The "bbc-java" coding assignment cheat sheet

1. Installing the application

After unzipping the tar archive, simply navigate with your command line to the directory and run the command:

java -jar bbc-java.jar

You will be prompted with some information as soon as the program starts. Here you can enter as many URLs as you like, separated by a new line.
When the program encouters the keyword "Done" (it's key sensitive), it will start running through them one by one.
At the end, a JSON-style output will be presented with the results.
An empty new line will be considered a URL and will produce the appropriate message in the JSON response at the end.

2. Testing the application

There are 2 test classes upon which tests can be run:
- com.bbc.CommandLineReaderTest
- com.bbc.TaskTest

These can be run sequentially by inputting the following command from the command line, while in the directory of the unzipped file:

java -cp {path-to-your-junit-jar}:bbc-java.jar org.junit.runner.JUnitCore {test-to-run}

Because of lack of development time, the tests will not run offline (without accessing the Internet).

I have had my doubts that I would be able to finish in one day, as mentioned to your colleague while on the phone when I learned about the deadline, reason why the application isn't as clean, complete or properly structured as I would've wanted it to be.

In any case, the assignment was a bit more demanding than anticipated and I understand if you end up choosing a different candidate. At least I had fun doing it and learned a thing or two.

Take care,
Dragan Raicici