

**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**