MF Orders App, Data Folder Specifications, Queries, Resetting App

The app executable can be found inside dist/win-unpacked:

When launching app you need to do an initial configuration of your server name, database name and table name:
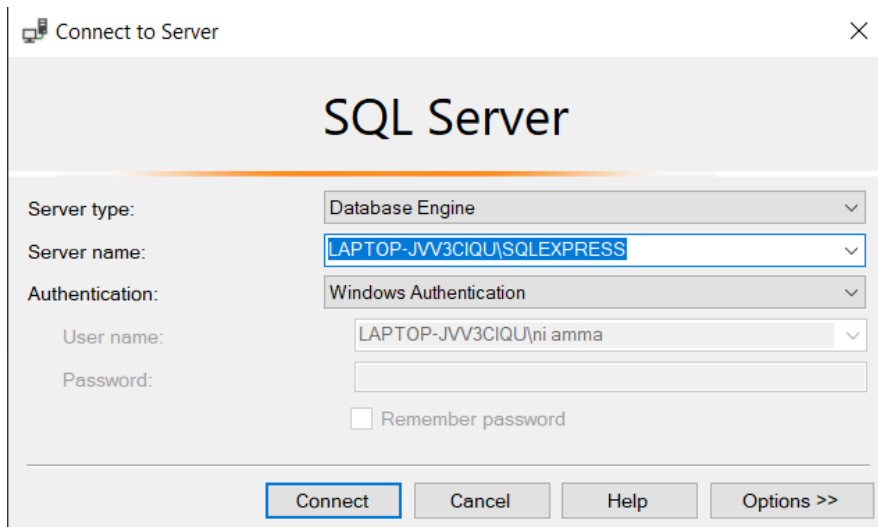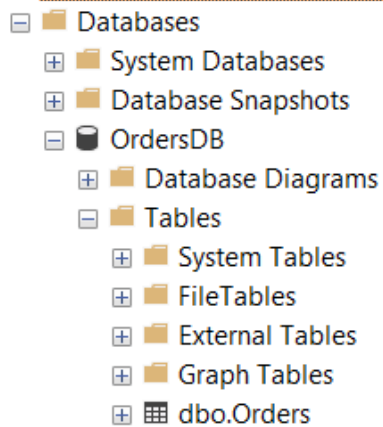
You can find these details in the server management studio:
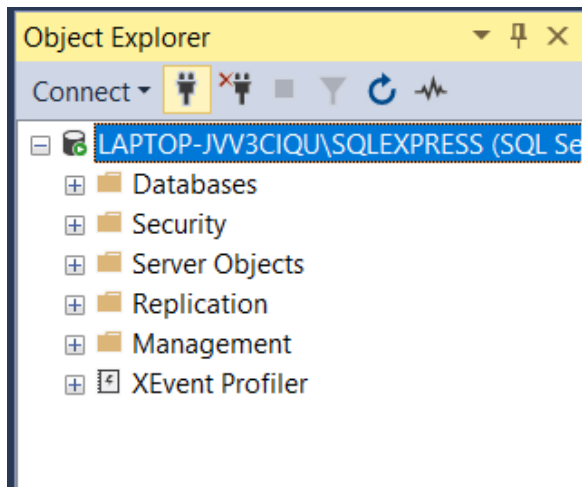
Click the plug button to get the server name:

Database name and Table name can be found in server file structure:

Copy/paste all the names and save them:
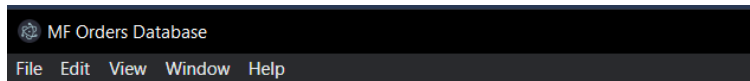
Now you can upload data to the table from a data folder. Click on 'Upload Data'. You need to set the path to the data folder on first time:

You can see the last date you updated the table. **Every time you update the table, only the files after the last date get uploaded to table.**

You should get a "Successfully Updated" message after every update:

Table updated until: 2024-01-11

Update Table

Successfully Updated!

Data Folder Specifications:

First level in data folder:

Name	Date modified	Type	Si
MF_Analysis_BSE_Client1	1/23/2024 10:54 AM	File folder	
MF_Analysis_BSE_Client2	1/26/2024 10:59 AM	File folder	
MF_Analysis_NSE_Client1	1/26/2024 10:58 AM	File folder	
MF_Analysis_NSE_Client2	1/23/2024 5:09 PM	File folder	

Only folders with 'BSE' or 'NSE' and 'Client' in the name are considered. This is where the app gets the fields for client number and stock exchange.

