

MAIN-LINE SECTION

EZA-INITAPI

Resolve host name

EZA-GETHOSTBYNAME

Perform EZA-HOSTENT-EXTRACT

EZA-SOCKET

EZA-CONNECT

EZA-RECV

Send UserID – EZA-SEND/EZA-RECV

Send Password – EZA-SEND/EZA-RECV

Send CWD – EZA-SEND/EZA-RECV

Perform PROCESS-COMMANDS (loop)

EZA-CLOSE

EZA-TERMAPI

PROCESS-COMMANDS SECTION

Verify Command type

If requires data connection

Perform GET-PASSIVE-PORT

Build command buffer

Send command buffer – EZA-SEND

If required data connection

Perform RECEIVE-RESPONSE

If sending data

Perform SEND-DATA

If receiving data

Perform RECEIVE-DATA

Perform RECEIVE-RESPONSE

RECEIVE-RESPONSE

EZA-RECV until valid EOD

Deblock response

Convert response to EBCDIC

Process current responses but save future responses

GET-PASSIVE-PORT

EZA-SEND “PASV” command

Perform RECEIVE-RESPONSE

Parse the response

EZA-SOCKET (a second socket!)

EZA-CONNECT to the correct port

SEND-DATA

Perform until EOD

Read data from TSQ

Block data

If buffer full

Convert to ASCII (if needed)

EZA-SEND

End-Perform

If data in buffer

Convert to ASCII (if needed)

EZA-SEND

EZA-CLOSE (data socket only!)

RECEIVE-DATA

Perform until Socket error 1121

EZA-RECV

Deblock data

Convert to EBCDIC (if needed)

Write data to TSQ

EZA-CLOSE (data socket only!)