

Message Manager

V-0.1

Background

REUTECH
RADAR SYSTEMS

type to filter messages

This is the first page you'll see when
WebMM start

To add first new xml, click 'Pipes' on
Menu Bar 'Bottom Left'

Pipes

Messages

Favourites

Log

Message Manager

V-0.1

🌑 Background

REUTECH
RADAR SYSTEMS

» Pipes

- ➕ Add new pipe
- 🔍 Recorded Messages
- 🔄 Reset Message Manager

Top Left menu will appear after clicking the Pipe menu

Click Add new pipe

In case you made any mistake, click Reset Message Manager button

Pipes

Messages

Favourites

Log

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- » Pipes
- ➕ Add new pipe
- ▶ Recorded Messages
- ⊗ Reset Message Manager

pipe name
Broker IP
Port
MQTT ▼
BR12 ▼
EIU_Msg.xml ▼
System Name
Destination
Connect

- ?
- ?
- ?
- ?
- ?
- ?
- ?
- ?

Hover over the info button to get more information about the field

Message Manager

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RADAR SYSTEMS

» Pipes

- ➕ Add new pipe
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adcsConnection	?
10.2.5.26	?
1883	?
MQTT	?
ADCS	?
EIU_Msg.xml	?
ADCS	?
EIU	?
Connect	

Fill in the fields respectively and click Connect

Wait for 4 seconds and the pipe will connect, if it doesn't, check the IP and port of the broker provided, Make sure MQTT broker is running.

Message Manager

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REUTECH
RADAR SYSTEMS

type to filter messages

» EIU_Msg_MsgDef

Messages will appear collapsed

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type to filter messages

- ✕ EIU_Msg_MsgDef
 - » Messages

Click xml to expand xml

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type to filter messages

✖ EIU_Msg_MsgDef

✖ Messages

- ☐ EiuEndOfReadyCmd
- ☐ EiuEndOfSetupCmd
- ☐ EiuSensorBearingTrackUnsol
- ☐ EiuSensorPointTrackUnsol
- ☐ EiuShutdownCmd
- ☐ EiuStatusReportUnsol

Expand Message structure to view
All messages

Select any message to view the
Message information

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EiuSensorPointTrackUnsol

» Pipe

MsgLength	<input type="text" value="0"/>
MsgType	<input type="text" value="4"/>
MsgStatus	<input type="text" value="0"/>
ModuleAddress	<input type="text" value="6"/>
MsgId	<input type="text" value="16"/>
MsgCount	<input type="text" value="0"/>
TimeStampMs	<input type="text" value="0"/>
ProcessStartCnt	<input type="text" value="65535"/>

» Timestamp

» Description

» TrackInfo

Submit

EiuSensorPointTrackUnsol



Record

Start

MsgLength	<input type="text" value="0"/>
MsgType	<input type="text" value="4"/>
MsgStatus	<input type="text" value="0"/>
ModuleAddress	<input type="text" value="6"/>
MsgId	<input type="text" value="16"/>
MsgCount	<input type="text" value="0"/>
TimeStampMs	<input type="text" value="0"/>
ProcessStartCnt	<input type="text" value="65535"/>

TrackNumber

Delete

» Timestamp

» Description

» TrackInfo

Field structure appear in collapsed format



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type to filter messages

⌵ EIU_Msg_MsgDef

⌵ Messages

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- ☐ EiuShutdownCmd
- ☐ EiuStatusReportUnsol

EiuSensorPointTrackUnsol

» Pipe

MsgLength	<input type="text" value="0"/>
MsgType	<input type="text" value="4"/>
MsgStatus	<input type="text" value="0"/>
ModuleAddress	<input type="text" value="6"/>
MsgId	<input type="text" value="16"/>
MsgCount	<input type="text" value="0"/>
TimeStampMs	<input type="text" value="0"/>
ProcessStartCnt	<input type="text" value="65535"/>