Second level in data folder:

Name	Date modified	Type
01a-Onload_TCP_Dump_FPGA1	1/23/2024 10:59 AM	File folder
01b-Oms_Debug_Log_FPGA1	1/23/2024 11:13 AM	File folder
01c-Parsed_Onload_Pcap_FPGA1	1/23/2024 10:58 AM	File folder
01d-TBT_PreMarket_MinOrd_FPGA1	1/23/2024 10:59 AM	File folder
02a-Onload_TCP_Dump_FPGA2	1/23/2024 10:59 AM	File folder
02b-Oms_Debug_Log_FPGA2	1/23/2024 11:20 AM	File folder
02c-Parsed_Onload_Pcap_FPGA2	1/23/2024 11:08 AM	File folder
03-Oms_Config	1/23/2024 10:59 AM	File folder

Only folders with 'OMS_Debug_Log' or 'Parsed_Onload_Pcap' in the name are considered. Additionally the name must start with the server number (eg. '01', '02', '03'). This is where the app gets the field for server number. In the above example folder structure only 4 folders are considered.

Third level in data folder:

OMS_Debug_Log folders:

2024.01.10_08.01.19_oms_debug	1/11/2024 11:02 AM	Text Document	1,181 KB
2024.01.10_08.01.19_order_value	1/11/2024 11:02 AM	Text Document	1,181 KB
2024.01.10_08.01.19_traded_value	1/11/2024 11:02 AM	Text Document	1,181 KB
2024.01.10_09.00.09_oms_debug_filtered	1/11/2024 11:02 AM	Text Document	51 KB
2024.01.11_08.01.19_oms_debug	1/11/2024 11:02 AM	Text Document	1,181 KB
2024.01.11_09.00.09_oms_debug_filtered	1/11/2024 11:02 AM	Text Document	51 KB

Only files with 'oms_debug' or 'oms_debug_filtered' in the name are considered. Additionally the name must start with the date and time (eg. '2024.01.10_09.00.09'). This is where app gets the fields for date and time. In the above example folder structure only 4 files are considered.

Parsed_Onload_Pcap folders:

Name	Date modified	Type	Size
2024.01.10_08.00.54_fpga2_request	1/11/2024 11:02 AM	Text Document	67 KB
2024.01.10_08.00.54_fpga2_response	1/11/2024 11:03 AM	Text Document	114 KB
2024.01.10_08.00.54_fpga2_tcp	1/23/2024 10:56 AM	Text Document	0 KB
2024.01.10_08.00.54_fpga2_udp	1/23/2024 10:56 AM	Text Document	0 KB
2024.01.11_08.00.54_fpga2_request	1/11/2024 11:02 AM	Text Document	67 KB
2024.01.11_08.00.54_fpga2_response	1/11/2024 11:03 AM	Text Document	114 KB
2024.01.11_08.00.54_fpga2_tcp	1/23/2024 10:56 AM	Text Document	0 KB
2024.01.11_08.00.54_fpga2_udp	1/23/2024 10:56 AM	Text Document	0 KB

Only files with 'request' or 'response' in the name are considered. Additionally the name must start with the date and time just like the files in 'OMS_Debug_Log' folders. In the above example folder structure only 4 files are considered.

Queries:

There are five main identifiers for the order records:

Client number, Stock exchange, Server number, Date, Time

The 'SELECT' query can be used in the server management studio to get specific order records. Format:
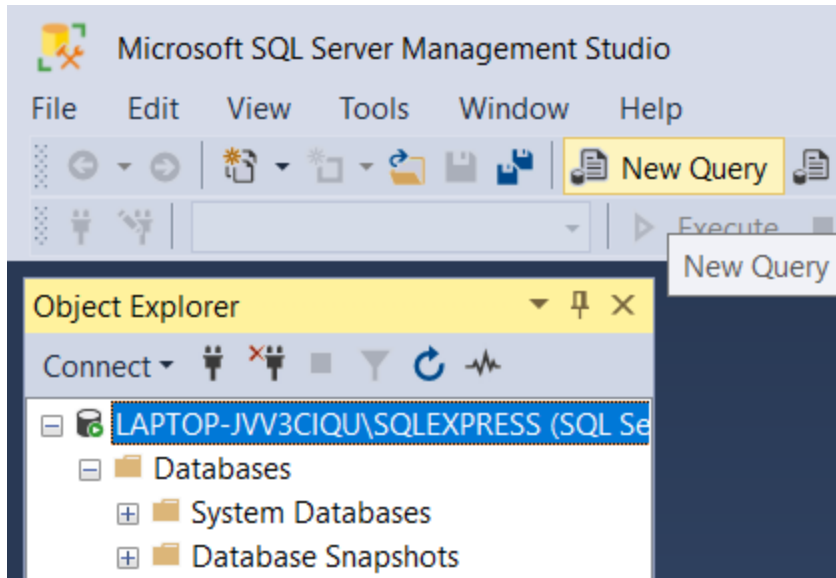
USE [Database Name];

