# Versione 4.9.x

Di seguito vengono riportati dei templates di esempio relativi al lato client, che andranno opportunamente riconfigurati per la propria installazione. Occorre quindi tenere conto della struttura, ma revisionare tutti i singoli contenuti.

- Client
- Admin
- Dettaglio Sezioni

# Client

configuration.properties

```
#*************************************************************
#                          C L I E N T
#       C O N F I G U R A T I O N   P R O P E R T I E S
#                      T E M P L A T E
#
# in order to configure you application, has to be changed the
# sections between '<' and '>' characters
#*************************************************************

s
##########################################################################
# L A N G
##########################################################################
#force the Locale (2 char format). The default is the environment's one
lang=it

##########################################################################
# P L A T F O R M      A N D      M O D U L E
##########################################################################
codPlatform=
codModule=

##########################################################################
# B A S E P A T H
##########################################################################
basePath=file:///C:/Projects/<projectStaticFolder>/WEB/


##########################################################################
# T E M P P A T H
##########################################################################
#used by umplugin, scene, report
tempPath=C:/Project/<projectStaticFolder>/WEB/
```

```
#########################################################################
# B A S E   U R L
#########################################################################
baseUrl=http://localhost:8081/webclient


#########################################################################
# F I L E S   C O M P R E S S I O N
#########################################################################
#useCompressed:  =false during development, =true when put in
production
useCompressed=false


#########################################################################
# M E T A D A T A   C A C H E  ( W E B C L I E N T )
#########################################################################
#timeToIdleSeconds keep 1 in configuration phase. Increase as wanted in
production. tipycally 3600=1 hour
metadatacache.timeToIdleSeconds=1
#timeToLiveSecon keep 1 in configuration phase. Increase as wanted in
production. tipycally 3600=1 hour
metadatacache.timeToLiveSeconds=1
#from version 4.9.0 (EhCache 3): the duration is the same for every
cache. If only one of the two properties is set, it is used;
#if both are set the SMALLER one is used. Missing, non numeric or non
positive values are ignored (default 1 second).
#The value is applied at startup: a change needs a restart. Only the
webclient uses the metadata cache.


#########################################################################
# B R O W S E R   C A C H E
#########################################################################
#cache expressed in days, default 3650, -1 to disable
cache.max-age.days=365


#########################################################################
# P R O J E C T   I N D E X
#########################################################################
applicationIndexTitle=Geoweb framework 4.4.0
#applicationIndexColor1=#00569F
applicationIndexColor1=#023B6E
applicationIndexColor2=white
applicationIndexColor3=#CECECE


#########################################################################
```

```
# M A P   G U I D E
#################################################################
mapguide.mgUsername=Administrator
mapguide.mgPassword=admin
#mapguide library path. used to update mapguide layers (destination use
layer)
mapguide.library.path=Library://<projectStaticFolderName>

#mapguide.library.resourceId.scope
#Make variable the MapGuide library configured in webadmin for every
gwMap. Useful for the delivery
#the part #{mapguide.library.resourceId.scope} is replaced with the
value configured here (from 4.6.X)
#baseMgLibraryPath= @Deprecated, use mapguide.library.resourceId.scope
instead
mapguide.library.resourceId.scope=

# webconfig.ini path
# Geoweb tries to load webconfig.ini firstly from static contents, and
secondarily from classPath.
# If all ways before fail, Geoweb uses this absolute path.
# This is generally used in Geoweb deployments that involve Linux +
WebLogic
#La chiave dei template 4.9 è mapguide.pathTo.webconfig.ini; la vecchia
pathTo.webconfig.ini è ancora letta ma deprecata
mapguide.pathTo.webconfig.ini=C:/Projects/<projectStaticFolder>/WEB/con
f/webconfig.ini

#Next 4 parameters are used to dynamically overrides parameters set
inside webconfig.ini. They works in independent way each others. Remove
comment to override
#mapguide.webconfig.ini.AdministrativeConnectionProperties.Port=2810
#mapguide.webconfig.ini.ClientConnectionProperties.Port=2811
#mapguide.webconfig.ini.SiteConnectionProperties.Port=2812
#mapguide.webconfig.ini.SiteConnectionProperties.IpAddress=10.31.219.23
6

# resource package auto loading. Feature source
#Next 4, optional, parameters are used to auto configure feature source
database parameters
#during the procedure that applies resource package to all configured
MapGuide servers
#if not configured here the existing values inside .mpg file will not
to be overridden
#service often refers to the same machine in configured in jdbc.url,
but here MUST to be expressed like an IPV4 format address.
mapguide.resourcepackage.featuresource.service=<ip_address or
server_name>
mapguide.resourcepackage.featuresource.username=<schema_username>
mapguide.resourcepackage.featuresource.password=<schema_password>
mapguide.resourcepackage.featuresource.datastore=<DB_name>
```

```
#@Deprecated from 4.4.0 (but supported yet)
#mgUsername=
#mgPassword=
#geowebalias=
#pathTo.webconfig.ini=

#########################################################################
# O P E N S T R E E T M A P   C O N F I G U R A T I O N
#########################################################################
# From version 4.8.3 (issue #1784)
#
# openstreetmap.url (optional, default: null) Defines the URL template
used to retrieve map tiles.
#
# Three supported modes:
#
# ---------------------------------------------------------------------
# 1) PROXY MODE (recommended for internal / controlled environments)
# ---------------------------------------------------------------------
#
# Description:
# - Tiles are requested through a server-side proxy (e.g. Nginx).
# - The proxy handles:
#     - Referer header (required by OpenStreetMap)
#     - Local caching of tiles (improves performance and reduces
traffic)
#
# Requirements:
# - OpenStreetMap tile server must be reachable from the backend
# - Proxy must be properly configured
#
# Advantages:
# - No API key required
# - Full control over caching
# - Avoids client-side 403 errors ("Referer is required")

# STEPS:
# - Ensure the standard legacy OpenStreetMap layer is created (VERY
IMPORTANT WITH NO 'url' key in JSONoptions )
# - Set here the fixed value:
#
# openstreetmap.url=/osm_tiles/${z}/${x}/${y}.png
#
# ---------------------------------------------------------------------
# 2) CUSTOM TILE PROVIDER MODE (WEBADMIN) (recommended on premise)
# ---------------------------------------------------------------------
#
# Description:
```

```
# - Tiles are requested directly from a third-party provider.
# - The proxy is bypassed.
#
# Notes:
# - Requires an API key
# - Subject to usage limits and billing policies
# - Multiple map styles are available (atlas, cycle, transport, etc.)
#
# Advantages:
# - More map styles and features
# - No need to manage a proxy
# - Typically more scalable for public applications
#
# STEPS:
# - Firstly choose a provider (ex: Thunderforest, MapTiler, etc..),
# - After make sure the client IT set up an account with credentials
# - Finally configure in webadmin many OSM style (choosing from
available) providers as needed:
#     -set type to this fixed value: OpenStreetMap
#     -in options it's mandatory set the url {url:
'https://api.thunderforest.com/atlas/${z}/${x}/${y}.png?apikey=79454cad
a92b4928a60b3bc286f9ebd9'}
#
# OpenCycleMap
https://api.thunderforest.com/cycle/${z}/${x}/${y}.png?apikey=79454cada
92b4928a60b3bc286f9ebd9
# Transport
https://api.thunderforest.com/transport/${z}/${x}/${y}.png?apikey=79454
cada92b4928a60b3bc286f9ebd9
# Landscape
https://api.thunderforest.com/landscape/${z}/${x}/${y}.png?apikey=79454
cada92b4928a60b3bc286f9ebd9
# Outdoors
https://api.thunderforest.com/outdoors/${z}/${x}/${y}.png?apikey=79454c
ada92b4928a60b3bc286f9ebd9
# Transport Dark
https://api.thunderforest.com/transport-dark/${z}/${x}/${y}.png?apikey=
79454cada92b4928a60b3bc286f9ebd9
# Spinal Map
https://api.thunderforest.com/spinal-map/${z}/${x}/${y}.png?apikey=7945
4cada92b4928a60b3bc286f9ebd9
# Pioneer
https://api.thunderforest.com/pioneer/${z}/${x}/${y}.png?apikey=79454ca
da92b4928a60b3bc286f9ebd9
# Mobile Atlas
https://api.thunderforest.com/mobile-atlas/${z}/${x}/${y}.png?apikey=79
454cada92b4928a60b3bc286f9ebd9
# Neighbourhood
https://api.thunderforest.com/neighbourhood/${z}/${x}/${y}.png?apikey=7
9454cada92b4928a60b3bc286f9ebd9
# Atlas
```

```
https://api.thunderforest.com/atlas/${z}/${x}/${y}.png?apikey=79454cada
92b4928a60b3bc286f9ebd9
#
# here DO NOT SET url
# #openstreetmap.url=
#
# ------------------------------------------------------------------
# 2) CUSTOM TILE PROVIDER MODE (CONFIG, ONLY ONE) (NOT RECOMMENDED)
# ------------------------------------------------------------------
# STEPS:
# - Firstly choose a provider (ex: Thunderforest, MapTiler, etc..),
# - Ensure the standard legacy OpenStreetMap layer is created
# - Finally configure here overrision url:
#
openstreetmap.url=https://api.thunderforest.com/atlas/${z}/${x}/${y}.pn
g?apikey=YOUR_API_KEY
