

NAME

expr – c-like expression library

SYNOPSIS

```
#include <graphviz/expr.h>

Expr_t*    exopen(Exdisc_t*);
Excc_t*    exccopen(Expr_t*, Exccdisc_t*);
int        excc(Excc_t*, const char*, Exid_t*, int);
int        exccclose(Excc_t*);
void       exclose(Expr_t*, int);
char*      excontext(Expr_t*, char*, int);
void       exerror(const char*, ...);
Extype_t   exeval(Expr_t*, Exnode_t*, void*);
Exnode_t*  exexpr(Expr_t*, const char*, Exid_t*, int);

Exnode_t*  excast(Expr_t*, Exnode_t*, int, Exnode_t*, int);
Exnode_t*  exnewnode(Expr_t*, int, int, int, Exnode_t*, Exnode_t*);
void       exfreenode(Expr_t*, Exnode_t*);
int        expush(Expr_t*, const char*, int, const char*, Sfio_t*);
int        expop(Expr_t*);
int        excomp(Expr_t*, const char*, int, const char*, Sfio_t*);
int        exrewind(Expr_t*);
void       exstatement(Expr_t*);
int        extoken(Expr_t*);
char*      extype(int);
Extype_t   exzero(int);
```

DESCRIPTION

exopen() is the first function called. exclose() is the last function called. exccopen() is called if code generation will be used. exccclose() releases the state information allocated in exccopen(). exstatement() saves statement start information. exrewind() restores statement start information saved by exstatement().

SEE ALSO