NAME

get_gen - extract specified generic-issue message from issue file

SYNOPSIS

```
#include <issfil.h>

char *get_gen(func, fd, gen)
int func;
int fd;
char *gen;
```

DESCRIPTION

Get_gen extracts the specified generic record and its associated issue records (generic-issue message) from the indicated issue file and returns the starting address of the generic record to the calling routine. If the desired generic-issue message does not exist, then the value **GGR_ENF** is returned. If an error is detected, a negative value is returned as discussed below.

The user should note that the generic record is first copied to a static global character buffer and terminated with a null. The address of this static global character buffer is then returned to the calling routine. Data should be extracted from the record via the structure members defined in the header file issfil.h, however, prior to making a call to gen_list(3L), gen_name(3L), get_iss(3L), or iss_list(3L). These subroutines also use the same static global character buffer and a call to one of them would probably destroy the generic record extracted by this subroutine.

The argument func identifies whether the generic name, generic slang name, or generic ID is to be used as the generic search key. Valid values for this argument are:

GGF_GNAM   Use generic name as the generic search key.

GGF_SLANG   Use generic slang name as the generic search key.

GGF_GID   Use generic ID as the generic search key.

The argument fd is a file descriptor associated with an opened issue file.

The argument gen is a null-terminated string containing the generic search key. If the value of func is **GGF_GNAM, GGF_SLANG,** or **GGF_GID,** then this key should contain the official generic name, generic slang name, or generic ID, respectively.

FILES

> /usr/include/issfil.h which specifies the structure of a generic record and defines valid function codes and return codes for this subroutine.

LIBRARY

> /lib/lib1.a

SEE ALSO

> get_iss(3L),   gen_list(3L),   gen_name(3L),   iss_list(3L), e_output(3L)

DIAGNOSTICS

> If this subroutine detects an error, an Output Message (OM) is generated by one of the standard OM generation subroutines, but not printed. The value **GGR_ERR** is returned to the calling routine. If the calling routine wishes to print the stored OM, it may call one of the standard OM outputting subroutines, such as e_output(3L).

BUGS