Model::Main HackMap -keywords: map -tokens: map CompilationEngine +get_keyword(Keyword): string +get_token(TokenType): string +output engine: OutputEngine +tokenizer: Tokenizier **KEYWORD** +CompilationEngine() SYMBOL +compileLet(): void INT_CONST +compileIf(): void STRING CONST +compileWhile(): void IDENTIFIER +compileReturn(): void +compileDo(): void +compileExpression(): void +compileTerm(): void «enumeration» +compileExpressionList(): void TokenType **Tokenizier** +compileClass(): void CLASS -tokens_queue: queue<string> +compileClassVarDec(): vodi METHOD -fileinput: ifstream +compileType(): void CONSTRUCTOR +compileSubroutineDec(): void +has_more_tokens(): bool
+advance(): string INT +compileParameterList(): void **BOOLEAN** +compileSubroutineBody(): void +token type(): TokenType CHAR +compileVarDec(): void +keyword(): Keyword VOID +symbol(): char VAR +identifier(): string STATIC +string_val(): string **FIELD** +int_val(): int LET DO ΙF ELSE WHILE RETURN OutputEngine TRUE +output_file: ofstream **FALSE** +Attribute1 NULL THIS +OutputEngine() +writeLet() +...()

«enumeration»

TokenType