

Reader

▼ Attributes

- index: int  
- in: Scanner  
- stringBuffer: String  
- stringBufferLength: int  
- currentCharacter: char

▼ Operations

+ init(Scanner): void  
+ nextCharacterExist(): boolean  
+ getCurrentCharacter(): char  
+ readNext(): void

Grammar

▼ Attributes

▼ Operations

+ isStopSessionCharacter(char): boolean  
+ isAdditiveOperator(char): boolean  
+ isDigit(char): boolean  
+ isExpressionTerminationCharacter(char): boolean  
+ isEndFactor(char): boolean  
+ isStartFactor(char): boolean  
+ isMultiplicativeOperator(char): boolean

SyntaxAnalysisEvaluationProcess

▼ Attributes

- session: Session

▼ Operations

~ parser(): void  
~ expression(): int  
~ term(): int  
~ number(): int  
~ factor(): int

MultiplicativeOperator

▼ Attributes

+ MULTIPLICATION:  
+ DIVISION:  
+ value: char

▼ Operations

+ values(): MultiplicativeOperator[]  
+ valueOf(String): MultiplicativeOperator

AdditiveOperator

▼ Attributes

+ PLUS:  
+ value: char  
+ MINUS:

▼ Operations

+ values(): AdditiveOperator[]  
+ valueOf(String): AdditiveOperator

Session

▼ Attributes

- isStarting: boolean  
- syntaxAnalysisEvaluationProcess: SyntaxAnalysisEvaluationProcess

▼ Operations

+ stop(): void  
+ start(): void

Screen

▼ Attributes

▼ Operations

+ printResult(int): void  
+ printError(Exception): void  
- printErrorMessage(String, String): void

MultiplicativeOperatorBuilder

▼ Attributes

▼ Operations

+ create(char): MultiplicativeOperator

AdditiveOperatorBuilder

▼ Attributes

▼ Operations

+ create(char): AdditiveOperator

Main

▼ Attributes

▼ Operations

+ main(String[]): void

FactorParenthesisMissingException

▼ Attributes

▼ Operations

MultiplicativeOperatorNotExist

▼ Attributes

▼ Operations

StringBufferOverflowException

▼ Attributes

▼ Operations

AdditiveOperatorNotExist

▼ Attributes

▼ Operations

SyntaxException

▼ Attributes

▼ Operations