

Z-FORWD

This chapter covers the following topics:

- Description
 - Parameters
 - Return Codes
 - Subprograms
 - Example
-

Description

Forward mail.

The mail item that you want to forward must be contained in the folder Inbasket, regardless whether it has already been read or not. You can forward a document or a memo.

When you forward a mail item which is currently stored in the Inbasket file New, the corresponding address list is updated so that the reception status of the mail item indicates that it has been read. Additionally, the mail item is moved from the file New to the file Opened. In this case, END TRANSACTION is automatically issued.

The parameters Inbasket-ISBN, Forward-table and one of the Cover-note parameters are required. The parameter Inbasket-ISBN must contain the ISBN of the mail item that you are forwarding. To obtain the ISBN, you can call, for example, Z-DIS13A prior to calling Z-FORWD.

In the Forward-table, you must specify all addressees to which you want to forward the mail item; you can specify up to 12 addressees.

Different address types can be created using the same name (for example, a user ID may coincide with a distribution list name). If the address type is not specified and addressees with the same name, but different address types are found, the system first tries to send to address type 33 (user ID) and then to 5 (cabinet). It does not check any other address types.

If you specify a combination of last name and first name as addressee, Z-FORWD is able to recognize an expression like "Long,Sonya" as well as "Long,S", "Long,So" or simply "Long" - as long as these expressions are unique.

The parameter Success indicates whether an addressee was found or not. The parameter Forward-option determines how Z-FORWD is to proceed when an addressee cannot be found. When you specify the value 1 for this parameter, the mail item is forwarded to all other addressees that can be found. When you specify any other value or if at least one valid addressee cannot be found, the return code 21 is issued and further addressees are not checked.

The Cover-note* parameters offer several possibilities to create a cover note for the forwarded mail item; you must specify only one of these parameters, not all.

If the parameter Cover-note-name is filled, Z-FORWD searches for a document with this name and copies the main text of this document to the cover note of the mail item.

If the parameter Cover-note-ISBN is filled, Z-FORWD searches for an object with this ISBN and copies the main text of this object to the cover note of the mail item. It is not required that the object is a document.

If the parameter Cover-note-text is marked, Z-FORWD creates a cover note from the contents of the Natural edit area. The edit area contents are not changed. The example below demonstrates how to use this method to specify the text.

Note:

"*/" in the first two positions of a line in the Natural edit area generates a new page in the text.

When the mail item was forwarded, the parameter Outbasket-ISBN contains the ISBN of the new Outbasket entry.

When a value other than 0 is returned in the parameter Return-code, BACKOUT TRANSACTION is automatically issued.

Parameters

Parameter	Format	In	Out	Remarks
Return-code	N2	O	X	Input -1: no ET.
Cabinet	A8	R		The cabinet from which you forward the mail item.
Password	A8	R		The password of the above cabinet.
Inbasket-ISBN	P10	R		The ISBN of the mail item that is to be forwarded.
Outbasket-ISBN	P10		X	The ISBN of the new Outbasket entry.
Cover-note-name	A32	O*		If specified, the cover note text is copied from a document with this name.
Cover-note-ISBN	P10	O*		If specified, the cover note text is copied from an object with this ISBN.
Cover-note-text	A1	O*		If marked, the cover note text is copied from the Natural edit area.
Forward-option	I1	O		0=forward only when all addressees can be found; 1=forward to all found addressees (even when one of the addressees cannot be found). Default: 0
Forward-table (12)				
Addressee	A20	R		The name or user ID of the addressee.
Address-type	N2	O		Must be one of the following: 1=Address (nickname), 4=Bulletin, 5=Cabinet, 10=Distribution, 33=User ID, 70=Last name or 74=External.
Mail-type	A1	O		Must be one of the following: O=original, C=copy, B=blindcopy or P=private. Default: O.
Success	I1		X	00=Addressee was found. 01=Addressee was not found. 02=Addressee is not unique. 03=Invalid Address-type.

Return Codes

00	Success
02	Invalid cabinet name
03	Password incorrect
04	Inbasket ISN was not found
08	Supply name, ISN, or text for cover note, not all
09	Inbasket ISN does not point to correct object
18	API context buffer not available
21	Addressee not found
24	Security violation
53	Requested document does not exist
57	Requested object does not contain a main text
60	Edit area is empty
90	Transport service object could not be created
99	Internal error

Subprograms

Z-MPPDB
 Z-MPPLF
 Z-RAREC
 Z-RASSTX
 Z-RCONFM
 Z-RINITM
 Z-RREC
 Z-110
 Z-120
 Z-122
 Z-123
 Z-124
 Z-145
 Z-147
 Z-161
 Z-165
 Z-168
 Z-175
 Z-177
 Z-180
 Z-185
 Z-191
 Z-191A
 Z-194

Z-194A
Z-197
Z-197A
Z-200B
Z-201
Z-201B
Z-202
Z-207
Z-208
Z-211
Z-212
Z-213
Z-215
Z-216
Z-221
Z-222
Z-223
Z-224
Z-225
Z-226
Z-241
Z-373
Z-400
Z-401
Z-402
Z-403
Z-404
Z-406
Z-407
Z-719
Z-747
Z-1200&0

Example

```

0010 *
0020 *
0030 *
0040 * This example assumes that the ISN of the Inbasket item,
0050 * the text of the cover note and the selected addressees
0060 * have been checked by a previous main routine
0070 *
0080 DEFINE DATA
0090 *
0100 PARAMETER
0110 *
0120 1 RETURN-CODE                (N2)
0130 1 CABINET                    (A8)
0140 1 PASSWORD                    (A8)
0150 1 INBASKET-ISN               (P10)
0160 1 FORWARD-TABLE              (1:12)
0170  2 ADDRESSEE                 (A20)
0180  2 ADDRESS-TYPE              (N2)
0190  2 MAIL-TYPE                 (A1)
0200  2 SUCCESS                   (I1)
0210 1 TEXT-LINES                  (A70/1:20)
0220 *
0230 LOCAL
0240 *
0250 1 OUTBASKET-ISN              (P10)
0260 1 FORWARD-OPTION             (I1)
0270 1 COVER-NOTE-NAME            (A32)
0280 1 COVER-NOTE-ISN            (P10)
0290 1 COVER-NOTE-TEXT            (A1)
0300 *
0310 1 INX                        (P3)
0320 *
0330 END-DEFINE
0340 *
0350 * Prepare destination 'SOURCE' and put text lines
0360 * into the cleared Natural edit area
0370 *
0380 DEFINE PRINTER (#OUT=1) OUTPUT 'SOURCE'
0390 FORMAT (#OUT) LS=80 PS=60
0400 SET CONTROL 'Z'
0410 *
0420 FOR INX EQ 1 TO 20
0430     WRITE (#OUT) NOTITLE TEXT-LINES (INX)
0440 END-FOR
0450 *
0460 * Now forward mail item to all found addressees, incl. ET
0470 *
0480 RESET                        RETURN-CODE
0490 MOVE 1                        TO FORWARD-OPTION
0500 MOVE 'X'                      TO COVER-NOTE-TEXT
0510 *
0520 CALLNAT 'Z-FORWD'
0530     RETURN-CODE
0540     CABINET
0550     PASSWORD
0560     INBASKET-ISN
0570     OUTBASKET-ISN
0580     COVER-NOTE-NAME
0590     COVER-NOTE-ISN
0600     COVER-NOTE-TEXT

```

```
0610 FORWARD-OPTION  
0620 FORWARD-TABLE (* )  
0630 *  
0640 END
```