints.flyway.sensitive= # Mark if the endpoint exposes sensitive information.
endpoints.health.enabled= # Enable the endpoint.
endpoints.health.id= # Endpoint identifier.
endpoints.health.mapping.*= # Mapping of health statuses to HttpStatus codes. By
```



```
endpoints.health.sensitive= # Mark if the endpoint exposes sensitive information.
endpoints.health.time-to-live=1000 # Time to live for cached result, in milliseconds
endpoints.heapdump.enabled= # Enable the endpoint.
endpoints.heapdump.path= # Endpoint path.
endpoints.heapdump.sensitive= # Mark if the endpoint exposes sensitive information
endpoints.info.enabled= # Enable the endpoint.
endpoints.info.id= # Endpoint identifier.
endpoints.info.path= # Endpoint path.
endpoints.info.sensitive= # Mark if the endpoint exposes sensitive information.
endpoints.jolokia.enabled=true # Enable Jolokia endpoint.
endpoints.jolokia.path=/jolokia # Endpoint URL path.
endpoints.jolokia.sensitive=true # Enable security on the endpoint.
endpoints.liquibase.enabled= # Enable the endpoint.
endpoints.liquibase.id= # Endpoint identifier.
endpoints.liquibase.sensitive= # Mark if the endpoint exposes sensitive information
endpoints.logfile.enabled=true # Enable the endpoint.
endpoints.logfile.external-file= # External Logfile to be accessed.
endpoints.logfile.path=/logfile # Endpoint URL path.
endpoints.logfile.sensitive=true # Enable security on the endpoint.
endpoints.mappings.enabled= # Enable the endpoint.
endpoints.mappings.id= # Endpoint identifier.
endpoints.mappings.path= # Endpoint path.
endpoints.mappings.sensitive= # Mark if the endpoint exposes sensitive information
endpoints.metrics.enabled= # Enable the endpoint.
endpoints.metrics.filter.enabled=true # Enable the metrics servlet filter.
endpoints.metrics.filter.gauge-submissions=merged # Http filter gauge submissions
endpoints.metrics.filter.counter-submissions=merged # Http filter counter submissions
endpoints.metrics.id= # Endpoint identifier.
endpoints.metrics.path= # Endpoint path.
endpoints.metrics.sensitive= # Mark if the endpoint exposes sensitive information
endpoints.shutdown.enabled= # Enable the endpoint.
endpoints.shutdown.id= # Endpoint identifier.
endpoints.shutdown.path= # Endpoint path.
endpoints.shutdown.sensitive= # Mark if the endpoint exposes sensitive information
endpoints.trace.enabled= # Enable the endpoint.
endpoints.trace.id= # Endpoint identifier.
endpoints.trace.path= # Endpoint path.
endpoints.trace.sensitive= # Mark if the endpoint exposes sensitive information.

# ENDPOINTS CORS CONFIGURATION (EndpointCorsProperties)
endpoints.cors.allow-credentials= # Set whether credentials are supported. When no
endpoints.cors.allowed-headers= # Comma-separated list of headers to allow in a re
endpoints.cors.allowed-methods=GET # Comma-separated list of methods to allow. '*'
endpoints.cors.allowed-origins= # Comma-separated list of origins to allow. '*' a
endpoints.cors.exposed-headers= # Comma-separated list of headers to include in a
```




```
# JMX ENDPOINT (EndpointMBeanExportProperties)
endpoints.jmx.domain= # JMX domain name. Initialized with the value of 'spring.jmx.domain'
endpoints.jmx.enabled=true # Enable JMX export of all endpoints.
endpoints.jmx.static-names= # Additional static properties to append to all ObjectNames
endpoints.jmx.unique-names=false # Ensure that ObjectNames are modified in case of duplicates

# JOLOKIA (JolokiaProperties)
jolokia.config.*= # See Jolokia manual

# MANAGEMENT HTTP SERVER (ManagementServerProperties)
management.add-application-context-header=true # Add the "X-Application-Context" header
management.address= # Network address that the management endpoints should bind to
management.context-path= # Management endpoint context-path. For instance '/actuator'
management.port= # Management endpoint HTTP port. Uses the same port as the application
management.security.enabled=true # Enable security.
management.security.roles=ADMIN # Comma-separated list of roles that can access the management endpoints
management.security.sessions=stateless # Session creating policy to use (always, never, or stateless)
management.ssl.ciphers= # Supported SSL ciphers. Requires a custom management.port
management.ssl.client-auth= # Whether client authentication is wanted ("want") or required ("require")
management.ssl.enabled= # Enable SSL support. Requires a custom management.port
management.ssl.enabled-protocols= # Enabled SSL protocols. Requires a custom management.port
management.ssl.key-alias= # Alias that identifies the key in the key store. Requires a custom management.port
management.ssl.key-password= # Password used to access the key in the key store. Requires a custom management.port
management.ssl.key-store= # Path to the key store that holds the SSL certificate and key
management.ssl.key-store-password= # Password used to access the key store. Requires a custom management.port
management.ssl.key-store-provider= # Provider for the key store. Requires a custom management.port
management.ssl.key-store-type= # Type of the key store. Requires a custom management.port
management.ssl.protocol=TLS # SSL protocol to use. Requires a custom management.port
management.ssl.trust-store= # Trust store that holds SSL certificates. Requires a custom management.port
management.ssl.trust-store-password= # Password used to access the trust store. Requires a custom management.port
management.ssl.trust-store-provider= # Provider for the trust store. Requires a custom management.port
management.ssl.trust-store-type= # Type of the trust store. Requires a custom management.port