SELECT * FROM [Table Name] WHERE (dt='[yyyy-mm-dd]' AND time='hh:mm' AND cl='[client number]' AND se='[BSE/NSE]' AND server='[server number]');

Example:

Click on new query:

To get all the 8:00 am Jan 10th 2024 orders from client 1 BSE:


```
USE OrdersDB;
SELECT * FROM Orders WHERE (dt='2024-01-10' AND time='8:00' AND cl='1' AND se='BSE');
```

(Note this will fetch orders from all servers as server number wasn't specified)

Clicking 'Execute' will output results in grid form:

	dt	time	cl	se	server	si	clordid	exordid1	exordid2	security	code	series
1	2024-01-10	08:00:00.0000000	1	BSE	1	38	10037	100000000000	5947	AKANKSHA	21132	ST
2	2024-01-10	08:00:00.0000000	1	BSE	1	76	10075	110000000000	6727	DRCSYSTEMS	2651	BE
3	2024-01-10	08:00:00.0000000	1	BSE	2	37	10036	130000000000	9966	VLEGOV	18012	EQ
4	2024-01-10	08:00:00.0000000	1	BSE	2	38	10037	130000000000	9976	V2RETAIL	14766	EQ
5	2024-01-10	08:00:00.0000000	1	BSE	2	39	10038	110000000000	4792	EROSMEDIA	20080	EQ
6	2024-01-10	08:00:00.0000000	1	BSE	2	40	10039	100000000000	2953	AKANKSHA	21132	ST
7	2024-01-10	08:00:00.0000000	1	BSE	2	41	10040	120000000000	5198	PARACABLES	13951	EQ
8	2024-01-10	08:00:00.0000000	1	BSE	2	42	10041	130000000001	0131	UNITECH	8893	BZ
9	2024-01-10	08:00:00.0000000	1	BSE	2	43	10042	110000000000	4979	EROSMEDIA	20080	EQ
10	2024-01-10	08:00:00.0000000	1	BSE	2	44	10043	100000000000	2967	AKANKSHA	21132	ST
11	2024-01-10	08:00:00.0000000	1	BSE	2	45	10044	120000000000	5248	PARACABLES	13951	EQ
12	2024-01-10	08:00:00.0000000	1	BSE	2	46	10045	110000000000	5102	EROSMEDIA	20080	EQ
13	2024-01-10	08:00:00.0000000	1	BSE	2	47	10046	100000000000	3004	AKANKSHA	21132	ST
14	2024-01-10	08:00:00.0000000	1	BSE	2	48	10047	120000000000	5317	PARACABLES	13951	EQ
15	2024-01-10	08:00:00.0000000	1	BSE	2	49	10048	110000000000	5212	EROSMEDIA	20080	EQ
16	2024-01-10	08:00:00.0000000	1	BSE	2	50	10049	100000000000	3048	AKANKSHA	21132	ST

