# Installation and usage of CIS StandaloneAdaptor

* 1. CIS installation and configuration
     1. CIS Adaptor Installation

The CIS Adaptor is package and zipped and contains everything to run the Adaptor. The software itself is an executable jar with contains an embedded tomcat for exposing the REST Endpoints to/from the Application and to/from the CIS Distributor. The CIS Adaptor needs an installed JDK 8 on the machine where he has to be executed. Configuration changes are only recognized during the Adaptor startup sequence.

* + 1. CIS Adaptor Configuration

The Adaptor needs to know some predefined data that are provided by properties files, located in the config directory which is also part of the Adaptor zip file. Following configurations need to be done / defined:

#the port on which the tomcat is listening

server.port=8081

#path to the schema for message validation

edxlde.schema.location=./schema/edxlde/edxl-de-v2.0-wd11.xsd

core.edxlde.validate=true

#ignore errors on startup (only for testing)

startup.ignore.error=false

#Distribution config

#can be FILE, KAFKA, LB

distribution.env=KAFKA

#the default communication group online room to which the data will be sent

cgor.default.name=driver

#The Organisation name for which die Adaptor is configured

cis.org.name=DRIVER

#Loopback distributor REST Endpoint (for testing without Distributor)

distributor.lb.host=localhost

distributor.lb.port=8180

distributor.lb.path=core/CISConnector/postmessage

#The Application callback to which the message content is sent

application.callback.rest.endpoint=http://localhost:8180/core/CISConnector/testendpoint

#define if you want to send the original message of enveloped

application.callback.send.orig=false

#Kafka configuration

#The server under which the the distributing service is available

distributor.kafka.host=driver-service.ait.ac.at

#The server port

distributor.kafka.port=9092

#The topic to which the consumer should subscribe itself to. Needs to be shared across all connected clients

# DRIVER-EXP

distributor.kafka.topic=DRIVER-TEST

#The consumer's groupId. This value should not be changed until further notice

distributor.kafka.groupId=driverGroupId

#Distributor configuration

#This flag decides whether messages that are sent to the Kafka server should also be processed as if it was a new message

#If it is set to false the EDXL-DE sender ID of the incomming message is checked it matches the configured SenderID

#If they match the incomming message is discarded

distributor.receiveOwnMessages=false