

SoupFILE

Version 1.00

1. Overview

SoupFILE is a very simple file format used to deliver a set of sequenced messages inside a static file.

It is intended as an off-line companion for real-time message delivery protocols like [SoupTCP](#), [SoupTCP3.0](#) and [MoldUDP](#).

SoupTCP is ideal for systems where a client wants to receive an entire session's worth of messages in a single, after-the-fact batch download.

SoupFILE is typically used to deliver historical information or to recap data from a previous session.

1.1 Data File Structure

Each SoupFILE file corresponds to a single session. The session ID is not contained in the file since it is assumed that it will be included in the filename or externally if necessary.

The messages are variable length and each message is terminated with a carriage-return (ASCII 13 dec, 0x0d hex) linefeed (ASCII 10 dec, 0x0A hex) pair.

Variable length Message	Carriage Return	Line Feed
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SoupFILE line format

The SoupFILE does not define a maximum message length.

The message may not contain embedded line feeds or carriage returns.

A message of length zero is used to indicate the end of the session. If a SoupFILE file does not end with an empty message, this indicates that the file is incomplete and there may be additional messages available in the session.

2. Support

Any questions about the SoupFILE format should be emailed to devsupport@nasdaqomx.com.

3. Current Restrictions

None known.

4. Revision History

4.1 Version 0.00 - 9/1/1999

Initial dissemination

4.1 Version 1.00 - 3/30/2010

Updated document to reflect that SoupFile may also be used for NASDAQ OMX data products delivered via MoldUDP.