

Test Suite for Coco/R

Hanspeter Mössenböck

This directory contains a simple test suite, which checks if changes to Coco/R still lead to the same results. It works as follows:

compile.bat Sample

runs Coco/R for the grammar `Sample.ATG`, which has all trace switches enabled so that Coco/R dumps its internal data structures to the file `trace.txt`. It then copies the following files:

```
Scanner.cs      => TestSample_Scanner.cs
Parser.cs       => TestSample_Parser.cs
console output => TestSample_Output.txt
trace.txt       => TestSample_Trace.txt
```

compileall.bat

runs `compile.bat` for all ATG files in this directory. You should run this command once before you start making changes to Coco/R.

check.bat Sample

runs Coco/R again on the file `Sample.ATG` and compares the generated scanner, parser, `trace.txt` and console output to the previously saved files. If the files are identical the command prints the message

```
++ passed TestSample_Compilation
```

otherwise it prints the message

```
-- failed TestSample_Compilation
```

checkall.bat

runs `check.bat` for all ATG files in this directory. You should run this command after every modification to Coco/R. The generated `++ passed` or `-- failed` messages indicate if the modification led to any differences in the output or in the internal data structures of Coco/R.