面向Pascal语言的简易词法分析程序

1. 词法分析程序采用标准C语言实现
2. 程序识别的标准保留字有:program function procedure array const file lable packed

var record set type of case do downto else for goto if repeat then to until while with

forward and not or in div mod begin end nil 36个、

1. 分析类别:标识符、无符号整数、单字符分界符、双字符分界符、注释头符号、单纯冒号、单纯斜竖

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| --- | --- | --- |
| 单词名称 | 类别编码 | 记忆符 |
| program | 1 | PROGRAM |
| function | 2 | FUNCTION |
| procedure | 3 | PROCEDURE |
| array | 4 | ARRAY |
| const | 5 | CONST |
| file | 6 | FILE |
| lable | 7 | LABLE |
| packed | 8 | PACKED |
| var | 9 | VAR |
| record | 10 | RECORD |
| set | 11 | SET |
| type | 12 | TYPE |
| of | 13 | OF |
| case | 14 | CASE |
| do | 15 | DO |
| downto | 16 | DOWNTO |
| else | 17 | ELSE |
| for | 18 | FOR |
| goto | 19 | GOTO |
| if | 20 | IF |
| repeat | 21 | REPEAT |
| then | 22 | THEN |
| to | 23 | TO |
| until | 24 | UNTIL |
| while | 25 | WHILE |
| with | 26 | WITH |
| forward | 27 | FORWARD |
| and | 28 | AND |
| not | 29 | NOT |
| or | 30 | OR |
| in | 31 | IN |
| div | 32 | DIV |
| mod | 33 | MOD |
| begin | 34 | BEGIN |
| end | 35 | END |
| nil | 36 | NIL |
| 标识符 | 37 | ID |
| 整常数 | 38 | INT |
| + | 39 | ADD |
| - | 40 | MINUS |
| \* | 41 | STAR |
| / | 42 | DIVI |
| ( | 43 | LPAR |
| ) | 44 | RPAR |
| , | 45 | COMMA |
| ; | 46 | SEMI |
| : | 47 | COLON |
| := | 48 | ASSIGN |
| = | 49 | EQUAL |

注:注释识别后类别编码设置为0