#
# ------------------------------------------------------------------
# 3) DEFAULT OSM MODE (NOT RECOMMENDED)
# ------------------------------------------------------------------
# openstreetmap.url=
#
# Description:
# - Uses the default legacy OpenStreetMap tile servers
#
# Limitations:
# - May result in HTTP 403 errors: "Access Blocked: Referer is
required"
# - Not suitable for production use
# - No caching or traffic control
#
openstreetmap.url=/osm_tiles/${z}/${x}/${y}.png


#####################################################################
# G E O C O D I N G
#####################################################################
# From version 4.8.3 (issue #1810)
# Provider attivo. Valori attualmente supportati: azure, google
geocoding.provider=azure

# Azure Maps
# Subscription key ottenuta dal portale Azure (obbligatoria)
geocoding.azure.subscriptionKey=<value>
# Versione API Azure Maps Fuzzy Search (default: 1.0)
geocoding.azure.apiVersion=1.0
# Google Maps
# API key ottenuta da Google Cloud Console
# Deve avere abilitati: Places API, Geocoding API
# geocoding.google.apiKey=<value>
```

```
#########################################################################
# A U T O M A T I C   D E P L O Y
#########################################################################
#geowebfolder contains resources to be automatically loaded during the
server startup
geowebfolder=C:\\projects\\<projectStaticFolder>\\geowebfolder


#########################################################################
# K U B E R N E T E S
#########################################################################
#used to perform the kubernetes readinessProbe
#set the version of the last (non repeatable) script, configured
#in gw_package folder, handled by the gw-resources-deployer
script.version=1.0.0.1


#########################################################################
# W O R K F L O W
#########################################################################
#From version 4.9.0 the workflow engine is Flowable 7.2 (it was
Activiti 5.23): the keys, the folder [geowebfolder]/activiti/ and this
section are unchanged.
#This flag, default false, force to deploy all Process Definition
#inside Activiti at every server startup, even if already deployed.
#Usually all Activiti Process Definition, contained in one or more
#.bpmn files, under the folder [geowebfolder]/activiti/ will to be
#deployed inside Activiti, in a automatic way, during webapp
initialization
#If the Process Definition results already deployed, the deploy is
skipped
#This flag overrides this mechanism
workflow.activiti.forceDeploy.enabled=false

#from version 4.8.2 (issue #1724)
#This flag, set to true by default, forces Activiti to create all act_*
#relations when they are missing or obsolete.
#This flag should be set to false in product repositories, where act_*
#relations are fully managed by SQL scripts.
workflow.databaseSchemaUpdate=true


#########################################################################
# M A P
#########################################################################
#Allowed range [0.001,1000] Ex: if map is in meter, but it had been
loaded in mm, mapUnitFactor should be 1000
mapUnitFactor=1
```

```
#set the SRID used to handle spatial data from/to the database
#this parameter SHOULD NOT generally to be set.
#The SRID information is generally set inside MapGuide Maestro
configuration
#and it's enough. But sometimes spatial data in DB are populated in aim
#to be consumed by other systems.
#If omitted the default null SRID is used (change in base on DB vendor)
#If set, this is used globally to hadle all spatial data
#(but it can to be locally overridden using the gwAttribute xml
parameter
# named 'persistSridToDB')
globalSRID=


######################################################################
# U P L O A D   M A N A G E R
######################################################################

#when loading a CAD drawing, specify, when true, if a SDF file is
created for background layer, otherwise put all vector entities in
drawing_background relations
#useSDFForBackground=true
useSDF=true

# availablePackages=Bim\,PointCloud\,Plan\,BulkUp\,Views
uploadManager.availablePackages=Bim\,PointCloud\,BulkUp\,Plan\,Views

#projectType=building or model
uploadManager.projectType=building

# savingFileOn=db or alfresco (BulkUp - sperimentato su CDE)
uploadManager.savingFileOn=alfresco
#if alfresco -> set class, class attribute, code attribute,
#column name of file name to search table record with the cmis widget
uploadManager.fileClass=cde_deliverable_upload_manager
uploadManager.fileAttribute=file_name
uploadManager.fileCodeColumn=cod_deliverable_full
uploadManager.fileName=cod_deliverable_full


# Modello 3d (Bim,PointCloud)
# saving IFC On=db or alfresco
uploadManager.savingModelOn=alfresco
uploadManager.modelClass=cde_deliverable_upload_manager
uploadManager.modelAttribute=file_name
uploadManager.modelCodeColumn=cod_deliverable_full
uploadManager.modelName=cod_deliverable_full

uploadManager.attachmentsAttribute=allegati_deliverable
```

```
#####################################################################
# G W   M A I L   C O N F
#####################################################################
#from version 4.2.12 deprecates calendar.memoscheduler.* stuff

#email that will be shown as the sender by the email receiver. Used
when 'from' is not passed to gwMailService.sendMail(..)
gwMailService.defaultSenderEmail=no-reply@geowebitalia.it
gwMailService.user=demo.facilityservice@gmail.com
gwMailService.password=<mail_password>
gwMailService.host=smtp.gmail.com
gwMailService.port=465
#mail.smtp.starttls.enable - boolean - If true, enables the use of the
STARTTLS command (if supported by the server) to switch the connection
to a TLS-protected connection before issuing any login commands. Note
that an appropriate trust store must configured so that the client will
trust the server's certificate. Defaults to false.
gwMailService.mailSmtpStarttlsEnable=false
#mail.smtp.auth - boolean - If true, attempt to authenticate the user
using the AUTH command. Defaults to false.
gwMailService.mailSmtpAuth=true
#mail.smtp.socketFactory.port - int - Specifies the port to connect to
when using the specified socket factory. If not set, the default port
will be used.
gwMailService.mailSmtpSocketFactoryPort=465
#mail.smtp.socketFactory.class - String - If set, specifies the name of
a class that implements the javax.net.SocketFactory interface. This
class will be used to create SMTP sockets.
gwMailService.mailSmtpSocketFactoryClass=javax.net.ssl.SSLSocketFactory
#mail.smtp.socketFactory.fallback - boolean - If set to true, failure
to create a socket using the specified socket factory class will cause
the socket to be created using the java.net.Socket class. Defaults to
true.
gwMailService.mailSmtpSocketFactoryFallback=false
#mail.smtp.quitwait - boolean - If set to false, the QUIT command is
sent and the connection is immediately closed. If set to true (the
default), causes the transport to wait for the response to the QUIT
command.
gwMailService.mailSmtpQuitwait=false
#mail.debug   - boolean
gwMailService.mailDebug=true
#mail.smtp.ssl.enable - boolean - If set to true, use SSL to connect
and use the SSL port by default. Defaults to false for the "smtp"
protocol and true for the "smtps" protocol.
gwMailService.mailSmtpSslEnable=
#mail.smtp.ssl.trust - String - If set, and a socket factory hasn't
been specified, enables use of a MailSSLSocketFactory. If set to "*",
all hosts are trusted. If set to a whitespace separated list of hosts,
those hosts are trusted. Otherwise, trust depends on the certificate
the server presents.
```

```
gwMailService.mailSmtpSslTrust=*
#mail.smtp.ssl.protocols  - String - Specifies the SSL protocols that
will be enabled for SSL connections. The property value is a whitespace
separated list of tokens acceptable to the
javax.net.ssl.SSLSocket.setEnabledProtocols method. (from gw version
4.4.17)
gwMailService.mailSmtpSslProtocols=


#####################################################################
# P E C   C O N F
#####################################################################
#from version 4.4.8.2 (issue #1710)

#it overrides the connection default schema
pec.schema=
#configure max per day. default is 100000
pec.maxPerDay=
#if configured sethe timeout within ech iteration. It's expressed in
seconds
pec.sleepSecond=

#email that will be shown as the sender by the email receiver. Used
when 'from' is not passed to gwMailService.sendMail(..)
pec.gwMailService.defaultSenderEmail=no-reply@geowebitalia.it
pec.gwMailService.user=demo.facilityservice@gmail.com
pec.gwMailService.password=<mail_password>
pec.gwMailService.host=smtp.gmail.com
pec.gwMailService.port=465

#mail.smtp.starttls.enable - boolean - If true, enables the use of the
STARTTLS command (if supported by the server) to switch the connection
to a TLS-protected connection before issuing any login commands. Note
that an appropriate trust store must configured so that the client will
trust the server's certificate. Defaults to false.
pec.gwMailService.mailSmtpStarttlsEnable=false
#mail.smtp.auth - boolean - If true, attempt to authenticate the user
using the AUTH command. Defaults to false.
pec.gwMailService.mailSmtpAuth=true
#mail.smtp.socketFactory.port - int - Specifies the port to connect to
when using the specified socket factory. If not set, the default port
will be used.
pec.gwMailService.mailSmtpSocketFactoryPort=465
#mail.smtp.socketFactory.class - String - If set, specifies the name of
a class that implements the javax.net.SocketFactory interface. This
class will be used to create SMTP sockets.
pec.gwMailService.mailSmtpSocketFactoryClass=javax.net.ssl.SSLSocketFac
tory
#mail.smtp.socketFactory.fallback - boolean - If set to true, failure
to create a socket using the specified socket factory class will cause
```

```
the socket to be created using the java.net.Socket class. Defaults to
true.
pec.gwMailService.mailSmtpSocketFactoryFallback=false
#mail.smtp.quitwait - boolean - If set to false, the QUIT command is
sent and the connection is immediately closed. If set to true (the
