## NAME

expr – c-like expression library

## SYNOPSIS

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

Expr_t*       exopen(Exdisc_t*);
Excc_t*       exccopen(Expr_t*, Exccdisc_t*);
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*, FILE*);
int           expop(Expr_t*);
int           excomp(Expr_t*, const char*, int, const char*, FILE*);
int           extoken(Expr_t*);
char*         extype(long int);
Extype_t      exzero(long int);
```

## DESCRIPTION

exopen() is the first function called. exclose() is the last function called. exccopen() is the called if code generation will be used. exccclose() releases the state information allocated in exccopen().

## SEE ALSO