

y.tab.c

# line 23 "trans.y" #include "stdio.h" #include <ctype.h>		# # define YYFLAG -1000 # define YYERROR goto yyerrlab # define YYACCEPT return(0) # define YYABORT return(1) /* parser for yacc output */ #ifdef YYDEBUG int yydebug = 0; /* 1 for debugging */ #endif YYSTYPE yyv[YYMAXDEPTH]; /* where the values are stored */ int yychar = -1; /* current input token number */ int yynerrs = 0; /* number of errors */ short yyerrflag = 0; /* error recovery flag */ yyvsparse() { short yys[YYMAXDEPTH]; short yyj, yym; register YYSTYPE *yypvt; register short yystate, *yyps, yyn; register YYSTYPE *yypv; register short *yyxi; yystate = 0; yychar = -1; yynerrs = 0; yyerrflag = 0; yyps = &yys[-1]; yypv = &yyv[-1]; yyval: /* put a state and value onto the stack */ #ifdef YYDEBUG if(yydebug) printf("state %d, char %o\n", yystate, yychar); #endif if(++yyps > &yys[YYMAXDEPTH]) { yyerror("yacc stack overflow"); r return(1); } *yyps = yystate; ++yypv; *yypv = yyval; yyval: yyn = yypact[yystate]; if(yyn <= YYFLAG) goto yydefault; /* simple state */ if(yychar < 0) if((yychar=yylex()) < 0) yychar = 0; if((yyn += yychar) < 0 yyn >= YLAST) goto yydefault; if(yychk[yyn=yyact[yyn]] == yychar){ /* valid shift */ yychar = -1; yyval = yyival; yystate = yyn; if(yyerrflag > 0) --yyerrflag; goto yystack; } yydefault: /* default state action */ if((yyn=yydef[yystate]) == -2) { if(yychar < 0) if((yychar=yylex()) < 0) yychar = 0;	# line 28 "trans.y" typedef union { int ival; } YYSTYPE; # define LPARENTOK 257 # define RPARENTOK 258 # define PLUSOK 259 # define Ftok 260 # define Vtok 261 # define ERROROK 262 # define yyclearin yychar = -1 # define yyerrork yyerrflag = 0 extern int yychar; extern short yyerrflag; #ifdef YYMAXDEPTH #define YYMAXDEPTH 150 #endif YYSTYPE yyival, yyval; # define YYRCODE 256 # line 56 "trans.y" short yyexca[] = { -1, 1, 0, -1, -2, 0, }; # define YYNPROD 7 # define YYLAST 13 short yyact[] = { 4, 3, 9, 7, 10, 5, 1, 6, 2, 0, 0, 0, 8 }; short yypact[] = { -260, -1000, -252, -256, -1000, -260, -1000, -259, -254, -1000, -1000 }; short yypgo[] = { 0, 6, 8, 7 }; short yyr1[] = { 0, 1, 1, 2, 2, 3, 3 }; short yyr2[] = { 0, 4, 2, 1, 0, 2, 0 }; short yychk[] = { -1000, -1, -2, 261, 260, 257, -3, 259, -1, 261, 258 }; short yydef[] = { 4, -2, 0, 6, 3, 4, 2, 0, 0, 5, 1 }; #ifndef lint static char yaccpar_sccsid[] = "@(#)yaccpar 4.1 (Berkeley) 2/11/83"; #endif
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/* look through exception table */
for( yyxi=yyexca; (*yyxi!= (-1)) || (yyxi[1]!=yyystate) ; yyxi += 2 )
; /* VOID */

while( *(yyxi+=2) >= 0 ){
    if( *yyxi == ychar ) break;
}
if( (yyn = yyxi[1]) < 0 ) return(0); /* accept */
}

if( yyn == 0 ){ /* error */
    /* error ... attempt to resume parsing */
    switch( yyerrflag ){
        case 0: /* brand new error */
            yyerror( "syntax error" );
            ++yynerrs;
        case 1:
        case 2: /* incompletely recovered error ... try again */
            yyerrflag = 3;
            /* find a state where "error" is a legal shift action */
            while ( yyys >= yys ) {
                yyn = yypact[*yyys] + YYERRCODE;
                if( yyn>= 0 && yyn < YYLAST && yychk[yyact[yyn]] == YYERR
CODE ){
                    yyystate = yyact[yyn]; /* simulate a shift of "error"
                    goto yyystack;
                }
                yyn = yypact[*yyys];
            }
            /* the current yyys has no shift onn "error", pop stack */
        /
#ifdef YYDEBUG
        vers %d\n", *yyys, yyys[-1] );
#endif
        yyabart:
        return(1);

        case 3: /* no shift yet; clobber input char */
            if( yydebug ) printf( "error recovery discards char %d\n", y
ychar );
            #endif
            if( ychar == 0 ) goto yyabart; /* don't discard EOF, quit *

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