default), causes the transport to wait for the response to the QUIT
command.
pec.gwMailService.mailSmtpQuitwait=false
#mail.debug   - boolean
pec.gwMailService.mailDebug=true
#mail.smtp.ssl.enable - boolean - If set to true, use SSL to connect
and use the SSL port by default. Defaults to false for the "smtp"
protocol and true for the "smtps" protocol.
pec.gwMailService.mailSmtpSslEnable=
#mail.smtp.ssl.trust - String - If set, and a socket factory hasn't
been specified, enables use of a MailSSLSocketFactory. If set to "*",
all hosts are trusted. If set to a whitespace separated list of hosts,
those hosts are trusted. Otherwise, trust depends on the certificate
the server presents.
pec.gwMailService.mailSmtpSslTrust=*
#mail.smtp.ssl.protocols  - String - Specifies the SSL protocols that
will be enabled for SSL connections. The property value is a whitespace
separated list of tokens acceptable to the
javax.net.ssl.SSLSocket.setEnabledProtocols method. (from gw version
4.4.17)
pec.gwMailService.mailSmtpSslProtocols=


#####################################################################
# G W   S C H E D U L E R
#####################################################################

#toggle the gwSchedluer execution, optional, default true
gwscheduler.enabled=false
#toggle the support for cluster environment , optional, default false
#is subordinate to the addition of the field 'lock_end_time'
#to 'gw_sched_def' relation
gwscheduler.clusterMode.enabled=false


#####################################################################
# E V E N T   M E M O   S C H E D U L E R
#####################################################################

#toggle memo scheduler. When omitted default is true
eventmemo.scheduler.enabled=false

#http://www.quartz-scheduler.org/documentation/quartz-2.x/tutorials/cro
ntrigger.html
#
#        Field Name     Allowed Values      Allowed Special Characters
```

```
#        Seconds         0-59                , - * /
#        Minutes         0-59                , - * /
#        Hours           0-23                , - * /
#        Day-of-month    1-31                , - * ? / L W
#        Month           1-12 or JAN-DEC     , - * /
#        Day-of-Week     1-7 or SUN-SAT      , - * ? / L #
#
#1 0 3 * * ? stand for every day at 3:00:01 am
#eventmemo.memoscheduler.cronExpression=1 0 3 * * ?
eventmemo.scheduler.cronExpression=1 0 3 * * ?

#deleteEventMemoOfExpiredEventAfterEndAlert
eventmemo.scheduler.deleteEventMemoOfExpiredEventAfterEndAlert=false


#########################################################################
# M O N I T O R I N G   S C H E D U L E R
#########################################################################

#toggle monitoring scheduler. When omitted default is false
monitoring.scheduler.enabled=false

#http://www.quartz-scheduler.org/documentation/quartz-2.x/tutorials/cro
ntrigger.html
#
#        Field Name     Allowed Values      Allowed Special Characters
#        Seconds         0-59                , - * /
#        Minutes         0-59                , - * /
#        Hours           0-23                , - * /
#        Day-of-month    1-31                , - * ? / L W
#        Month           1-12 or JAN-DEC     , - * /
#        Day-of-Week     1-7 or SUN-SAT      , - * ? / L #
#
#1 0 3 * * ? stand for every day at 3:00:01 am
#monitoring.memoscheduler.cronExpression=1 0 3 * * ?
monitoring.scheduler.cronExpression=10 0 3 * * ?


#########################################################################
# P L A N N E D   A C T I V I T Y   S C H E D U L E R
#########################################################################

#toggle memo scheduler. When omitted default is false
plannedActivity.scheduler.enabled=false

#http://www.quartz-scheduler.org/documentation/quartz-2.x/tutorials/cro
ntrigger.html
#
#        Field Name     Allowed Values      Allowed Special Characters
#        Seconds         0-59                , - * /
```

```
#        Minutes         0-59                , - * /
#        Hours           0-23                , - * /
#        Day-of-month    1-31                , - * ? / L W
#        Month           1-12 or JAN-DEC     , - * /
#        Day-of-Week     1-7 or SUN-SAT      , - * ? / L #
#
#1 0 3 * * ? stand for every day at 3:00:01 am
#plannedActivity.scheduler.cronExpression=1 0 3 * * ?
plannedActivity.scheduler.cronExpression=20 0 3 * * ?


#####################################################################
# A E C   A S S I G N M E N T   S C H E D U L E R
#####################################################################

#toggle memo scheduler. When omitted default is false
calendar.aecAssignmentWS.enabled=false

#http://www.quartz-scheduler.org/documentation/quartz-2.x/tutorials/cro
ntrigger.html
#
#        Field Name      Allowed Values      Allowed Special Characters
#        Seconds         0-59                , - * /
#        Minutes         0-59                , - * /
#        Hours           0-23                , - * /
#        Day-of-month    1-31                , - * ? / L W
#        Month           1-12 or JAN-DEC     , - * /
#        Day-of-Week     1-7 or SUN-SAT      , - * ? / L #
#
#1 0 3 * * ? stand for every day at 3:00:01 am
#calendar.aecAssignmentWS.cronExpression=1 0 3 * * ?
calendar.aecAssignmentWS.cronExpression=1 0 22 * * ?


#####################################################################
# D A T A B A S E S
#####################################################################

#####################################################################
# database ORACLE
#####################################################################


#jdbc.driverClassName=oracle.jdbc.driver.OracleDriver
#jdbc.url=jdbc:oracle:thin:@<ip_address or
server_name>:<port>:<DB_name>
# es: jdbc.url=jdbc:oracle:thin:@ora11dev.gruppoesc.it:1521:ORA11DEV
#jdbc.username=<schemaData_username>
#jdbc.password=<schemaData_password>
#jdbc.maxActive=6
#jdbc.minIdle=2
```

```
#jdbc.maxIdle=6
#jdbc.validationQuery=select 1 from dual

#jdbcmetadata.driverClassName=oracle.jdbc.driver.OracleDriver
#jdbcmetadata.url=jdbc:oracle:thin:@<ip_address or
server_name>:<port>:<DB_name>
#es:
jdbcmetadata.url=jdbc:oracle:thin:@ora11dev.gruppoesc.it:1521:ORA11DEV
#jdbcmetadata.username=<schemaMetadata_username>
#jdbcmetadata.password=<schemaMetadata_password>
#jdbcmetadata.maxActive=6
#jdbcmetadata.minIdle=2
#jdbcmetadata.maxIdle=6
#jdbcmetadata.validationQuery=select 1 from dual


######################################################################
# database POSTGRES
######################################################################

jdbc.driverClassName=org.postgresql.Driver
jdbc.url=jdbc:postgresql://<ip_address or server_name>:<port>/<DB_name>
# es: jdbc.url=jdbc:postgresql://127.0.0.1:5432/TEST_GW44
jdbc.username=<schemaData_username>
jdbc.password=<schemaData_password>
jdbc.maxActive=6
jdbc.minIdle=2
jdbc.maxIdle=6
jdbc.validationQuery=select 1

jdbcmetadata.driverClassName=org.postgresql.Driver
jdbcmetadata.url=jdbc:postgresql://<ip_address or
server_name>:<port>/<DB_name>
# es: jdbcmetadata.url=jdbc:postgresql://127.0.0.1:5432/TEST_GW44
jdbcmetadata.username=<schemaMetadata_username>
jdbcmetadata.password=<schemaMetadata_password>
jdbcmetadata.maxActive=6
jdbcmetadata.minIdle=2
jdbcmetadata.maxIdle=6
jdbcmetadata.validationQuery=select 1


######################################################################
# database SQLSERVER
######################################################################

#jdbc.driverClassName=com.microsoft.sqlserver.jdbc.SQLServerDriver
#jdbc.url=jdbc:sqlserver://<ip_address or
server_name>:<port>;databaseName=<DB_name>;encrypt=true;trustServerCert
ificate=true;
```

```
# es:
jdbc.url=jdbc:sqlserver://192.168.0.99:1433;databaseName=geoweb;encrypt
=true;trustServerCertificate=true;
#jdbc.username=<schemaData_username>
#jdbc.password=<schemaData_password>
#jdbc.maxActive=6
#jdbc.minIdle=2
#jdbc.maxIdle=6
#jdbc.validationQuery=select 1
#
#jdbcmetadata.driverClassName=com.microsoft.sqlserver.jdbc.SQLServerDri
ver
#jdbcmetadata.url=jdbc:sqlserver://<ip_address or
server_name>:<port>;databaseName=<DB_name>;encrypt=true;trustServerCert
ificate=true;
# es:
jdbcmetadata.url=jdbc:sqlserver://192.168.0.99:1433;databaseName=geoweb
;encrypt=true;trustServerCertificate=true;
#jdbcmetadata.username=<schemaData_username>
#jdbcmetadata.password=<schemaData_password>
#jdbcmetadata.maxActive=6
#jdbcmetadata.minIdle=2
#jdbcmetadata.maxIdle=6
#jdbcmetadata.validationQuery=select 1


#########################################################################
# M O N G O D B
#########################################################################
# Convention: for each mongo.db_* use as value use this pattern: (since
4.4.0).
#     [DATABASE_NAME][SUFFIX]
#     available suffixes: [_BIM_MODELS,_CLASSIFICATION,_MNEMONIC_CODE]
#
# Example (if DATABASE_NAME=DB_NAME):
#     mongo.db_classification=DB_NAME_CLASSIFICATION

#enabling flag, default true
mongo.enabled=true

mongo.db_bim_models=<MongoDB_name>_BIM_MODELS
mongo.db_classification=<MongoDB_name>_CLASSIFICATION
mongo.db_mnemonic_code=<MongoDB_name>_MNEMONIC_CODE
#This is a standard name
mongo.db_event_notification=EVENT_NOTIFICATION

#mongo credentials. optional parameters (since 4.4.0)
#
# mongo.authentication optional, default null, allowed values: [SCRAM-
SHA-1,MONGODB-X509,MONGODB-CR,GSSAPI,PLAIN]
# mongo.password optional, default null. Depending on
```

```
mongo.authentication value, password can be required or forbidden
#         when mongo.authentication value is SCRAM-SHA-1 or MONGODB-CR
or PLAIN => password must be always configured
#         when mongo.authentication value is GSSAPI or MONGODB-X509 =>
password must be always omitted
# mongo.username is always required if credentials are enabled
# mongo.source is always required if credentials are enabled

mongo.source=<MongoDB_name>
mongo.username=<schemaMongo_username>
mongo.password=<schemaMongo_username>
mongo.authentication=SCRAM-SHA-1

#mongo.uri
