**Readme**

**Compilers: Semantic Checker**

**IDE NetBeans 8.0.2**

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**1) General Information:**

Semantic check is dissabled .

**2) Visitors:**

**i)**Visitor1

**ii)**Visitor2

Visititor 1 and 2 creates the symbol table .

**iii)**Code\_Generating\_Visitor

This visitor emit the Spiglet code

**3) Sv\_Table:**

Sv\_Table is a class that consist of the symbol table and a v\_table that is created for the needs of the code generation as for our convenience.

**4) How to execute :**

How to execute - there is a makefile located in the default package. Open a terminal and write “make all” for the program compilation. Then run as it is described in the prompt .There are two a directory JavaFiles and SpigletFiles , place the java files to be translated to spiglet in the JavaFiles folder , translated files will be created in the SpigletFile directory.

If you want to to parse or execute the generated code from the SpigletFiles directory execute the following commands

java -jar ../spp.jar < BinaryTree.sp BubbleSort.sp Factorial.sp LinearSearch.sp QuickSort.sp TreeVisitor.sp

java -jar ../spp.jar < Add.sp ArrayTest.sp CallFromSuper.sp Classes.sp DerivedCall.sp Example1.sp FieldAndClassConflict.sp Main.sp

java -jar ../spp.jar < ManyClasses.sp OutOfBounds1.sp Overload2.sp ShadowBaseField.sp ShadowField.sp test06.sp test07.sp test15.sp test17.sp

java -jar ../spp.jar < test20.sp test62.sp test73.sp test82.sp test93.sp test99.sp

java -jar ../pgiv2.jar < BinaryTree.sp BubbleSort.sp Factorial.sp LinearSearch.sp QuickSort.sp TreeVisitor.sp

java -jar ../pgiv2.jar < Add.sp ArrayTest.sp CallFromSuper.sp Classes.sp DerivedCall.sp Example1.sp FieldAndClassConflict.sp Main.sp

java -jar ../pgiv2.jar < ManyClasses.sp OutOfBounds1.sp Overload2.sp ShadowBaseField.sp ShadowField.sp test06.sp test07.sp test15.sp test17.sp

java -jar ../pgiv2.jar < test20.sp test62.sp test73.sp test82.sp test93.sp test99.sp

**5) Developer :**

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