

DIGEN\$ - Get Generation Number of Data Dictionary

The DIGEN\$ routine can be used to obtain the Generation Number of either a DBX or non-DBX data Dictionary.

1. Invocation

To get the Generation Number of a Data Dictionary code:

```
CALL DIGEN$ USING dict unit gen [type]
```

where *dict* is a PIC X(5) field containing the name of the database, *unit* is the unit that contains the Data Dictionary (DLxxxx) and *gen* is a PIC 9(4) COMP field into which the Generation Number is returned. For GSM SP-17, and later, *type* is an optional PIC 9(4) COMP field into which the type of database is returned.

2. STOP Codes and Exception Conditions

No STOP codes are generated by DIGEN\$.

The following exception conditions may be returned by DIGEN\$:

EXIT code	\$\$COND	Description
15413	13	Data Dictionary file DLxxxx is not present on the unit supplied.
15414	14	The file opened by DIGEN\$ (DLxxxx) is neither a DBX nor a "traditional" non-DBX Data Dictionary.
15415	15	Error reading Data Dictionary.

3. Programming Notes

DIGEN\$ is only available on GSP SP-16, or later.

For GSM SP-17, and later, the optional *type* field is returned:

```
0    DBX database
1    non-DBX database
```

Note that the value of the returned *type* field is slightly counter-intuitive.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

None.