# OBD 测试工具使用手册

## 1.  概述

### 1.1 目的

介绍如何使用OBD Client Tool来模拟OBD设备与OBD Server通信。

### 1.2 适用范围

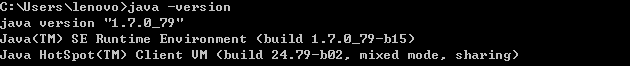
适用于公车管理系统维护人员。

## 2. 运行环境

### 2.1 安装JDK

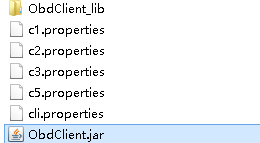
安装JDK1.7，并且设置环境变化JAVA\_HOME到JDK安装路径，并且添加JDK1.7的bin目录到环境变量

**测试** 在命令行运行 java –version



## 3. 部署系统

### 3.1 文件结构



ObdClient.jar： OBD 客户端模拟程序

ObdClient\_lib：模拟程序使用的jar包集合

\*.properties：模拟程序使用的配置文件

### 3.2 命令行参数

Java –jar obdclient.jar –h [IP] –p [Port] –t [Interval] –n [Prop] –c [Count] –b [Obd\_id]

IP: OBD Server 地址

Port: OBD Server 端口

Interval: 信息发送间隔

Prop: 配置文件名称

Count: 模拟客户端数量

Obd\_id: 基础的OBD Number的数值

例如：java -jar obdclient.jar -h 192.168.0.124 -p 9087 -t 5 -n cli -c 300 -b 10000

### 3.3 配置文件

编辑\*.properties文件配置参数,

## ------------------------------------------------------

# on\_active 登录消息

## ------------------------------------------------------

on\_active=40409c0004VVVVV1001bc4897551e4d9755512b09000000000006120000000000000000036400111b000141004944445f3231334730325f532056322e322e36004944445f3231334730325f482056322e322e3600180001180218011a011e011f021f031f041f051f061f071f0121022101110211031104110511061107110112021203120412c8a40d0a

## ------------------------------------------------------

# on\_timer 定时发送的消息

## ------------------------------------------------------

on\_timer=4040360004VVVVV4009384c975503070f1738373e5ed50602fc21193000000003587b0d0a

## ------------------------------------------------------

# on\_read 收到消息后发送的消息

## ------------------------------------------------------

on\_read=

## 4. 服务端配置

修改OBD Server的obd.properties配置文件中的CRC校验为False状态

## ------------------------------------------------------

# verify\_crc\_in\_each\_request

## ------------------------------------------------------

verify\_crc\_in\_each\_request=false

## 5. 附录

OBD模拟客户端测试报文参考

# login 登录消息

#40409c0004VVVVV1001bc4897551e4d9755512b09000000000006120000000000000000036400111b000141004944445f3231334730325f532056322e322e36004944445f3231334730325f482056322e322e3600180001180218011a011e011f021f031f041f051f061f071f0121022101110211031104110511061107110112021203120412c8a40d0a

# live 心跳报文消息

#40401f0004VVVVV1003f9ad0d0a

# sleep gps 休眠GPS消息

#4040360004VVVVV4009384c975503070f1738373e5ed50602fc21193000000003587b0d0a

# alarm -2 告警消息-2

#4040600004VVVVV400702000000bc489755a94c9755512b0900000000000612000000000000200000000011000000430103070f1738373e5ed50602fc2119300000000301010e0000000054350d0a

# alarm -3 告警消息-3

#4040600004VVVVV400703000000bc489755304d9755512b09000000000006120000000000002000036400111b0000430103070f1738373e5ed50602fc2119300000000301010e00000000d5d90d0a

# alarm -5 告警消息-5

#4040600004VVVVV400705000000bc489755204e9755512b09000000000006120000000000002000036400111a0001430103070f1738373e5ed50602fc2119300000000301010e0000000014150d0a

# snap shot 快照消息

#4040b70004VVVVV40051bd197556dd19755622b0900000000000f120000010000000400036400111b0003020022032104210521062107210b210c210d210e210f21102111211321142115211c211f2121212e212f213021312133213c21412142214321442145214621472149214a214c210200193502001c620300071f010117032602fc63065b000000002cff0f3364b6010007a1e17138150080081b16140a0c5c950d0a