2025-06-27 19-09부터 지금까지 Ubuntu 홈서버에서 가동되고 있는 stream\_binance executable에서 나타난 문제점들을 아래와 같이 보고한다.

**Attachment:**모두 지금 업로드된 최신 파일을 기준으로 답변할 것

* 2025-07-01\_11-39.log
* REPO\_STRUCT.html
* stream\_binance.py

**Frequently Observed Exceptions**

* File "stream\_binance.py", line 274, in merge\_all\_symbols\_for\_day  
  File "stream\_binance.py", line 256, in merge\_day\_zips\_to\_single\_jsonl  
  FileNotFoundError: [Errno 2] No such file or directory: './data/binance/orderbook/BTCUSDC\_orderbook\_2025-06-27.jsonl'  
    
  My Comment: The file may not have finished the creation before accessing. Is there any other possibilities for this exception to happen? How can we perfectly resolve the issue while harning no other perspectives?
* WARNING: WebSocket error (attempt 1): sent 1011 (unexpected error) keepalive ping timeout; no close frame received  
  WARNING: Retrying in 4.1 seconds...  
  INFO: WebSocket connection closed.  
  WARNING: WebSocket error (attempt 2):  
  Future exception was never retrieved  
  …  
  future: <Future finished exception=gaierror(-3, 'Temporary failure in name resolution')>  
  socket.gaierror: [Errno -3] Temporary failure in name resolution  
  INFO: WebSocket connection closed.  
  INFO: Connected to wss://stream.binance.com:9443/stream?streams=btcusdc@depth20@100ms/ethusdc@depth20@100ms/solusdc@depth20@100ms (depth20@100ms)  
    
  My Comment: What does this precisely mean? What options do we have to handle this problem?
* Another Issue  
  + LOGGING: While we are able to see WARNING, INFO, and exceptions printed in the running terminal at Ubuntu server, we actually don’t have any log file being created. This is unideal since the entire history is lost when the terminal is closed or the server goes down completely. How do we ensure that the log file is generated, on top of the prints at the terminal? Moreover, there are no time tags at all for these messages in the terminal. As a consequence, we never know what happened when.
  + Although we observe several non-ideal messages in the terminal from the Ubuntu server, it appears that all the intended files have been being operated properly; see “REPO\_STRUCT.html”. I may be wrong. What do you observe from “REPO\_STRUCT.html”? Do you find any further useful information from it?

**Reference**

Binance Official GitHub Manual:  
<https://github.com/binance/binance-spot-api-docs/blob/master/web-socket-streams.md>