

ZAP\$ - Apply Zap To File

The ZAP\$ routine is available to apply a zap (i.e. an encoded patch) to a file.

1. Invocation

To apply a zap to a file code:

```
CALL ZAP$ USING zq file
```

where *zq* is a control block of the following format and *file* is an FD specifying a file, which must be closed when ZAP\$ is called:

```

01      ZQ
02      ZQPT                                * TABLE OF ADDRESSES + PATCHES
03      ZQELEM OCCURS 2500 PIC X(2)
02      ZQTB                                * INDEX TO ADDRESSES IN PT
03      ZQTBL OCCURS 313 PIC 9(4) COMP
02      ZQNAME          PIC X(8)           * LIBRARY MODULE NAME, OR SPACES
02      ZQCODE          PIC 9(4)           * RETURNED ERROR CODE
02      ZQVOL           PIC 9(2) COMP      * 1 = VOLUME PATCH
02      ZQFTYPE        PIC 9(2) COMP      * 0 = NO FILE-ID CHECK
                                           * 1 = FILE-ID CHECK
                                           * 2 = PROGRAM-ID CHECK
                                           * 4 = COMPILATION-ID CHECK
02      ZQCHECK        PIC 9(2) COMP      * 0 = CHECK PREVIOUS CONTENTS

```

2. STOP Codes and Exception Conditions

No STOP are generated by ZAP\$.

The following EXIT codes may be returned by ZAP\$:

EXIT code	\$\$COND	Description
21501	1	Error opening file.
21502	2	File not found.
21503	3	Patch location beyond file extent.
21504	4	Match not found.
21505	5	Zap already applied.

3. Programming Notes

ZAP\$ is reserved for internal-use only.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

UNZAP\$ Un-Apply Zap from File