Step 3 Export data to MQTT server

Export histories

1. Go to the selection folder and create a new ord selection.

 Event Ime Range Definition 	
 Px Properties Dog 	New X
 D Selection 	Type to Add 🔍 Ord Selection 👻
O Tous les histos O Alarms O testHisto	Number to Add 1 [1 - 100] OK Cancel
🕨 🎽 Resource	
Ani Controller	

2. Fill the ord to select histories.

F	Property Sheet	
My Network	CrdSelection (Ord Selection)	
	🐚 Is Active 🕒 true 🔽	
V Selection	Ord history:/Active DataFlow Adil/test	
Tous les histos		
Alarms		
O testHisto		
OrdSelection		

3. Go the the strategies folder and create a data flow strategy.

	Propagation	
~	🛛 崔 Strategy	141
	historyESExport	
	🕨 🙅 alarmExport	
	🕨 😟 historyMongoExport	
	🕨 😟 historyMqttExport	
	historyFileExport	
	🕨 🙅 historySqlServerExport	
	historyMySqlExport	
	historyHSqlExport	
	historyOracleExport	
	🕨 🙅 Strategy	
	🕺 🔀 External Connectors	
	🔻 Time Series Connector	
	SqlServerTSConnector	_
- Dalatta		
* Palette		т <u>г</u>
🖿 🗙 🔊 🍈	btibDataFlow	-
BtibService		
StrategyFolder		
🔻 😟 Strategy		
🕨 🎯 Log Ext		
Selection		
Trigger		
Block		
Deprecated		

4. Add a selection block.



5. Then a trigger block.

 ✓ Strategy > ⊕ Log Ext > O Selection 		Log Ext System Log Ext Status (ok)		
Trigger	TableTrigger			
🕨 🌟 TableTrigger	Executed		Comment	
- O Block				
- O Source		Start Start Block	Selection Block	End Block
Selection		Execute	Execute	Execute
Constant		Executed	Executed	Executed
Schedule				

6. And finally a mqtt export block.



7. Configure the export block.

	Mqtt Time Series Export	
MqttTimeSeriesExport	: (Mqtt Time Series Block)	
Target	{tables}	?
📔 Last Timestamp	null	
) Batch Size	1000	
) 🗃 Batch Delay	0	
Destinations	\oplus	
Mqtt Connector	▼	
Topic	export	?
	OK Cancel	

8. Enable the log ext.



9. Choose the selection we created before.

Ĺ		Selection		
😚 Selection (Selection B	lock)		
🗎 Artifact	s 🕀	Tables v tables		×
🗎 Selectio	on 🕑	○ OrdSelection	×	
		OK Cancel		
(on cancer		

10. Open the logs console.

4 Lo	og Consol	le														×
			Fir	ner -	())											
🗖 Ab	ways displ	lay all a	available Lo	g Groups										Confi	s C	Ê
	Statio	ns				Log Grou	ps									
(Active_	_DataF	low_Adil	×	0) mqttTest	(Active_D	ataFlow_A	dil)	×					Logs	£
Timest	tamp St	tatus	Severity	Event Nan	ne Message	Argument	Origin	Source	Target	Log Group	Context	User	Station	Exception	Stack	f

- Open a cmd and subscribe for the topic 'C:\Program Files\mosquitto\mosquitto_sub.exe' -t export.
 Then trigger the export.
 You should see the output on the console.

🏰 Log Console									\times
	Finer	- (D						
Always display all availab	le Log Grou	ps					Config	S	2
Stations			Lo	g Groups					
Active_DataFlow_A	dil 👻	×	⊕ m	ongoTest (Active_DataFlow_Adil)				Logs	2
Timestamp	Status	Severity	Event Name	Message	Argument	Origin	Source		Ę
1 24-Aug-20 12:39 PM CEST	Message	Fine		Strategy Strategy is scheduled		Strategy			
1 24-Aug-20 12:39 PM CEST	Message	Fine		Executing strategy Strategy		Strategy	Strategy		
1 24-Aug-20 12:39 PM CEST	Message	Fine		Starting strategy on origin [TableTrigger]		Strategy	Strategy		
1 24-Aug-20 12:39 PM CEST	Message	Fine	Export	Exporting the batch n° 1 for source n° 1		Strategy	MongoDbE	xportB	lock .
1 24-Aug-20 12:39 PM CEST	Message	Fine	Export	Export finished, 500 item(s) successfuly exported, time: 00h		Strategy	MongoDbE	xportB	lock .
1 24-Aug-20 12:39 PM CEST	Message	Fine		=> All strategies have been done		Strategy			

14. Now verify data on the cmd.

PS C:\> & '.\Program Files\mosquitto\mosquitto_sub.exe' -t export
<pre>{"sourceId":"e0S7HIMtF8S1REJIKgvyJ","testBool":false,"max":20,"deviceDefinition":"test","precision":32,"descripti</pre>
n":0,"minRolloverValue":"null","maxRolloverValue":"null","value":7.501133918762207,"testDate":"Thu Jan 01 01:00:0
<pre>{"sourceId":"e0S7HIMtF8S1REJIKgvyJ","testBool":false,"max":20,"deviceDefinition":"test","precision":32,"descripti</pre>
n":0,"minRolloverValue":"null","maxRolloverValue":"null","value":5.970311164855957,"testDate":"Thu Jan 01 01:00:0
<pre>{"sourceId":"e0S7HIMtF8S1REJIKgvy]","testBool":false,"max":20,"deviceDefinition":"test","precision":32,"descripti</pre>
n":0,"minRolloverValue":"null","maxRolloverValue":"null","value":17.91021156311035,"testDate":"Thu Jan 01 01:00:0
<pre>{"sourceId":"e0S7HIMtF8S1REJIKgvyJ","testBool":false,"max":20,"deviceDefinition":"test","precision":32,"descripti</pre>
n":0,"minRolloverValue":"null","maxRolloverValue":"null","value":14.44944953918457,"testDate":"Thu Jan 01 01:00:0
{"sourceId":"@AS7HIMtE8S1REIIKguv1" "testBool":false "may":20 "deviceDefinition":"test" "precision":32 "descripti