

Example of a Type 2 Exit Program (RPGLE)

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H COPYRIGHT('© menten GmbH, 2003')
**-----**
**                                     tt                                     **
**          mmmmmm      eeeee  nnnnnn      tt          eeeee  nnnnnn      **
**          m m m  e     e  n      n  tttt  e     e  n      n      **
**          m m m  eeeeeee  n      n  tt   eeeeeee  n      n      **
**          m m m  e       n      n  tt   e       n      n      **
**          m m m  eeeeeee  n      n  ttt   eeeeeee  n      n      **
**                                     **
** E D V   -   B e r a t u n g   G m b H                                     **
**                                     **
**                               Systemberatung                             **
**                               IBM System AS/400                         **
**                               Individualprogrammierung                   **
**                                     menten GmbH                         **
**                                     Hauptstrasse 136 - 140                **
**                                     51465 Bergisch Gladbach              **
**                                     Telefon +49 2202 2399 0              **
**                                     Telefax +49 2202-2399 23             **
**                                     Email   info@menten-gmbh.de           **
**                                     Homepage http://www.menten-gmbh.de    **
**-----**
** PROGRAM NAME:  EXITSNDEML                                             **
**                                     **
** APPLICATION   :  CVTSPL command                                       **
**                                     **
** LANGUAGE      :  ILE RPG                                              **
**                                     **
** AUTHOR        :  Ilja Kolosow                                         **
**                                     **
** DATE WRITTEN :  Sep. 2002                                             **
**                                     **
** DESCRIPTION   :  Sample 'TYPE 2' CVTSPL exit program for sending a    **
** stream file via e-mail using the SNDEMAIL command                      **
** of i-effect                                         **
**-----**
* Customer file
FCustFile  IF  E                K DISK      RENAME(CUSTFILE:CUSTFILER)
**-----**
** PROTOTYPE FOR STANDARD EXIT PROGRAM PARAMETERS                       **
**-----**
D Parameters      PR                EXTPGM('EXITSNDEML')
* Spooled file name
D   iaSplFile          10A
* Name of the job which created the spooled file
D   iaSplJob           10A
* User id of the job which created the spooled file
D   iaSplUser          10A
* Job number of the job which created the spooled file
D   iaSplJobNo         6A
* Spooled file number of the spooled file
D   iiSplNbr           10I 0
* Spooled file user data
D   iaUsrDta           10A
* Name of the stream file created
D   iaStmFile          128A
* IFS directory in which stream file was created
D   iaDir              256A
* Page number of the first page in the range processed
D   iiFirstPage        10I 0
* Page number of the last page in the range processed
D   iiLastPage         10I 0
* Exit program parameter count
D   iiParmCount        10I 0
* User-definable exit program parameter strings. Up to 150 of these
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* may follow. Define as many as you need.
D   iaUserParam1      999A      OPTIONS (*NOPASS)
D                                     VARYING
D   iaUserParam2      999A      OPTIONS (*NOPASS)
D                                     VARYING
D   iaUserParam3      999A      OPTIONS (*NOPASS)
D                                     VARYING
**-----**
** PROTOTYPE FOR QCMDEXC **
**-----**
D Command      PR      ExtPgm ('QCMDEXC')
D   iaCommand      32767A  CONST OPTIONS (*VARSIZE)
D   inCmdLen      15P 5  CONST
**-----**
** STANDARD EXIT PROGRAM PARAMETERS **
**-----**
D Parameters      PI
D   iaSplFile      10A
D   iaSplJob      10A
D   iaSplUser      10A
D   iaSplJobNo     6A
D   iiSplNbr      10I 0
D   iaUsrDta      10A
D   iaStmFile     128A
D   iaDir         256A
D   iiFirstPage   10I 0
D   iiLastPage    10I 0
D   iiParmCount   10I 0
D   iaUserParam1  999A      OPTIONS (*NOPASS)
D                                     VARYING
D   iaUserParam2  999A      OPTIONS (*NOPASS)
D                                     VARYING
D   iaUserParam3  999A      OPTIONS (*NOPASS)
D                                     VARYING
D waCustomerNo    S      10A
D waCommand       S      1024A
D wnCmdLen        S      15P 5
D QUOTE          C      ' ' ' '
* This example assumes that the EXITPGMPRM, EXITPGMPOS and EXITPGMKEY
* parameters have been used to extract the customer number from the
* spooled file, and that the first user-definable parameter contains the
* customer number (assumed to be 10 characters for the purposes of
* this example).
* Make sure at least one parameter was passed and that the parameter
* passed is not too short
C          IF          iiParmCount < 1
C                      or %len(iaUserParam1) < %size(waCustomerNo)
* Insert appropriate error handling here
C          RETURN
C          ENDIF
* Extract the customer number from the parameter string
C          EVAL          waCustomerNo = %subst(iaUserParam1      :
C                      1                                     :
C                      %len(waCustomerNo))
* Retrieve the customer's e-mail address from the customer file
C   waCustomerNo CHAIN   CustFile
C          IF          not %found(CustFile)
* Insert appropriate error handling here
C          RETURN
C          ENDIF
* Build the SNDEMAIL command
C          EVAL          waCommand = 'SNDEMAIL '
C                      + 'RECIPIENT(' + QUOTE
* „CustEMail“ is assumed to be the customer's email address field
* from the customer file
C                      + %trim(CustEMail) + QUOTE
C                      + ') '
* DSTD parameter below is the „subject“ line that will appear for
* the e-mail. Substitute your choice of subject line
C                      + 'SUBJECT('

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C          + QUOTE
C          + 'Your invoice from i-effect'
C          + QUOTE
C          + ') '
* MSG parameter below is a brief message to accompany the attachment.
* Substitute your choice of message.
C          + 'MSGTEXT('
C          + QUOTE
C          + 'Your invoice is'
C          + ' attached. Thank you for your '
C          + 'custom.'
C          + QUOTE
C          + ') '
* The document name and folder names are passed into this program from
* CVTSPL. The document name is generated from the OUTPFILE parameter
* with the addition of a numeric suffix for each spooled file created.
C          + 'ATTACH(' + QUOTE
C          + %trim(%trim(iaDir) + '/'
C          + %trim(iaStmFile)) + QUOTE
C          + ') '
C          eval      wnCmdLen = %len(waCommand)
* e-mail the stream file to the customer
C          CALLP(E)  Command(waCommand:wnCmdLen)
C          IF      %error
* Insert appropriate error handling here
C          ELSE
* Send OK message
C          ENDIF
C          RETURN

```