# required, default null (since 4.6.0)
# Inside mongo.uri can be specified multiple host, eventually each one
with it's port (default is 27017)
# Inside mongo.uri can be specified some credentials, database and
others options.
# When credentials are explicit the credentials deriving from
mongo.username/mongo.password are overridden.
#
# mongo.uri pattern:
#
mongodb://[username:password@]host1[:port1][,host2[:port2],...[,hostN[:
portN]]][/[database][?options]]
#
# mongo.uri examples:
#     mongodb://localhost
#     mongodb://localhost1:27017
#     mongodb://localhost1:27018
#
mongodb://username:password@localhost:27017,localhost1,localhost2:27018

mongo.uri=mongodb://<ip_address or server_name>:<port>


#boolean, default true
#set to false to avoid the reload of classification on mongo (faster
choice)
classification.reloadAtStartup.enabled=true


#####################################################################
# C M I S  (RIMOSSO)
#####################################################################
#from version 4.9.0 (issue #1846): OpenCMIS has been removed. The keys
cmisUser, cmisPassword, cmisUrl, cmisBasePath, cmisType
#and enableCmisCache are not read anymore: they can be removed from
configuration.properties.
```

```
#The only document manager is the CMS: see the section C M S   A P I
R E S T   W I D G E T below.


#####################################################################
# C M S   A P I   R E S T   W I D G E T
#####################################################################
cms.api.enabled=true
#cms.api.name options: [alfresco,sharepoint]
cms.api.name=alfresco
cms.api.user=admin
cms.api.password=<cmsAdminPassword>
cms.api.baseUrl=http://acs.k8s.gwcloud.it/alfresco
cms.api.rootPath=/Sites/TestSite/Documenti


#####################################################################
# S E C U R I T Y
#####################################################################

# length of the time period (in days) for which password is valid -
Periodo di validità delle password
gwSecurity.passwordLifeTimeDays=180
# threshold to prohibit reuse of password up to a previous date -
Numero minimo di password differenti prima del riutilizzo
gwSecurity.passwordHistoricalCheckingCount=10
# threshold (in days) to prohibit the reuse of the password used from a
date onwards
gwSecurity.passwordHistoricalCheckingPeriodDays=1800
# (Account lockout threshold) number of invalid login attempts that are
allowed before an account is locked out. - Numero massimo di tentativi
di accesso con password errata
gwSecurity.maxAttempts=10
# Account locked time
gwSecurity.accountLockedTimeMinutes=30
# rest token lifetime for reset password ('forget me')
gwSecurity.tokenLifeTimeHours=24

# email forgot password - Subjet - password dimenticata
gwSecurity.resetPasswordEmailSubjet=Ambiente di TEST GW4.4 -
Impostazione/Ripristino Dati di Accesso

# email forgot password - text message - params: {0: userEmail, 1:
username, 2: reset_token, 3: resetUrl}
# gwSecurity.resetPasswordEmailMessage=Gentile {1}\\,<br>per inserire
una nuova password\\, clicca sul link sottostante:<br> {3} <br><br><br>
Cordiali saluti\\, <br> Geowebitalia
gwSecurity.resetPasswordEmailMessage=Gentile {1}\\,<br>E stata inviata
una richiesta di impostazione o ripristino della password per il tuo
account sul sistema GW4.4 on CDE.<br><br>Puoi ora accedere cliccando
sul seguente collegamento o copiandolo e incollandolo nel browser:
```

```
<br><a href="{3}">{3}</a> <br><br>Questo collegamento puo essere
utilizzato per accedere una sola volta\\, verrai indirizzato a una
pagina dove potrai impostare la tua password. <br>Scade dopo un giorno
e non succede nulla se non viene utilizzato. <br><br><br>Cordiali
saluti


#####################################################################
# C L I E N T   P A S S W O R D   R E G E X
#####################################################################
#gwClientPasswordRegex: regex applied to dijit/form/ValidationTextBox
widget

#Minimum eight characters, at least one uppercase letter, one lowercase
letter, one number and one special character of #?!@$%^&-_
#gwClientPasswordRegex=^(?=.*?[A-Z])(?=.*?[a-
z])(?=.*?[0-9])(?=.*?[#?!@$%^&*-_]).{8\\,}$
#Minimum eight characters, at least one uppercase letter, one lowercase
letter, one number and one special character of $!%*?&
gwClientPasswordRegex=^(?=.*[a-z])(?=.*[A-
Z])(?=.*\\\d)(?=.*[$@$!%*?&])[A-Za-z\\\d$@$!%*?&]{8\\,}

#gwClientPasswordRegexPromptMessage: Tooltip text that appears when the
text box is empty and on focus
#gwClientPasswordRegexPromptMessage=La password deve contenere almeno 8
caratteri di cui almeno una lettera maiuscola\\, almeno una lettera
minuscola\\, almeno un numero\\, almeno un carattere speciale fra: # ?
! @ $ % ^ & - _
gwClientPasswordRegexPromptMessage=La password deve contenere almeno 8
caratteri di cui almeno una lettera maiuscola\\, almeno una lettera
minuscola\\, almeno un numero\\, almeno un carattere speciale fra: $ !
% * ? &


#####################################################################
# L O G I N
#####################################################################
#default false. It allows to disable the auto-complete for the gw-login
form (made by the browser) (issue #793)
login.form.autocomplete.disabled=false


#####################################################################
# K E Y C L O A K
#####################################################################
keycloak.serverUrl=https://<keycloak_host>
keycloak.realm=<realm>
keycloak.clientId=gw-client-credentials
keycloak.clientSecret=<client_secret>
```

```
keycloak.executeActionsEmail.clientId=<client_id>
#keycloak.executeActionsEmail.redirectUri="http://192.168.0.50:8081/web
client"
keycloak.executeActionsEmail.lifespan=12


#########################################################################
#    A C C E S S P A G E   S C H E M A
#########################################################################
# main platform schema with accesspage
gwa.schema=


#########################################################################
#    A C C E S S P A G E   S O L U T I O N C O D E
#########################################################################
# platform solution code. This value will be made available in ACL and
groovy by session variable gw_solutionCode
gw.solution.code=


#########################################################################
#    R O L E S
#########################################################################
# disable roles, default false. (issue #1641)
gwa.role.disabled=true


#########################################################################
# U S E R   S E T T I N G S   M A N A G E M E N T
#########################################################################
#hide the whole userSettings UI when true. default false
userSettings.management.disabled=false
#hide the change language UI when true. default false
userSettings.management.changeLanguage.disabled=false
#hide the change contrast UI when true. default false (from 4.7.3,
issue #1347)
userSettings.management.changeContrast.disabled=false
#hide the change scopes UI when true. default false
userSettings.management.changeScopes.disabled=false
#hide the change group UI when true. default true
userSettings.management.changeGroup.disabled=true
#hide the restore defaults UI when true. default false
userSettings.management.restoreDefaults.disabled=false
#@Deprecated from 4.6.0, default false. It was misleading:
changePassword and not resetPassword. Use
userSettings.management.resetPassword.disabled instead
#resetPassword.disabled=false
#hide the change password UI when true. default false
userSettings.management.changePassword.disabled=false
#with gw-keycloak module added it's auto generated (ex:
```

```
[server]/realms/[realm]/account/password), default null
userSettings.management.changePassword.url=
#hide the edit profile UI when true. default true
userSettings.management.editProfile.disabled=false
#with gw-keycloak module added it's auto generated (ex:
[server]/realms/[realm]/account), default null
userSettings.management.editProfile.url=
#@Deprecated from 4.6.0, default false. Use
userSettings.management.logout.disabled instead
#logout.disabled=false
#hide the logout UI when true. default false
userSettings.management.logout.disabled=false
#@Deprecated from 4.6.0, default null. Included in
userSettings.management.*. Use userSettings.management.logout.url
instead
#logout_url=
#default '/gw_logout'. when using Keycloak, in general it's already
pre-configured inside the Keycloak spring-security.xml
userSettings.management.logout.url=


#####################################################################
# I N F O   &   S U P P O R T   M A N A G E M E N T
#####################################################################
#hide the whole infoAndSupport UI when true. default false
infoAndSupport.management.disabled=false
#hide the trainingCenter UI when true. default false
infoAndSupport.management.trainingCenter.disabled=false
#String, default null. If omitted system looks for the file
WEB/trainingcenter/geoweb_trainingcenter.html
infoAndSupport.management.trainingCenter.url=
#hide the assistance UI when true. default false
infoAndSupport.management.assistance.disabled=false
#String, default null. If omitted system looks for the file
WEB/assistance/geoweb_assistance.html
infoAndSupport.management.assistance.url=
#hide the infolicence UI when true. default true
infoAndSupport.management.infoLicence.disabled=true
#String, default null. If omitted system looks for the file
WEB/aboutof/geoweb_aboutof.html
infoAndSupport.management.aboutOf.url=
#String, default null. If omitted system looks for the file
WEB/termsandconditions/geoweb_termsandconditions.html
infoAndSupport.management.termsAndConditions.url=
#hide the privacy UI when true. default true
infoAndSupport.management.privacy.disabled=true
#@Deprecated from 4.6.0, default null. Included in
infoAndSupport.management.*. Use infoAndSupport.management.privacy.url
instead
#gwPrivacyLink=
```

```
#String, default null. If omitted system looks for the file
WEB/privacy/geoweb_privacy.html