» Timestamp

⌵ Description

String24

» TrackInfo

Submit

EiuSensorPointTrackUnsol



Record

Start



MsgLength	<input type="text" value="0"/>
MsgType	<input type="text" value="4"/>
MsgStatus	<input type="text" value="0"/>
ModuleAddress	<input type="text" value="6"/>
MsgId	<input type="text" value="16"/>
MsgCount	<input type="text" value="0"/>
TimeStampMs	<input type="text" value="0"/>
ProcessStartCnt	<input type="text" value="65535"/>

TrackNumber

Delete

» Timestamp

» Description

» TrackInfo

Expand and collapse structure
to view its content

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✖ Messages

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- ☐ EiuSensorPointTrackUnsol
- ☐ EiuShutdownCmd
- ☒ EiuStatusReportUnsol ¹

This number shows which message and how many messages are received.

If a message is sent successfully, it will show like this

To send a message, click Submit

» Pipe

EiuStatusReportUnsol

MsgLength	0
MsgType	4
MsgStatus	0
ModuleAddress	6
MsgId	0
MsgCount	0
TimeStampMs	0
ProcessStartCnt	65535

Message Sent!!!

» Timestamp

» ModuleStatus

» CsciNumber

Submit

EiuStatusReportUnsol ¹



Record

Start

MsgLength	0
MsgType	4
MsgStatus	0
ModuleAddress	6
MsgId	0
MsgCount	0
TimeStampMs	0
ProcessStartCnt	65535

InstanceID

0

ReportValue

0

VersionNumberMajor

0

VersionNumberMinor

0

ConnectionStatus

MW_BOOLEAN_FALSE

TracksProcessedC

» Timestamp

» ModuleStatus

» CsciNumber

Pipes

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» EIU_Msg_MsgDef

» Messages

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EiuSensorPointTrackUnsol

» Pipe

MsgLength	<input type="text" value="0"/>
MsgType	<input type="text" value="4"/>
MsgStatus	<input type="text" value="0"/>
ModuleAddress	<input type="text" value="6"/>
MsgId	<input type="text" value="16"/>
MsgCount	<input type="text" value="0"/>
TimeStampMs	<input type="text" value="0"/>
ProcessStartCnt	<input type="text" value="65535"/>

» Timestamp

» Description

String24	<input type="text" value="0"/>
----------	--------------------------------

» TrackInfo

Submit

EiuSensorPointTrackUnsol



Record

Start

MsgLength	<input type="text" value="0"/>
MsgType	<input type="text" value="4"/>
MsgStatus	<input type="text" value="0"/>
ModuleAddress	<input type="text" value="6"/>
MsgId	<input type="text" value="16"/>
MsgCount	<input type="text" value="0"/>
TimeStampMs	<input type="text" value="0"/>
ProcessStartCnt	<input type="text" value="65535"/>

TrackNumber	<input type="text" value="0"/>
-------------	--------------------------------

Delete	<input type="text" value="MW_BOOLEAN_FALSE"/>
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» Timestamp

» Description

» TrackInfo

If a message fail to send,
It will display error message.

Failed to send a Message!!!

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» EIU_Msg_MsgDef

» Messages

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- ☐ EiuSensorBearingTrackUnsol
- ☒ EiuSensorPointTrackUnsol
- ☐ EiuShutdownCmd
- ☐ EiuStatusReportUnsol

Messages being recorded will show
By red circle

EiuSensorPointTrackUnsol

» Pipe

MsgLength	0
MsgType	4
MsgStatus	0
ModuleAddress	6
MsgId	16
MsgCount	0
TimeStampMs	0
ProcessStartCnt	65535

» Timestamp

» Description

» TrackInfo

Submit

EiuSensorPointTrackUnsol



Record

Stop



MsgLength	0
MsgType	4
MsgStatus	0
ModuleAddress	6
MsgId	16
MsgCount	0
TimeStampMs	0
ProcessStartCnt	65535

TrackNumber

0

Delete

MW_BOOLEAN_FALSE

» Timestamp

» Description

» TrackInfo

To record message, click on start, and stop
To stop recording