To output results into a file that can be opened in Excel click the 'results to file' button:
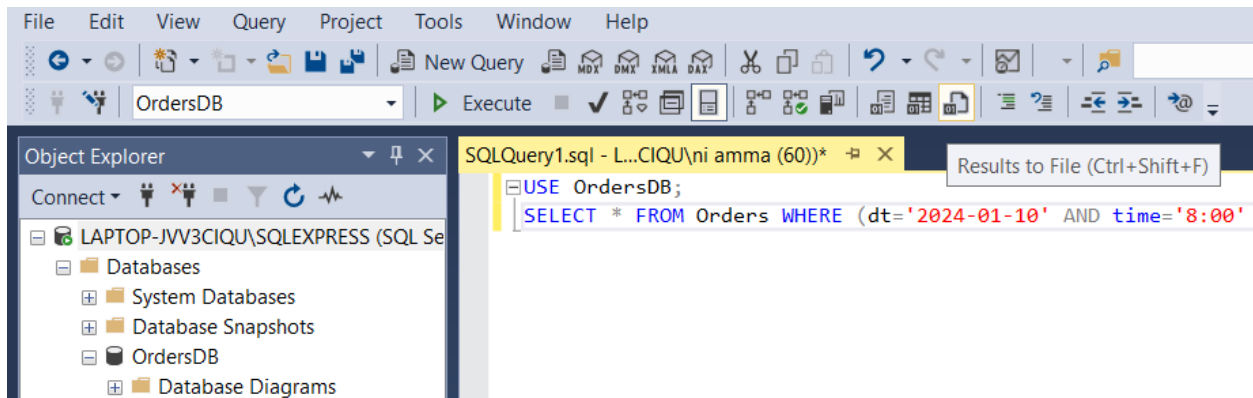
Now when you click 'Execute' results will be in a '.rpt' file that you can save.
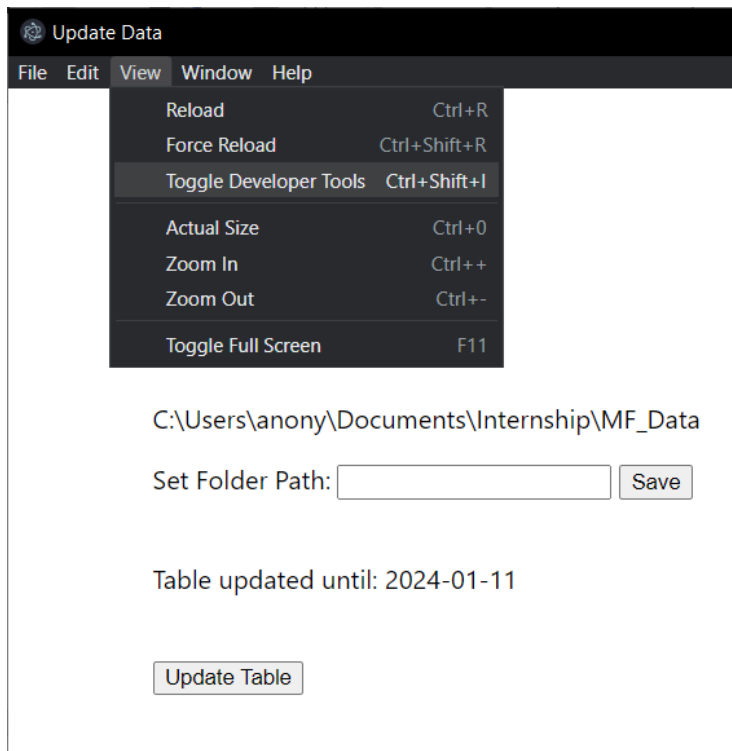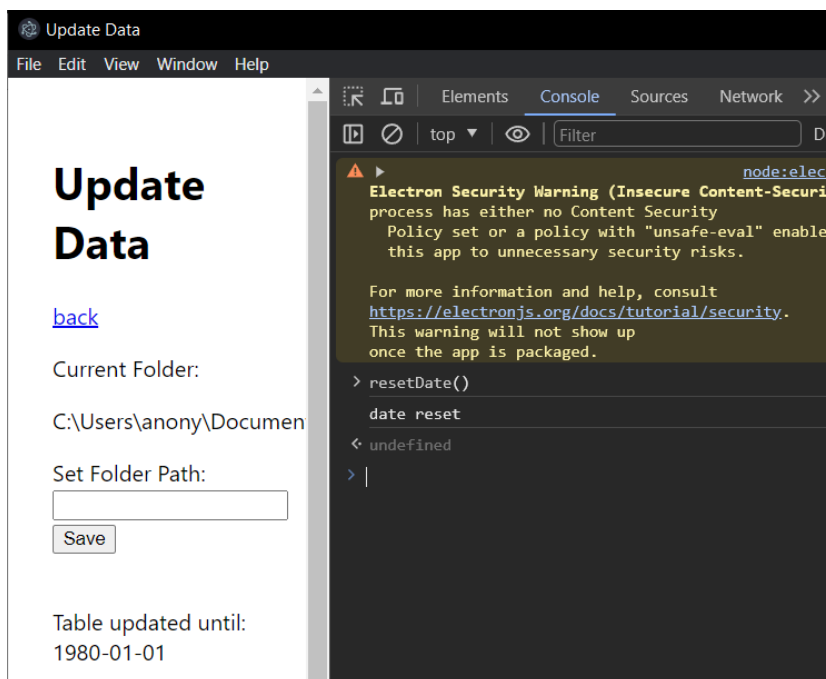
Resetting App:

The app will only add files after the last updated date to prevent duplicates. If you want to reset the date for testing or adding data into a new table you can call 'resetDate()' in the console.

Open the developer tools:

Go to console, type in 'resetDate()' and hit enter:

You should see the date being updated.