infoAndSupport.management.privacy.url=


#####################################################################
# N O T I F I C A T I O N S   M A N A G E M E N T
#####################################################################
#hide the notifications UI when true. default false
notifications.management.disabled=true
#time before cannot rollback the hide operation. default 10 sec
notifications.management.hide.timer=
#refresh interval. default 10 min
notifications.management.update.timer=


#####################################################################
# H O M E   B U T T O N
#####################################################################
#form 4.6.0 homeButton is the top left platform logo. Always visible
#default true. When false the button is disabled
homeButton.enabled=true
#platform logo is shown by default, retrieved from path: firstly from
WEB/images/svg/platform_logo.svg
#and, when missing, from WEB/images/platform_logo.svg and
WEB/images/platform_logo.png
#It can to be overridden with fa- css class (ex:
homeButton.iconName=fa-solid fa-house) or in [img_name].[ext] format,
#with base path equals to WEB/images/ (ex:
homeButton.iconName=custom_home.png or
homeButton.iconName=svg/custom_home.svg)
homeButton.iconName=
#url of the opened browser page. Default is the root '/'. It had to be
configured when access-page module is used
homeButton.url=
#Window name to grant the home page to be opened in always in the same
window. Default is 'gwindex'
homeButton.windowName=


#####################################################################
# F U N C T I O N   S E L E C T O R
#####################################################################
#hide the whole functionSelector UI when true. default false. It's a
global param. GwProject xml configuration has the priority
functionSelector.disabled=false


#####################################################################
# O B J E C T   S E L E C T O R
#####################################################################
```

```
#boolean, default false. NOT IMPLEMENTED YET
#By default, to select the working session object, it's used the old
system (gwClass DACL + externalTable widget based)
#When true, it's not used the externalTable widget, but an UI similar
to the functionSelector. gwClass DACL confs are stil applied
objectSelector.useAccessPageUI=false
#boolean, default false. NOT IMPLEMENTED YET
#When true, both the UI similar to the functionSelector and the new
access page model are used (data inside gwa_fun_r_obj had to be kept
aligned with the DACL configurations)
objectSelector.useAccessPageModel=false


#####################################################################
# L O G O S   C U S T O M I Z A T I O N
#####################################################################
#relative path to the .svg file, from static content, (height forced
10px by geoweb, no padding or margin must to be provided),
#that eventually have to be used in the top-left info bar section,
#instead of the geoweb logo (in this case moved to the top-right info
bar section)
#[3rd_level_domain] is automatically retrieved from the http request in
aim to dynamically
#adjut logo using the same in-cloud geoweb instance
gwa.[3rd_level_domain].logo=


#####################################################################
# A U T H E N T I C A T I O N
#####################################################################

#PRE AUTHENTICATION CREDENTIALS (optional)
#@Deprecated
#An explicit spring.security.xm configuration is needed
#Next two parameters, both optional, work in conjunction and maybe used
to create a simplified authentication mechanism (if oauth2 is not
possible, or not jet implemented, for example)
#Every call to server will be considered allowed if contains in its
headers section a parameter called SM_USER properly populated.
#This parameter should be computed making the sha512 of the string
resulting from the concatenation of preAuthUser and preAuthKey
parameter, with a | character in the middle.
#Here the pseudo code:
#
# var SM_USER = SHA512(preAuthUser+"|"+preAuthKey)
#
# Ex:
#
#     SM_USER:
2ca0e5a3633f7c8306505d3c7edcdaac29c93ae689e0b1182c3da4bfdc763758745e768
```

```
4926042b840d6beb193ffd4e11fa9d1d73d0bec43f42348cca4f2aedd
#
#preAuthUser=ws_test
#preAuthKey=ws_test_1

#PRE AUTHENTICATED LOGOUT (optional)
#By default if an user click logout button, Geoweb redirect him to
loginPage.
#This behavior can to be overridden setting this variable, and de-
commenting the spring.security.xml block
# <logout success-handler-ref="customLogoutSuccessHandler" />
#As result the user will to be redirected at the set URL
#preAuthenticated_logout_url=https://loginatla.gse.it/AGLogout



#########################################################################
# A N O N Y M O U S   U S E R
#########################################################################
#default false
anonymousUser.interoperabilityServicesAllowed=false


#########################################################################
# A P P R O V A L
#########################################################################
#default true
gwApproval.exitOnFirstReject=true


#########################################################################
# IFC
#########################################################################
#default true
ifc.xkt.convert=true


#########################################################################
# R A B B I T   P U B L I S H E R
#########################################################################
gwRabbitQueueName=ifc.xkt.converter.queue
#default geoweb.exchange
gwRabbitPublisherExchangeName=geoweb.exchange
gwRabbitQueueHost=localhost
gwRabbitQueuePort=5672
gwRabbitQueueUser=geoweb
gwRabbitQueuePassword=<rabbit_password>
gwRabbitVirtualHost=


#########################################################################
```

```
# U S E R   P R O V I S I O N I N G
#####################################################################
#default true, not implemented
#gwProvisioning.isAutoProvisioningEnabled=true
#default geow_users, not implemented
gwProvisioning.geowUsersClassName=geow_users;
gwProvisioning.geowUsersTableName=x
#default geow_user_groups, not implemented
#gwProvisioning.geowUserGroupClassName=geow_user_groups
gwProvisioning.geowUserGroupTableName=x
#default name_user
gwProvisioning.geowUsersNameColumn=name_user
#default surname_user
gwProvisioning.geowUsersSurnameColumn=surname_user
#default email
gwProvisioning.geowUsersEmailColumn=email
#default descr_user
gwProvisioning.geowUsersDescrUserColumn=descr_user
gwProvisioning.geowUsersInsertClassRecord=
#default false, not implemented
#gwProvisioning.macroroleIsEnabled=false
#default false
gwProvisioning.addDefaultGroup=false
#default guest
gwProvisioning.defaultGroup=guest


#############################################################################
#    E L A S T I C   S E A R C H
#############################################################################
# These parameters are used for insert events in elasticSearch
elastic.search.url=http://elastic.k8s.gwcloud.it/
elastic.search.user=geoweb
elastic.search.password=<password>
elastic.search.index.name=<realm>


#############################################################################
# G E N E R A L  S E T T I N G S
#############################################################################

# DISPLAY DETAILED ERROR MESSAGES
# set true to throw the exception message
# set false to throw a general error message
# default: true
display_detailed_error_messages=true

# dictionary: enabling flag
# default: true
gwm_dictionary.enabled=true
```

```
# custom dictionary: enabling flag
# default: true
gwm_dictionary_custom.enabled=true

#UPLOAD DOCUMENT
# list of file extensions without point and separated by comma - add
extensions considered potentially dangerous
#easy blacklist
#document.blacklist.extension=exe,dll,bat,ocx,so,html
#hard blacklist
document.blacklist.extension=html,exe,pif,application,gadget,msi,msp,co
m,scr,hta,cpl,msc,jar,bat,cmd,vb,vbs,vbe,js,jse,ws,wsf,wsc,wsh,ps1,ps1x
ml,ps2,ps2xml,psc1,psc2,msh,msh1,msh2,mshxml,msh1xml,msh2xml,scf,link,i
nf

#MNEMONIC CODE
# default: true
gwMnemonicCode.reloadAtStartup.enabled=true


#########################################################################
# R E P O R T  S E T T I N G S
#########################################################################
#hide the default detail report ('STAMPA SCHEDA'), default false
#this report is @Deprecated, and this flag must to be set true
hideReportSingleView=true

#check the execution permission upon report (general purpose), default
false
report.permission.enable=false

#global flag that enable the exportable reports (from 4.7.1), default
false
report.exportableReports.enabled=true


#########################################################################
# S U P E R S E T  U R L
#########################################################################
#es: https://superset.svilk8s.gwcloud.it/superset
gw.superset.web.url=


#########################################################################
# N O T I F I C A T I O N
#########################################################################
#True if you don't want to show notifications, default false
notifications.management.disabled=false
#Maximum number of notifications that a user can see when opens
notifications tab (this parameter is optional)
```

```
notifications.management.maxNumber=200
#Time interval that identifies the number of days before today from
which to retrieve notifications to show to the user (this parameter IS
NOT optional)
notifications.management.limitDays=30

#####################################################################
# D O M A I N    A N D    T H E M E
#####################################################################
gwDomain=
gwTheme=


#####################################################################
# C U S T O M I Z A T I O N
#####################################################################
#use it for non standard confs
```

