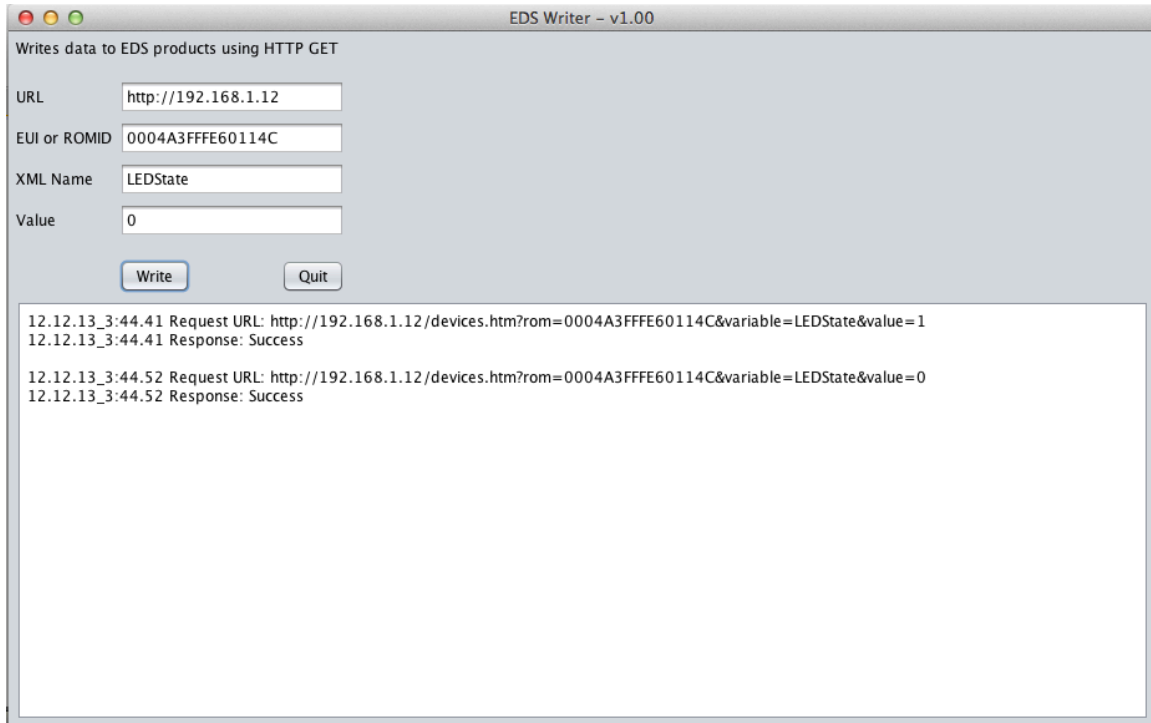


EDS Writer- Java Version 1.00

Operation

This software demonstrates how to programmatically write to a sensor connected to an OW Server or MeshNet Controller via HTTP.

To write a value using this program, enter the URL, EUI (for MeshNet devices) or ROMID (for 1-wire devices), XML Name of the item to write to and the value, then click the Write button. The request URL will be displayed on the information window, followed by the response from the OW Server or MeshNet Controller.



The URL format is the same for both the OW Server and MeshNet Controller.

- rom – this is the ROMId or EUI of the sensor to write to
- variable – this is the variable name as shown in the XML (see below)
- value – this is the value to write

Variable names can be determined by viewing the XML file. On the main webpage, select the Advanced menu, then Details.

Home **Advanced** ▾ System Configuration ▾ Contact us

*Health ranges fr

→ Details	EUI 0004A3FFFE60114C	Device EDS1068
→ Details XML File		

Duration: 15 Minutes ▾ Value: None ▾

The screen shot below shows part of the XML data. Any line with a “Write” button on the right can be written. For example, the first item that can be written in the XML data below is “UserName”, and it is this text string that would be used as the ‘variable’ name.

Firmware Version: 1.13
Devices connected: 1
Date / Time: 2012-12-13 15:54:26
Up Time: 000.00:18:44
Device Name: WirelessController-Enet
Host Name: EDSWIRELESSCTRL
MAC Address: 00:04:A3:7A:DF:1A
Connection status: OK

Data activity
 Enable auto update

Name	EDS1068	
Description	Temperature, Humidity, Barometric Pressure and Light Sensor	
EUI	0004A3FFFE60114C	
ControllerRSSI	-34	
Address	1	
Repeater	0	
Health	7	
PrimaryValue	37.17 %RH	
UserName	Car - Shaded	Write
Temperature	23.0625	
Humidity	37.17	
DewPoint	7.6250	
Humidex	23.3125	
HeatIndex	24.1875	
BarometricPressure	995.310	
Light	11	
Battery	3.55	
LED	0	
Relay	0	
Input1	0	
ActivityLatch1	0	
PulseCounter1	0	
ActivityLatchReset	-	Write
ReadCounter	300	
ConnectionCounter	1	
MessageAttempts	300	
MessagePacketRetries	6	
MessageFailures	0	
ResetMessageCounters	-	Write
DeviceRSSI	-40	
TemperatureHighAlarmState	0	
TemperatureLowAlarmState	0	
HumidityHighAlarmState	0	
HumidityLowAlarmState	0	
DewPointHighAlarmState	0	
DewPointLowAlarmState	0	
HumidexHighAlarmState	0	
HumidexLowAlarmState	0	
HeatIndexHighAlarmState	0	
HeatIndexLowAlarmState	0	
BarometricPressureHighAlarmState	0	
BarometricPressureLowAlarmState	0	
LightHighAlarmState	0	
LightLowAlarmState	0	
BatteryLowAlarmState	0	
ClearAlarms	-	Write
TemperatureHighAlarmValue	93	Write
TemperatureLowAlarmValue	-40	Write
HumidityHighAlarmValue	96	Write
HumidityLowAlarmValue	0	Write
DewPointHighAlarmValue	104	Write
DewPointLowAlarmValue	-40	Write
HumidexHighAlarmValue	125	Write
HumidexLowAlarmValue	-40	Write
HeatIndexHighAlarmValue	125	Write
HeatIndexLowAlarmValue	-40	Write
BarometricPressureHighAlarmValue	2000.000	Write
BarometricPressureLowAlarmValue	0.000	Write

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