

USAC/CUNOC

Ingeniería en Ciencias y Sistemas

Laboratorio de Lenguajes Formales y de Programación

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Definición de Clases

CLASSES UML

IDE
<ul style="list-style-type: none">- tokensPink1: string[]- tokensBlue1: string[]- tokensBlue2: string[]- tokensGreen2: string[]- tokensGreen4: string[]- tokensGreen5: string[]- tokensGreen6: string[]- tokensPurple6: string[]- tokensGray6: string[]- tokensGreen7: string[]- tokensCyan7: string[]- tokensGreen8: string[]- tokensOrange8: string[]- tokensBrown8: string[]- tokensGreen10: string[]- tokensGreen12: string[]- tokensGreen14: string[]- tokensGreen15: string[]- closedString: bool- closedLongCommentary: bool- closedShortCommentary: bool- stringLength: int- isStringIncreasing: bool- row: int- column: int- lineFirstindex: int- lineLastindex: int
<ul style="list-style-type: none">+ IDE()+ colorText(): int+ compareToDefinedTokens(): string+ compile(): string+ processText+ openFileGT(): void+ openFileLogGTE(): void+ openFileProjectGTP(): void+ saveFileGT(): void+ saveFileLogGTE(): void+ saveFileProjectGTP(): void+ isString(): bool+ isCharacter(): bool+ isDecimal(): bool+ isInteger(): bool+ isBoolean(): bool

Automaton
<ul style="list-style-type: none">- states: string[]- alphabet: string[]- transitionFunction: string[,]- initialState: string- finalStates: string[]- actualState: string- actualLetter: string
<ul style="list-style-type: none">+ Automaton()+ nextState(): string+ AFD(): string