# Admin

configuration.properties

```
#*********************************************************************
#                        A D M I N
#  C O N F I G U R A T I O N   P R O P E R T I E S
#                      T E M P L A T E
#
# in order to configure you application, has to be changed the
# sections between '<' and '>' characters
#*********************************************************************

#####################################################################
# B A S E P A T H
#####################################################################
basePath=file:///C:/Projects/<projectStaticFolder>/WEB/


#####################################################################
# T E M P P A T H
#####################################################################
#used by umplugin, scene, report
tempPath=C:/Project/<projectStaticFolder>/WEB/


#####################################################################
# F I L E S   C O M P R E S S I O N
#####################################################################
```

```
#useCompressed:  =false during development, =true when put in
production
useCompressed=true


#####################################################################
# M E T A D A T A   C A C H E (WEBADMIN)
#####################################################################

#comma (,) separated client server address. Only one is the common case
(no server cluster)
urlList=http://localhost/<projectStaticFolder>/



#####################################################################
# D A T A B A S E S
#####################################################################

#####################################################################
# database ORACLE
#####################################################################


#jdbc.driverClassName=oracle.jdbc.driver.OracleDriver
#jdbc.url=jdbc:oracle:thin:@<ip_address or
server_name>:<port>:<DB_name>
# es: jdbc.url=jdbc:oracle:thin:@ora11dev.gruppoesc.it:1521:ORA11DEV
#jdbc.username=<schemaData_username>
#jdbc.password=<schemaData_password>
#jdbc.maxActive=6
#jdbc.minIdle=2
#jdbc.maxIdle=6
#jdbc.validationQuery=select 1 from dual

#jdbcmetadata.driverClassName=oracle.jdbc.driver.OracleDriver
#jdbcmetadata.url=jdbc:oracle:thin:@<ip_address or
server_name>:<port>:<DB_name>
#es:
jdbcmetadata.url=jdbc:oracle:thin:@ora11dev.gruppoesc.it:1521:ORA11DEV
#jdbcmetadata.username=<schemaMetadata_username>
#jdbcmetadata.password=<schemaMetadata_password>
#jdbcmetadata.maxActive=6
#jdbcmetadata.minIdle=2
#jdbcmetadata.maxIdle=6
#jdbcmetadata.validationQuery=select 1 from dual


#####################################################################
# database POSTGRES
#####################################################################
```

```
jdbc.driverClassName=org.postgresql.Driver
jdbc.url=jdbc:postgresql://<ip_address or server_name>:<port>/<DB_name>
# es: jdbc.url=jdbc:postgresql://127.0.0.1:5432/TEST_GW44
jdbc.username=<schemaData_username>
jdbc.password=<schemaData_password>
jdbc.maxActive=6
jdbc.minIdle=2
jdbc.maxIdle=6
jdbc.validationQuery=select 1

jdbcmetadata.driverClassName=org.postgresql.Driver
jdbcmetadata.url=jdbc:postgresql://<ip_address or
server_name>:<port>/<DB_name>
# es: jdbcmetadata.url=jdbc:postgresql://127.0.0.1:5432/TEST_GW44
jdbcmetadata.username=<schemaMetadata_username>
jdbcmetadata.password=<schemaMetadata_password>
jdbcmetadata.maxActive=6
jdbcmetadata.minIdle=2
jdbcmetadata.maxIdle=6
jdbcmetadata.validationQuery=select 1


#########################################################################
# database SQLSERVER
#########################################################################

#jdbc.driverClassName=com.microsoft.sqlserver.jdbc.SQLServerDriver
#jdbc.url=jdbc:sqlserver://<ip_address or
server_name>:<port>;databaseName=<DB_name>
# es: jdbc.url=jdbc:sqlserver://192.168.0.99:1433;databaseName=geoweb
#jdbc.username=<schemaData_username>
#jdbc.password=<schemaData_password>
#jdbc.maxActive=6
#jdbc.minIdle=2
#jdbc.maxIdle=6
#jdbc.validationQuery=select 1
#
#jdbcmetadata.driverClassName=com.microsoft.sqlserver.jdbc.SQLServerDri
ver
#jdbcmetadata.url=jdbc:sqlserver://<ip_address or
server_name>:<port>;databaseName=<DB_name>
# es:
jdbcmetadata.url=jdbc:sqlserver://192.168.0.99:1433;databaseName=geoweb
#jdbcmetadata.username=<schemaData_username>
#jdbcmetadata.password=<schemaData_password>
#jdbcmetadata.maxActive=6
#jdbcmetadata.minIdle=2
#jdbcmetadata.maxIdle=6
#jdbcmetadata.validationQuery=select 1
```

```
#####################################################################
# M O N G O D B
#####################################################################
#disabling mongo stuff in webadmin
mongo.enabled=false


#############################################################
# S E C U R I T Y
#####################################################################

# length of the time period (in days) for which password is valid - Periodo di validità delle password
gwSecurity.passwordLifeTimeDays=180
# threshold to prohibit reuse of password up to a previous date - Numero minimo di password differenti prima del riutilizzo
gwSecurity.passwordHistoricalCheckingCount=10
# threshold (in days) to prohibit the reuse of the password used from a date onwards
gwSecurity.passwordHistoricalCheckingPeriodDays=1800
# (Account lockout threshold) number of invalid login attempts that are allowed before an account is locked out. - Numero massimo di tentativi di accesso con password errata
gwSecurity.maxAttempts=10
# Account locked time
gwSecurity.accountLockedTimeMinutes=30
# rest token lifetime for reset password ('forget me')
gwSecurity.tokenLifeTimeHours=24

# email forgot password - Subjet - password dimenticata
gwSecurity.resetPasswordEmailSubjet=Richiesta cambio password

# email forgot password - text message - params: {0: userEmail, 1: username, 2: reset_token, 3: resetUrl}
# gwSecurity.resetPasswordEmailMessage=Gentile {1}\\,<br>per inserire una nuova password\\, clicca sul link sottostante:<br> {3} <br><br><br> Cordiali saluti\\, <br> Geowebitalia
gwSecurity.resetPasswordEmailMessage=Gentile {1}\\,<br>E stata inviata una richiesta di impostazione o ripristino della password per il tuo account sul sistema GW4.<br><br>Puoi ora accedere cliccando sul seguente collegamento o copiandolo e incollandolo nel browser: <br><a href="{3}">{3}</a> <br><br>Questo collegamento puo essere utilizzato per accedere una sola volta\\, verrai indirizzato a una pagina dove potrai impostare la tua password. <br>Scade dopo un giorno e non succede nulla se non viene utilizzato. <br><br><br>Cordiali saluti


#####################################################################
# C L I E N T   P A S S W O R D   R E G E X
```

```
#####################################################################
#gwClientPasswordRegex: regex applied to dijit/form/ValidationTextBox
widget

#Minimum eight characters, at least one uppercase letter, one lowercase
letter, one number and one special character of #?!@$%^&-_
#gwClientPasswordRegex=^(?=.*?[A-Z])(?=.*?[a-
z])(?=.*?[0-9])(?=.*?[#?!@$%^&*-_]).{8\\,}$
#Minimum eight characters, at least one uppercase letter, one lowercase
letter, one number and one special character of $!%*?&
gwClientPasswordRegex=^(?=.*[a-z])(?=.*[A-
Z])(?=.*\\\d)(?=.*[$@$!%*?&])[A-Za-z\\\d$@$!%*?&]{8\\,}

#gwClientPasswordRegexPromptMessage: Tooltip text that appears when the
text box is empty and on focus
#gwClientPasswordRegexPromptMessage=La password deve contenere almeno 8
caratteri di cui almeno una lettera maiuscola\\, almeno una lettera
minuscola\\, almeno un numero\\, almeno un carattere speciale fra: # ?
! @ $ % ^ & - _
gwClientPasswordRegexPromptMessage=La password deve contenere almeno 8
caratteri di cui almeno una lettera maiuscola\\, almeno una lettera
minuscola\\, almeno un numero\\, almeno un carattere speciale fra: $ !
% * ? &
```

# Dettaglio Sezioni

## MongoDB

### Configurazione .xml rimossa

Dalla versione 4.6.x la configurazione di mongo DB è esclusivamente espletata tramite codice java. Tutta la configurazioni sono state rese di fatto manovrabili dal file configurationProperties/remapConfiguration.properties.

### mongo.enabled

Dalla versione **4.6.x** è presente il flag (default true per retrocompabilità) che permette, se posto a false, di disabilitare la creazione dei bean di Mongo. Si evitano quindi, in caso di configurazione errata/mancante, i relativi errori sul log in fase di avvio dell'applicativo. Se mongo.enabled è true, viene invece effettuata una validazione sulla correttezza degli altri parametri, e nel caso generato un errore non bloccante.

### mongo.uri

Il parametro mongo.uri (gia disponibile dalla 4.4.x) dalla 4.6.x è l'unico parametro configurable, quindi required e non più opzionale. **I parametri mongo.host e mongo.port NON SONO PIU VALUTATI**. Nelle 4.4.x/4.5.x mongo.host e mongo.port, erano Deprecati ma ancora utilizzabili in alternativa a mongo.uri. Dentro mongo.uri si possono specificare più host, ognuno eventualmente corredato dalla propria porta (di default è 27017). Dentro mongo.uri possono essere specificate delle credenziali, database ed ulteriori opzioni, che saranno in gestite dal bean che effettua la connessione.

mongo.uri pattern:

```
mongodb://[username:password@]host1[:port1][,host2[:port2],...[,hostN[:portN]]][/[database][?options]]
```

mongo.uri esempi:

```
mongodb://localhost
mongodb://localhost1:27017
mongodb://localhost1:27018
mongodb://username:password@localhost:27017,localhost1,localhost2:27018
```

### Mongo Credentials

L'istanza del DB di Mongo può prevedere l'abilitazione di credenziali (assolutamente consigliato in produzione). Questo è il set di parametri, opzionali, che va eventualmente configurato:

- **mongo.authentication** optional, default null, allowed values: [SCRAM-SHA-1,MONGODB-X509,MONGODB-CR,GSSAPI,PLAIN]
- **mongo.password** optional, default null. Depending on mongo.authentication value, password can be required or forbidden:
  - when mongo.authentication value is SCRAM-SHA-1 or MONGODB-CR or PLAIN ⇒ password must be always configured
  - when mongo.authentication value is GSSAPI or MONGODB-X509 ⇒ password must be always omitted
- **mongo.username** is always required if credentials are enabled
- **mongo.source** is always required if credentials are enabled

L'utilizzo delle credenziali si considera attivato se almeno uno di questi parametri è configurato. Geoweb proverà ad utilizzarli per creare le credenziali per il bean mongoClientFactoryBean. Da notare che queste possono essere sovrascritte dalle credenziali eventualmente present dentro mongo.uri, se il flag mongo.forceToUseURICredentials è abilitato.

#### Mongo Database

Geoweb si aspetta esistere tre database, che vengono usati per persistere i dati riguardanti 3 macrocomponenti del framework:

- **Modelli BIM**

- **Classificazione**
- **Codici Mnemonici**

Per convenzinone ogni proprietà mongo.db_* del configuration.properties va configurata seguendo questo pattern:

```
[DATABASE_NAME][SUFFIX]
```

Dove i suffissi disponibili sono:

- '_BIM_MODELS'
- '_CLASSIFICATION'
- '_MNEMONIC_CODE'

Per esempio, se [DATABASE_NAME] vale 'DB_NAME':

```
mongo.db_classification=DB_NAME_CLASSIFICATION
```

## Gestore Documentale (CMS)

### CMIS (rimosso dalla 4.9.0)

Dalla 4.9.0 la libreria OpenCMIS è stata rimossa e il documentale è **solo il CMS** (sezione seguente). Le chiavi cmisUrl, cmisUser, cmisPassword, cmisBasePath, cmisType ed enableCmisCache non sono più lette. I widget CMIS (Attachments 26, CmisDocumentWidget 43, ContentHandler 600 e la sorgente CMIS di ImgPathGallery 47) sono dismessi e vanno convertiti nei widget CMS (vedere la pagina migrazione alla 4.9.X e il paragrafo “Conversione dei widget CMIS dismessi” più sotto).

