

Exercise - Method overloading, operators and implicit conversion

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Exercise 1

Write a script (`readfile.scala`) that contains the following statement:

```
println("readfile.scala".readFile)
```

This statement should print out the content of the file itself. Make it possible to write such statements. A file can be read as follows:

```
val source = scala.io.Source.fromFile("readfile.scala")
println(source.mkString)
source.close
```

***Hint:** Define an implicit conversion and create a wrapper class that contains the method `readFile`.*

Exercise 2

Verify that the implicit method is invoked (look for the `println` line) by running the following command:

```
$ scala -Xprint:typer readfile.scala
```

The flag `-Xprint:typer` provides useful type information for debugging implicit conversions. *This flag can also be used with the REPL (`$ scala -Xprint:typer`).*