Reserved keyword

支援'printf'使用多參數(0~n個%d)

PRINT: 'printf';

Data Type

INT:'int';

MAIN: 'main';

VOID: 'void';

CHAR:'char';

FLOAT:'float';

Comments

COMMENT:'/\*' .\* '\*/' {$channel=HIDDEN;};

Fragment

Identifier:('a'..'z'|'A'..'Z'|'\_'('a'..'z'|'A'..'Z'|'0'..'9'|'\_')\*;

Integer\_constant:'0'..'9'+;

LITERAL : '"' (.)\* '"';

Program Control Flow

IF: 'if';

ELSE: 'else';

ELIF: ELSE IF;

FOR: 'for';

WHILE: 'while';

DO: 'do';

Program statement

支援 '+', '-', '\*', '/','%', '=',以及括號之數值計算

支援 '==', '!=', '<=', '>=', '<', '>'之比較

WS:( ' ' | '\t' | '\r' | '\n' ) {$channel=HIDDEN;};