Step 3 Export data to Elasticsearch

Export histories

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

Event	
🕨)🏪 Time Range Definition	
Px Properties	
🕨 🔊 Log	New X
 Q Selection 	Type to Add 🔍 Ord Selection 🚽
Tous les histos	Number to Add 1 [1 - 100]
Alarms	OK Cancel
C testHisto	
🕨 🎽 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.

- Palette		
🖿 🗶 🔊 🗋 btibDataFlow		
BtlbService		
StrategyFolder		
👻 🙅 Strategy		
IogExt	System Log Ext	
Selection	2040% [08]	
Trigger		
- O Block	Comment	
- O Source		
Selection	Start Slock Selection Block	End Block
Constant	Execute Executed	Execute
Schedule		
Row		
h Column		

5. Then a trigger block.

		Log Ext System Log Ext Status (ok)		
Trigger	TableTrigger Table Trigger			
K TableTrigger	Executed		Comment	
- D Block				
V Source		Start Start Block	Selection Selection Block	End End Block
Selection	U	Execute Executed	Execute	Execute
🕨 😚 Constant				
🕨 😚 Schedule				

6. And finally a elasticsearch export block.

ElasticsarchTSConnector K Realtime Connector K Model Connector K fold Connector K fold Connector K Chied Connector K Chied Connector K Chied	logint System (8)
ReportService Valette	TableTrigger 🕅
Image: Second secon	Start Section
🕨 🌒 🕄 ElasticsearchTimeSeriesExport	

7. Configure the export block.

📄 Target	{tables}	(?
🗎 Last Timestamp	null	
Batch Size	1000	
🗎 Batch Delay	0	
Destinations		
Elasticsearch Connecto	r 🔹	
📔 Index Prefix	histories-test	0
📔 Index Date Suffix	🛑 false 🔻	
🗎 Index Date Suffix	false	

8. Enable the log ext.

Log Ext (System L	og Ext)				
Status	{ok}				
🗎 Fault Cause					
Enabled 📔	🔵 tri	ie –			
🗎 Log Groups	\oplus	esTest	 Finest 	-	×

9. Choose the selection we created before.

Ĺ	Selection							
•	Selection (Selec	tion Bl	ock)					
	Artifacts	\oplus	Tables 🗸 tables	×				
	Selection	\oplus	Q OrdSelection ▼ ► X					
-								
L			OK Cancel					

10. Open the logs console.

👫 Log Ce	onsole													×
	Fi	nest 🗸	(1)											
Always	display all available Le	og Groups										Confi	8 C	£
St	tations			LogGrou	ps									
⊕ A	ctive_DataFlow_Adil	×	\oplus	esTest (Ar	tive_Data	Flow_Adil		- X					Logs	£
Fimestamp	p Status Severity	Event Name	Message	Argument	Origin	Source	Target	Log Group	Context	User	Station	Exception	Stack	

Then trigger the export. You should see the output on the console.

🏰 Log Console									\times
	Finer	- (1)						
Always display all availab	le Log Grou	ps						Config 💭	£
Stations			L.	ogGroups					
Active_DataFlow_A	dil 🔍 🗸	×	() e	sTest (Active_DataFlow_Adil)				Log	£
Timestamp	Status	Severity	Event Name	Message	Argument	Origin	Source	Target	Log
24 Aug 20 10/45 AM CEST	Massaga	Fine	L. C.	Stratem / Stratem / scheduled	Barrent	Stratomy	oource	Alarms/Histories	orTor
1 24-Aug-20 10.45 AM CEST	message	Time		Strategy Strategy is screduled		Suategy		Additional	estes
24-Aug-20 10:45 AM CEST	Message	Fine		Executing strategy Strategy		Strategy	Strategy	Alarms/Histories	esTes
1 24-Aug-20 10:45 AM CEST	Message	Fine		Starting strategy on origin [TableTrigger]		Strategy	Strategy	Alarms/Histories	esTes
1 24-Aug-20 10:45 AM CEST	Message	Fine	Export	Exporting the batch n° 1 for source n° 1		Strategy	Export	Alarms/Histories	esTes
1 24-Aug-20 10:45 AM CEST	Message	Fine	Export	Export finished, 115 item(s) successfuly exported, time: 00h		Strategy	Export	Alarms/Histories	esTes
1 24-Aug-20 10:45 AM CEST	Message	Fine		=> All strategies have been done		Strategy		Alarms/Histories	esTes

13. Now verify data on elasticsearch type this url http://localhost:9200/histories/_search.

14. You should see your data.

```
"hits": [
    ₹ {
           "sourceId": "e0S7HIMtF8S1REJIKgvyJ",
"testBool": false,
                  "max": 20,
"deviceDefinition": "test",
                  "precision": 32,
"description": "",
                   "historyDisplayName": "test",
                   "units": "m<sup>2</sup>",
"testEnum": "{off=0,on=1}",
                   "min": 0,
                   "minRolloverValue": "null",
"maxRolloverValue": "null",
                  "value": 7.903348445892334,
"testDate": "1970-01-01T01:00:00+0100",
"timestamp": "2020-08-24T10:43:17+0200",
"status": "{ok}"
              }
        },
     ₹ {
           "_index": "histories",
"_type": "_doc",
"_id": "6258772d-6c6f-4b3e-9a47-85542c59c62b",
"_score": 1,
"_source": {
"_source": {
                  "sourceId": "e0S7HIMtF8S1REJIKgvyJ",
"testBool": false,
                   "max": 20,
                   "deviceDefinition": "test",
                   "precision": 32,
"description": "",
```