# HEALTH INDICATORS (previously health.*)
management.health.db.enabled=true # Enable database health check.
management.health.defaults.enabled=true # Enable default health indicators.
management.health.diskspace.enabled=true # Enable disk space health check.
management.health.diskspace.path= # Path used to compute the available disk space
management.health.diskspace.threshold=0 # Minimum disk space that should be available
management.health.elasticsearch.enabled=true # Enable elasticsearch health check.
management.health.elasticsearch.indices= # Comma-separated index names.
management.health.elasticsearch.response-timeout=100 # The time, in milliseconds, to wait for a response
management.health.jms.enabled=true # Enable JMS health check.
management.health.mail.enabled=true # Enable Mail health check.
```




```
management.health.rabbit.enabled=true # Enable RabbitMQ health check.
management.health.redis.enabled=true # Enable Redis health check.
management.health.solr.enabled=true # Enable Solr health check.
management.health.status.order=DOWN, OUT_OF_SERVICE, UNKNOWN, UP # Comma-separated

# INFO CONTRIBUTORS (InfoContributorProperties)
management.info.build.enabled=true # Enable build info.
management.info.defaults.enabled=true # Enable default info contributors.
management.info.env.enabled=true # Enable environment info.
management.info.git.enabled=true # Enable git info.
management.info.git.mode=simple # Mode to use to expose git information.

# REMOTE SHELL (ShellProperties)
management.shell.auth.type=simple # Authentication type. Auto-detected according
management.shell.auth.jaas.domain=my-domain # JAAS domain.
management.shell.auth.key.path= # Path to the authentication key. This should point
management.shell.auth.simple.user.name=user # Login user.
management.shell.auth.simple.user.password= # Login password.
management.shell.auth.spring.roles=ADMIN # Comma-separated list of required roles
management.shell.command-path-patterns=classpath*/commands/**,classpath*/crash/
management.shell.command-refresh-interval=-1 # Scan for changes and update the co
management.shell.config-path-patterns=classpath*/crash/* # Patterns to use to lo
management.shell.disabled-commands=jpa*,jdbc*,jndi* # Comma-separated list of com
management.shell.disabled-plugins= # Comma-separated list of plugins to disable.
management.shell.ssh.auth.timeout = # Number of milliseconds after user will be p
management.shell.ssh.enabled=true # Enable CRaSH SSH support.
management.shell.ssh.idle.timeout = # Number of milliseconds after which unused c
management.shell.ssh.key-path= # Path to the SSH server key.
management.shell.ssh.port=2000 # SSH port.
management.shell.telnet.enabled=false # Enable CRaSH telnet support. Enabled by de
management.shell.telnet.port=5000 # Telnet port.

# TRACING (TraceProperties)
management.trace.include=request-headers,response-headers,cookies,errors # Items

# METRICS EXPORT (MetricExportProperties)
spring.metrics.export.aggregate.key-pattern= # Pattern that tells the aggregator
spring.metrics.export.aggregate.prefix= # Prefix for global repository if active.
spring.metrics.export.delay-millis=5000 # Delay in milliseconds between export ti
spring.metrics.export.enabled=true # Flag to enable metric export (assuming a Met
spring.metrics.export.excludes= # List of patterns for metric names to exclude. A
spring.metrics.export.includes= # List of patterns for metric names to include.
spring.metrics.export.redis.key=keys.spring.metrics # Key for redis repository ex
spring.metrics.export.redis.prefix=spring.metrics # Prefix for redis repository i
spring.metrics.export.send-latest= # Flag to switch off any available optimization
```



```
spring.metrics.export.statsd.port=8125 # Port of a statsd server to receive exports
spring.metrics.export.statsd.prefix= # Prefix for statsd exported metrics.
spring.metrics.export.triggers.*= # Specific trigger properties per MetricWriter

# -----
# DEVTOOLS PROPERTIES
# -----

# DEVTOOLS (DevToolsProperties)
spring.devtools.livereload.enabled=true # Enable a livereload.com compatible server
spring.devtools.livereload.port=35729 # Server port.
spring.devtools.restart.additional-exclude= # Additional patterns that should be excluded
spring.devtools.restart.additional-paths= # Additional paths to watch for changes
spring.devtools.restart.enabled=true # Enable automatic restart.
spring.devtools.restart.exclude=META-INF/maven/**,META-INF/resources/**,resources/**
spring.devtools.restart.poll-interval=1000 # Amount of time (in milliseconds) to poll
spring.devtools.restart.quiet-period=400 # Amount of quiet time (in milliseconds)
spring.devtools.restart.trigger-file= # Name of a specific file that when changed

# REMOTE DEVTOOLS (RemoteDevToolsProperties)
spring.devtools.remote.context-path=/~spring-boot!~ # Context path used to handle requests
spring.devtools.remote.debug.enabled=true # Enable remote debug support.
spring.devtools.remote.debug.local-port=8000 # Local remote debug server port.
spring.devtools.remote.proxy.host= # The host of the proxy to use to connect to the target
spring.devtools.remote.proxy.port= # The port of the proxy to use to connect to the target
spring.devtools.remote.restart.enabled=true # Enable remote restart.
spring.devtools.remote.secret= # A shared secret required to establish a connection
spring.devtools.remote.secret-header-name=X-AUTH-TOKEN # HTTP header used to transmit the secret
```

[Prev](#)[Up](#)[Next](#)[Part X. Appendices](#)[Home](#)[Appendix B. Configuration meta-data](#)