### CMS

Con la versione 4.6.0 è stata introdotta una nuova modalità di gestione dei documentali che non prevede l'utilizzo della libreria Java OpenCMIS (ormai deprecata). Per il funzionamento di questa nuova modalità, sono stati aggiunti 6 nuovi parametri al configuration.properties che iniziano con il prefisso cms.api.

Per l'abilitazione di questa nuova modalità va impostato il parametro **cms.api.enabled** a 'true' (ovviamente se impostato a 'false' verrà invece disabilitata). Il valore di default (cioè se il parametro non esiste nel configuration.properties) è 'false' per garantire la retro-compatibilità. Se questo parametro è uguale a 'true', allora tutti i successivi parametri devono esistere ed essere valorizzati, altrimenti si andrà incontro ad errori di connessione con il documentale.

Il parametro **cms.api.name** deve indicare il tipo di documentale utilizzato dall'applicativo. Attualmente possono essere gestite due tipologie di documentale, quindi le opzioni per questo parametro sono 'alfresco' oppure 'sharepoint'. Si noti che, per quanto riguarda alfresco, questa modalità può essere usata solo con versioni uguali o superiori alla 5.2.

Similmente ai parametri usati dal CMIS cmisUser e cmisPassword, devono essere configurati **cms.api.user** e **cms.api.password** con - rispettivamente - l'username e la password di accesso al

documentale.

Il parametro **cms.api.baseUrl** deve contenere l'url che punta al documentale scelto. Alcuni esempi sono http://winsharepoint:1000/siti/test per sharepoint oppure http://acs.k8s.gwcloud.it/alfresco per alfresco 7.

Infine, il parametro **cms.api.rootPath** deve indicare il path della cartella iniziale su cui poi i widget andranno a creare altre cartelle, leggere i documenti, caricarli, modificarli, cancellarli, eccetera.

Di seguito il recap della nuova sezione di parametri:

```
#####################################################################
#   C M S   A P I   R E S T   W I D G E T
#####################################################################
cms.api.enabled=true
#cms.api.name options: [alfresco,sharepoint]
cms.api.name=alfresco
cms.api.user=admin
cms.api.password=<cmisAdminPassword>
cms.api.baseUrl=http://acs.k8s.gwcloud.it/alfresco
cms.api.rootPath=/Sites/TestSite/Documenti
```

## MapGuide

Dalla versione **4.9.0** si usa **solo il jar di binding MapGuide 4** (org.osgeo:mapguide 4.0.0): il WebTier 3.1 è dismesso. Nel setenv di Tomcat vanno anteposte al PATH le cartelle native di MapGuide 4 prima di quelle di un'eventuale installazione MapGuide 3 e impostato -Djava.library.path, altrimenti la DLL JNI non si carica.

### MgInitializer

Service that initialize MapGuide WebTier using the provided webconfig.ini file.

### Geoweb loading strategy

- firstly is used the WEBCONFIG_INI_PATH absolute path configured inside the configuration.properties file (This is generally used in deployments where a dynamic behavior is needed, or that involves Linux + WebLogic, or Docker-like contexts)
- secondarily from static contents
- as last chance from classPath

#### Re-mapping

The remapConfiguration.properties mechanism that load properties from System Environment/Context variables is supported as well, and is often used when dynamic setting is needed.

So the path in WEBCONFIG_INI_PATH can be dynamically re-mapped to a System Environment/Context variable (configuring a mapping inside remapConfiguration.properties).

There is the possibility to dynamically override also the IpAddress and Port(s) properties set inside webconfig.ini file, using the appropriate configurations existing inside configuration.properties file (see all the mapguide.webconfig.ini.* properties below).

If at least one of the IpAddress and Port(s) properties is overridden. A new webconfig.ini file (named webconfig_mod.ini) will be created (at the same path) with the new configurations and given to be processed by the MapGuideJavaApi.MgInitializeWebTier(path) java API. The IpAddress is handled by MapGuide only in the IPV4 form, but it can come from configuration.properties/SystemEnvVariables as a IPV6 or a host name. In case of host name, it will be resolved using a DNS service, converted in a IPV4 format address. In case of IPV6 address, it will be converted in the equivalent IPV4, only when possible. In all cases the new IP address will be set into the new webconfig_mod.ini file in IPV4 format. IpAddress can be composed by more than one IP address, comma separated (','), in all the supported formats above. If more than one IP address is configured, all the invalid ones will be not used, logging the fact. MapGuide will be however initialized with the remaining valid IP addresses.

### Automatic resource package load

Before version 4.4.0 it was possible to export/import inside MapguideServer the .mpg resources files only using MapGuide Maestro. Now there is an automatic procedure that look for all the packages with extension .mpg existing under this path [geowebfolder]/mapguide/ The [geowebfolder] is configurable under configuration.properties. If the file is found, GeoWeb try to load to all the available .mpg files to all the MapGuide servers. MapGuide servers list is retrieved from the IpAddress property inside section SiteConnectionProperties inside webconfig.ini file. If more than one is configured, Geoweb expects them as a comma separated (',') list. Each packages can contains one or more folder with a resources structure. There is a mechanism that ensures that a single .mpg file, if not modified subsequently, it will not to be reloaded on MapGuide on the next server startup (the md5 of file is saved to check if file has changed at the next time). To perform this check there an improper use of a MapGuide metadata: Symbol. We choose to use a MapGuide metadata, like Symbols, because they are easily accessible through Java API from all the eventual existing Geoweb instances, that share the use of the one(multiple) MapGuide server(s). All Symbols used to persist loading informations are stored under a support folder called '_gw_packages_info', under the main MapGuide Library folder. A Symbol is created for each .mpg file. As 'Name' is used the .mpg file, without extension. 'Description' field is populated concatenating [md5hex]+'_@@@_'+[true/false]. The final boolean is a flag used to persist the 'isLoading' status during the loading resources process. If a Geoweb instance finds this flag set to true, is notified that another Geoweb instance is taking care of loading that resource package, and it will not care about doing it.

### Automatic resource package processing

For every loading resource .mpg packages deeper elaborations maybe performed. All files *.FeatureSource_CONTENT.xml may to be modified if as <Provider> declare one the the handled types:

- King.Oracle
- OSGeo.PostgreSQL

- OSGeo.SQLServerSpatial

On all matching files inside .mpg package is performed a substitution regarding the content of these tags:

- <Service>
- <Username>
- <Password>
- <DataStore>

The new tag content is retrieved from some specific properties inside configuration.properties file with this radix:

```
mapguide.resourcepackage.featuresource.*
```

All these properties support the remapConfiguration.properties mechanism that load properties from System Environment/Context variables.

Note: is important to be sure that the .mpg file will not to be used by another process at the Geoweb server startup (7zip for example). In that case Geoweb will not to be able to process the file, and an exception will be thrown. The exception will not to be blocking. So in case of multiple .mpg files each loading process will continue independently.

#### Esempi Log

Ecco alcuni esempi del log riepilogativo che viene prodotto in fase di startup del server Geoweb.

Un solo IpAddress configurato; un file .mpg trovato; elaborazione .mpg terminata con successo; risorsa caricata con successo;

```
--------------------------------------------------------------------------------
--------------------
15-10-2019 10:18:18,085 [localhost-startStop-1] GEOWEB INFO

MgInizializer - init()
Now Geoweb wil try to load the webconfig.ini. This is the loading priority.
Geoweb firstly look for the property mapguide.pathTo.webconfig.ini inside
configuration.properties. Secondarily, if missing, Geoweb looks for the file
webconfig.ini under static contents folder.As last chance Geoweb looks for
the file webconfig.ini under the classPath.
Property mapguide.pathTo.webconfig.ini had been found inside
configuration.properties file with valorized
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
Configured path refers to an existing file
Initializing MapGuide with the file:
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
applyResourcePackageInAllMapGuideServer()
Checking if there is a resource package to apply to MapGuide Server..
Loooking for folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide..
Folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide exists
```

```
building all the resource package in folder:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide
building resource package named: cde_test_2.mgp
siteAddressList: [192.168.0.225]
applyResourcePackage() - resourcePackage:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp
computeMd5Hex() - file:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp
md5 computed in nanoseconds: 12289400
computed md5Hex: 19f5ddb761d9bb4dc3668e5a1df234df
  * nAddressLeft: 1
  * attemp number: 1
  * currentSiteAddress: 192.168.0.225
  * Resource package correctly applied to MapGuide site address:
192.168.0.225
done
--------------------------------------------------------------------------
--------------------
```

