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 the 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