configuration.yml

The file *configuration.yml* contains the main configuration of OpenCGA Catalog.

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configuration.yml

```
logLevel: "INFO"
logFile: null

openRegister: false
userDefaultQuota: 200000

databasePrefix: ${OPENCGA.DB.PREFIX}
dataDir: ${OPENCGA.USER.WORKSPACE}
tempJobsDir: ${OPENCGA.JOBS.DIR}
toolDir: ${OPENCGA.TOOLS.DIR}

admin:
  password: ""
  email: ""

audit:
  maxDocuments: 20000000 # Maximum number of documents that will be
created in the audit collection.
  maxSize: 100000000000  # Maximum size that the audit collection will
have in bytes.
  javaClass: ""          # Java class of the audit implementation to be
used to audit.
  exclude: []            # Array of resource:action to select pairwise
resource-actions to be excluded for audit purposes.

monitor:
  daysToRemove: 30
  executionDaemonInterval: 4000 # number of milliseconds between checks
  fileDaemonInterval: 8000      # number of milliseconds between checks
  port: ${OPENCGA.MONITOR.PORT}

execution:
  mode: ${OPENCGA.EXECUTION.MODE}
  defaultQueue: ""
  availableQueues: ""
  toolsPerQueue: {}

email:
  host: ${OPENCGA.MAIL.HOST}
  port: ${OPENCGA.MAIL.PORT}
  user: ${OPENCGA.MAIL.USER}
  password: ${OPENCGA.MAIL.PASSWORD}
  from: ""
  ssl: false

catalog:
  # offset: Starting point for the catalog internal ids. Use a big offset
number (1000000 for instance) if you plan to use numerical ids
  #         for names or aliases of any entity.
  offset: 0
  database:
    hosts:
    - ${OPENCGA.CATALOG.DB.HOSTS}
    user: ${OPENCGA.CATALOG.DB.USER}
    password: ${OPENCGA.CATALOG.DB.PASSWORD}
    options:
      authenticationDatabase: ${OPENCGA.CATALOG.DB.AUTHENTICATION_DATABASE}
      connectionsPerHost: ${OPENCGA.CATALOG.DB.CONNECTIONS_PER_HOST}

authentication:
  # Session expiration time in seconds
```

```
  expiration: 3600
# LDAP configuration example
  #authenticationOrigins:
  #- id: ldap            # Any id
  #  type: LDAP          # At the moment, we only support LDAP
  #  host: ldap://localhost:9000
  #  options:
  #    usersSearch: dc=ge,dc=co,dc=uk # Base search to look for the users
  #    groupsSearch: ou=general,ou=groups,dc=ge,dc=co,dc=uk # Base search
to look for the groups

server:
  rest:
    port: ${OPENCGA.SERVER.REST.PORT}
    logFile: null
    defaultLimit: 2000
    maxLimit: 5000

  grpc:
    port: ${OPENCGA.SERVER.GRPC.PORT}
    logFile: null
```

The file is divided into several sections that will be explained in detail.

Root file

The first sections of the file *logLevel* and *logFile* should contain the level of the logs that will be reported (info, debug, warning, error) and whether this logs should be streamed to a file or via the standard output.

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