Due IpAddress configurati (uno esistente ed uno finto); un file .mpg trovato; elaborazione .mpg terminata con successo; risorsa caricata con successo solo su un MapGuide address;

```
--------------------------------------------------------------------------
--------------------
15-10-2019 10:18:18,085 [localhost-startStop-1] GEOWEB INFO

MgInizializer - init()
Now Geoweb wil try to load the webconfig.ini. This is the loading priority.
Geoweb firstly look for the property mapguide.pathTo.webconfig.ini inside
configuration.properties. Secondarily, if missing, Geoweb looks for the file
webconfig.ini under static contents folder.As last chance Geoweb looks for
the file webconfig.ini under the classPath.
Property mapguide.pathTo.webconfig.ini had been found inside
configuration.properties file with valorized
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
Configured path refers to an existing file
Initializing MapGuide with the file:
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
applyResourcePackageInAllMapGuideServer()
Checking if there is a resource package to apply to MapGuide Server..
Loooking for folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide..
Folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide exists
building all the resource package in folder:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide
building resource package named: cde_test_2.mgp
siteAddressList: [192.168.0.225, 192.168.0.168]
applyResourcePackage() - resourcePackage:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp
computeMd5Hex() - file:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp
```

```
md5 computed in nanoseconds: 12289400
computed md5Hex: 19f5ddb761d9bb4dc3668e5a1df234df
  * nAddressLeft: 2
  * attemp number: 1
  * currentSiteAddress: 192.168.0.225
  * Resource package correctly applied to MapGuide site address:
192.168.0.225
  * nAddressLeft: 1
  * Resource package had not been updated on n 1 MapGuide address:
[192.168.0.168]
done
--------------------------------------------------------------------------------
--------------------
```

Proprietà 'geowebfolder' configurata ma incorretta. Oppure mancanza della folder 'mapguide' dentro la geowebfolder

```
--------------------------------------------------------------------------------
--------------------
15-10-2019 10:21:18,732 [localhost-startStop-1] GEOWEB INFO

MgInizializer - init()
Now Geoweb wil try to load the webconfig.ini. This is the loading priority.
Geoweb firstly look for the property mapguide.pathTo.webconfig.ini inside
configuration.properties. Secondarily, if missing, Geoweb looks for the file
webconfig.ini under static contents folder.As last chance Geoweb looks for
the file webconfig.ini under the classPath.
Property mapguide.pathTo.webconfig.ini had been found inside
configuration.properties file with valorized
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
Configured path refers to an existing file
Initializing MapGuide with the file:
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
applyResourcePackageInAllMapGuideServer()
Checking if there is a resource package to apply to MapGuide Server..
Loooking for folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide..
Cannot load any resource package. Property geowebfolder inside file
configuration.properties results configured but is incorrect.Resource
package file must be placed under the specified folder, respecting the path:
[geowebfolder]/mapguide/ and named with extension: .mgp.Please check that
the configured name match the folder name in file system.
done
--------------------------------------------------------------------------------
--------------------
```

Due IpAddress configurati (uno esistente ed uno finto); un file .mpg trovato; elaborazione .mpg fallita perchè file aperto con un programma esterno (7zip) durante lo startup del server; risorsa caricata solo su un server (ma senza elaborazione);

```
--------------------------------------------------------------------------------
--------------------
```

```
15-10-2019 10:04:34,395 [localhost-startStop-1] GEOWEB INFO

MgInizializer - init()
Now Geoweb wil try to load the webconfig.ini. This is the loading priority.
Geoweb firstly look for the property mapguide.pathTo.webconfig.ini inside
configuration.properties. Secondarily, if missing, Geoweb looks for the file
webconfig.ini under static contents folder.As last chance Geoweb looks for
the file webconfig.ini under the classPath.
Property mapguide.pathTo.webconfig.ini had been found inside
configuration.properties file with valorized
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
Configured path refers to an existing file
Initializing MapGuide with the file:
S:/deploy/GW_MODULES_MG31/conf/webconfig.ini
applyResourcePackageInAllMapGuideServer()
Checking if there is a resource package to apply to MapGuide Server..
Loooking for folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide..
Folder S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide exists
building all the resource package in folder:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide
building resource package named: cde_test_2.mgp
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp:
Impossibile accedere al file. Il file è utilizzato da un altro processo.
Error building resource package named: cde_test_2.mgp
siteAddressList: [192.168.0.225, 192.168.0.168]
applyResourcePackage() - resourcePackage:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp
computeMd5Hex() - file:
S:\deploy\GW_MODULES_MG31\WEB\geowebfolder\mapguide\cde_test_2.mgp
md5 computed in nanoseconds: 6628700
computed md5Hex: 1f769acff2fc69590a87699c4fbafe7f
  * nAddressLeft: 2
  * attemp number: 1
  * currentSiteAddress: 192.168.0.225
  * Resource package correctly applied to MapGuide site address:
192.168.0.225
  * nAddressLeft: 1
  * Resource package had not been updated on n 1 MapGuide address:
[192.168.0.168]
done
--------------------------------------------------------------------------------
--------------------
```

## Workflow

### WorkflowInizializerService

Dalla versione **4.9.0** il motore è **Flowable 7.2.0** (prima Activiti 5.23). La cartella

[geowebfolder]/activiti/, le property workflow.activiti.* e la convenzione tra Process Definition ID e nome del GwProcess restano invariate. I dati dei workflow esistenti si migrano con lo step flowableMigration del gw-resources-deployer.

WorkflowInizializerService, as well as common xInitializerService stuff, performs an automatic Activiti Process Definition (.bpmn file) deploy.

Before **gw version 4.4.4** it was possible to handle Activiti deployments only from the Webadmin (manually managing the .bpmn files) Now there is an automatic procedure that look for all the Process Definitions files with .bpmn extension existing under this path

```
    [geowebfolder]/activiti/
```

The [geowebfolder] is configurable under configuration.properties file. If the file is found, GeoWeb try to load to all the available .bpmn files and to deploy them inside Activiti workflow engine.

In geoweb exist the following convention:

**Activiti Process Definition ID ⇐= matches =⇒ GwProcess name**

This convention is respected even here: the name of every .bpmn file HAVE TO MATCH with one GwProcess name. If a relation is found, the .bpmn is deployed and linked to the GwProcess. This is not an Activiti requirement, that blocks the ProcessDefinition deploy, but it is simply an our choice in aim to avoid to erroneously deploying things unrelated to GwProcess.

There is a mechanism that ensures that a single .bpmn file, if not modified subsequently, it will not to be deployed again on Activiti on the next server startups: a md5 check is performed at this purpose. If we want to exclude that md5 check there is a flag to enable inside configuration.properties (**default false**)

```
workflow.activiti.forceDeploy.enabled=true
```

## Personalizzazioni Loghi

TODO

## Elastic Search per registrazione eventi

Dalla versione 4.6.x è stato introdotto il concetto di evento e di registrazione degli eventi. Per questo, sono stati predisposti dei nuovi servizi che si occupano proprio di registrare gli eventi creati sia a livello di configurazione, sia a livello di utilizzo base del framework (ad esempio in caso di operazioni CRUD in tabella).

Gli eventi vengono registrati su apposite tabelle ma anche nel database non relazionale ElasticSearch. In quest'ultimo caso, affinché possa avvenire la connessione al database, è necessario che nel configuration.properties siano presenti e correttamente valorizzati i seguenti nuovi parametri:

```
#####################################################################
#    E L A S T I C   S E A R C H
```

```
#####################################################################
# These parameters are used for insert events in elasticSearch
elastic.search.url=http://elastic.k8s.gwcloud.it/
elastic.search.user=geoweb
elastic.search.password=<password>
elastic.search.index.name=<realm>
```

Inoltre, per la corretta registrazione degli eventi, è necessario valorizzare anche i seguenti nuovi parametri, che si riferiscono al modulo e alla piattaforma dell'applicativo:

```
#####################################################################
#    P L A T F O R M      A N D      M O D U L E
#####################################################################
codPlatform=
codModule=
```

## Keycloak (login OIDC)

Dalla versione **4.9.0** il login Keycloak non usa più l'adapter ufficiale (dismesso) ma l'OIDC nativo di Spring Security 7 (modulo gw-keycloak). Per attivarlo: nel pom del progetto la dipendenza gw-keycloak, nel web.xml il file /WEB-INF/spring-security-keycloak.xml al posto di /WEB-INF/spring-security.xml e il file WEB-INF/keycloak.json. Il formato di keycloak.json è invariato (realm, auth-server-url, resource, public-client o credentials.secret).

Impostazioni del client in Keycloak (le applica lo step keycloak del gw-resources-deployer):

| **Impostazione** | **Valore** |
|---|---|
| Valid redirect URIs | baseUrl/* (usato: baseUrl/login/oauth2/code/keycloak) |
| Valid post logout redirect URIs | baseUrl/ |
| Backchannel logout URL | baseUrl/logout/connect/back-channel/keycloak |
| Backchannel logout session required | attivo |

- Il logout è RP-initiated (con id_token_hint) e c'è il **Back-Channel Logout** (OIDC Back-Channel Logout 1.0): quando la sessione SSO termina, Keycloak notifica l'applicazione e questa invalida la sessione HTTP corrispondente.
- Il Backchannel logout URL deve essere raggiungibile dal server Keycloak, altrimenti il logout resta appeso.
- Il registro delle sessioni è in memoria per nodo: in cluster senza affinità di sessione la notifica può arrivare a un nodo diverso da quello della sessione.
- Keycloak autentica; gruppi e permessi restano nel database GW e l'utente deve esistere anche nelle tabelle utenti GW (stesso username).
- L'host Keycloak deve avere un certificato valido per la JVM. Versione provata: Keycloak 26.8.1.

## Conversione dei widget CMIS dismessi

La voce di menu del webadmin “Strumenti avanzati → Converti widget CMIS dismessi” e lo step retiredWidgets del gw-resources-deployer chiamano l'endpoint POST retiredWidgets/convert del webclient. L'endpoint è protetto da un valore derivato dalle credenziali del database dei metadati

(HMAC calcolato con jdbcmetadata.password): **non c'è nessuna property da aggiungere**, ma webclient, webadmin ed eventuale deployer devono avere le stesse jdbcmetadata.*; se nel webclient jdbcmetadata.password non è impostata la funzione è disattivata (HTTP 403). Nel webadmin serve urlList (viene usato il primo indirizzo); nel webclient cms.api.enabled=true. Per il deployer: retiredWidgets.url (indirizzo del webclient) e retiredWidgets.dryRun (predefinito true: anteprima, senza scrivere).

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