

BASIC Interpreter

0.0.1

Generated by Doxygen 1.8.17

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Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

src	Entry point for main program	5
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Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

src.Main	7
src.Scanner	8
src.TokenClass	8

Chapter 3

Namespace Documentation

3.1 Package src

contains entry point for main program

Classes

- class [Main](#)
- class [Scanner](#)
- class [TokenClass](#)
- enum **TokenType**

3.1.1 Detailed Description

contains entry point for main program

contains methods for token types and [TokenClass](#) constructor

This contains methods related to the Tokenizing text.

Chapter 4

Class Documentation

4.1 src.Main Class Reference

Static Public Member Functions

- static void [main](#) (String[] args) throws IOException

4.1.1 Detailed Description

Definition at line 18 of file Main.java.

4.1.2 Member Function Documentation

4.1.2.1 main()

```
static void src.Main.main (  
    String[] args ) throws IOException [inline], [static]
```

[Main](#) function.

Parameters

<i>args</i>	
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Exceptions

<i>IOException</i>	
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Definition at line 26 of file Main.java.

```
26                                     {
27     if (args.length > 1) {
28         System.out.println("Usage: basic [script]");
29         System.exit(64);
30     } else if (args.length == 1) {
31         runFile(args[0]);
32     } else {
33         runPrompt();
34     }
35 }
```

The documentation for this class was generated from the following file:

- /mnt/c/Users/amianadave/Documents/Basic/Java/src/Main.java

4.2 src.Scanner Class Reference

4.2.1 Detailed Description

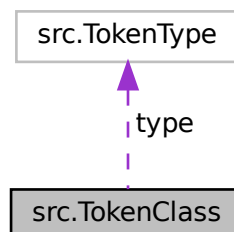
Definition at line 10 of file Scanner.java.

The documentation for this class was generated from the following file:

- /mnt/c/Users/amianadave/Documents/Basic/Java/src/Scanner.java

4.3 src.TokenClass Class Reference

Collaboration diagram for src.TokenClass:



Public Member Functions

- String [toString](#) ()

4.3.1 Detailed Description

Definition at line 7 of file TokenClass.java.

4.3.2 Member Function Documentation

4.3.2.1 toString()

```
String src.TokenClass.toString ( ) [inline]
```

Returns a string representation of [TokenClass](#) for analyzing the scanned tokens.

Definition at line 22 of file TokenClass.java.

```
22     {  
23         // if(type == TokenType.IDENTIFIER)  
24         // return type + ":" + lexeme + ":" + literal;  
25         return type + ":" + lexeme;  
26     }
```

The documentation for this class was generated from the following file:

- /mnt/c/Users/amianadave/Documents/Basic/Java/src/TokenClass.java

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