

Pattern	Token	Purpose
:	TK_ASSIGNOP	Assignment operator
#	TK_COMMENT	Comment Beginning
V_ <code>[a-zA-Z _][a-zA-Z 0-9 _]*</code>	TK_ID	Identifier (used as Variables)
<code>[0-9][0-9]*</code>	TK_NUM	Integer number
<code>[0-9][0-9]*.[0-9][0-9]</code>	TK_RNUM	Real number
' <code>[a-zA-Z 0-9 : ? , . _]</code> '	TK_CHR	Character
" <code>[a-zA-Z 0-9 : ? , . _]</code> "	TK_STRING	String
F_ <code>[a-zA-Z _][a-zA-Z 0-9 _]*</code>	TK_FUNID	Function identifier
R_ <code>[a-zA-Z _][a-zA-Z 0-9 _]*</code>	TK_RECORDID	Record identifier
M_ <code>[a-zA-Z _][a-zA-Z 0-9 _]*</code>	TK_MAPID	Map Identifier
A_ <code>[a-zA-Z _][a-zA-Z 0-9 _]*</code>	TK_ARRAYID	Array Identifier
''' <code>[a-zA-Z _][a-zA-Z 0-9 _]*'''</code>	TK_MAPFIELD	Identifier for map fields
map_insert	TK_MAPINSERT	Keyword map_insert
map_remove	TK_MAPREMOVE	Keyword map_remove
assign	TK_ASSIGN	Keyword assign
Var	TK_VAR	Keyword var
Main	TK_MAIN	Keyword main
end_main	TK_ENDMAIN	Keyword end_main
int	TK_INT	Keyword int
real	TK_REAL	Keyword real

If	TK_IF	Keyword if
end_if	TK_ENDIF	Keyword end_if
global	TK_GLOBAL	Keyword global
input	TK_INPUT	Keyword input
output	TK_OUTPUT	Keyword output
while	TK_WHILE	Keyword while
end_while	TK_ENDWHILE	Keyword end_while
char	TK_CHAR	Keyword char
function	TK_FUNCTION	Keyword function
end_function	TK_ENDFUNCTION	Keyword end_function
elseif	TK_ELSEIF	Keyword elseif
else	TK_ELSE	Keyword else
record	TK_RECORD	Keyword record
end_record	TK_ENDRECORD	Keyword end_record
array	TK_ARRAY	Keyword array
map	TK_MAP	Keyword map
get	TK_GET	Keyword get
put	TK_PUT	Keyword put
puts	TK_PUTS	Keyword puts
return	TK_RETURN	Keyword return
break	TK_BREAK	Keyword break
call	TK_CALL	Keyword call
[TK_SQL	Left square bracket
]	TK_SQR	Right square bracket
;	TK_SEM	Semicolon as separator
,	TK_COMMA	Comma
.	TK_DOT	Used with record variable

(TK_OP	Open parenthesis
)	TK_CL	Closed parenthesis
+	TK_PLUS	Addition operator
-	TK_MINUS	Subtraction operator
*	TK_MUL	Multiplication operator
/	TK_DIV	Division operator
%	TK_MOD	Modulo operator
&	TK_AND	Logical and
	TK_OR	Logical or
!	TK_NOT	Logical not
<	TK_LT	Relational operator less than
<=	TK_LE	Relational operator less than or equal to
==	TK_EQ	Relational operator equal to
>	TK_GT	Relational operator greater than
>=	TK_GE	Relational operator greater than or equal to
!=	TK_NE	Relational operator not equal to