

REGLAS GRAMATICALES ASIGNADAS

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grammar Regex;

regex: term ('|' regex)?;

term: (factor)+;

factor: base (quantifier)?;

base: character

 | group

 | clase

 ;

group: '(' regex ')';

clase: '[' ('^')? (range | character)+ ']';

range: character '-' character

 | number '-' number;

quantifier: '*'

 | '+'

 | '?'

 | '{' number (',' (number)?)? '}'

 ;

character: CHARACTER;

number: INT;

//Tokens

LPARENS: '(';

RPARENS: ')';

LBRACK: '[';

RBRACK: ']';

LBRACE: '{';

RBRACE: '}';

OR: '|';

QMARK: '?';

SUM: '+';

SUB: '-';

MUL: '*';

COMA: ',';

CARET: '^';

INT: [0-9][0-9]*;

CHARACTER: [a-zA-Z0-9];

WS: [\t\n\r]+ -> skip;