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1) HOW TO USE ZOCEVENT.ZRX

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The ZOCEVENT.ZRX file is called at certain points in ZOC (with the

parameters identifying the event shown in the table below).

The ZOCEVENT file can, for example, be used to turn off a fax program

before ZOC will try to access the com port and turn fax receive mode

back on when ZOC exits (OS/2's FaxWorks offers such a feature via the

FXRCV.EXE program, as shown in the sample ZOCEVENT.ZRX file).

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2) CALL PARAMETERS

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EVENT PARAMETER(S)

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ZOC Start OPEN

Before a device is opened DEVOPEN '<device name>' '<device opts>'

After a device was closed DEVCLOSE '<device name>'

ZOC Ends CLOSE

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The DeviceName is the same as it appears in ZOC, but always in upper

case letters (eg. SERIAL/MODEM).

The DeviceOpts are undocumented, so you need a bit of experimenting

with them (see the debugging section below). However, since they are

probably only used to determine the com port, here is how to parse

the SERIAL/MODEM options:

/\* ZOCEVENT.ZRX \*/

PARSE ARG Event " '" DeviceName "'" "'" DeviceOpts "'"

/\* if serial, get com port \*/

IF Event="DEVOPEN" & DeviceName="SERIAL/MODEM" THEN DO

PARSE VALUE DeviceOpts WITH "[" id "]" serport ":" baud "-" opts "|"

serport= TRANSLATE(serport) /\* uppercase \*/

CALL LINEOUT "zocevent.trc", "OPEN OF "serport" DETECTED"

END /\* IF \*/

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3) SPECIAL PROGRAMMING ISSUES

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You can call all of the ZOC commands. However, not many will make

sense in the environment in which ZOCEVENT.ZRX is called, because

no communication device is open and (in case of OPEN and CLOSE) not

even a ZOC window is there.

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4) DEBUGGING

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If no ZOC window is there, SAY or TRACE will pop up a message window

with the message you want to show. As this makes debugging a bit

tedious, you can write debugging output to a file with REXX's

lineout command:

CALL LINEOUT "zocevent.trc", event "#" DeviceName "#" DeviceOpts

Under OS/2 you can call the script from the command line with the

same parameters that ZOC would use, eg.:

C:\ZOC> SCRIPT\ZOCEVENT "DEVOPEN" "SERIAL/MODEM" "[1]COM3:38400-8N1|"