

RPAL's LEXICON:

Identifier -> Letter (Letter | Digit | '_')* => '<IDENTIFIER>';

Integer -> Digit+ => '<INTEGER>';

Operator -> Operator_symbol+ => '<OPERATOR>';

String -> '''
 ('\ ' 't' | '\ ' 'n' | '\ ' '\ ' | '\ ' ''''
 | '(' | ')' | ';' | ','
 | Letter | Digit | Operator_symbol
)* ''' => '<STRING>';

Spaces -> (' ' | ht | Eol)+ => '<DELETE>';

Comment -> '/*'
 (' ' | '(' | ')' | ';' | ',' | '\ ' | ' ' |
 | ht | Letter | Digit | Operator_symbol
)* Eol => '<DELETE>';

Punction -> '(' => '('
 -> ')' => ')'
 -> ';' => ';'
 -> ',' => ',';

Letter -> 'A'..'Z' | 'a'..'z';

Digit -> '0'..'9';

Operator_symbol -> '+' | '-' | '*' | '<' | '>' | '&' | '.'
 | '@' | '/' | ':' | '=' | '~' | '|' | '\$'
 | '!' | '#' | '%' | '^' | '_' | '[' | ']'
 | '{' | '}' | '"' | '\ ' | '?' ;