Kata Instructions for DTS candidates

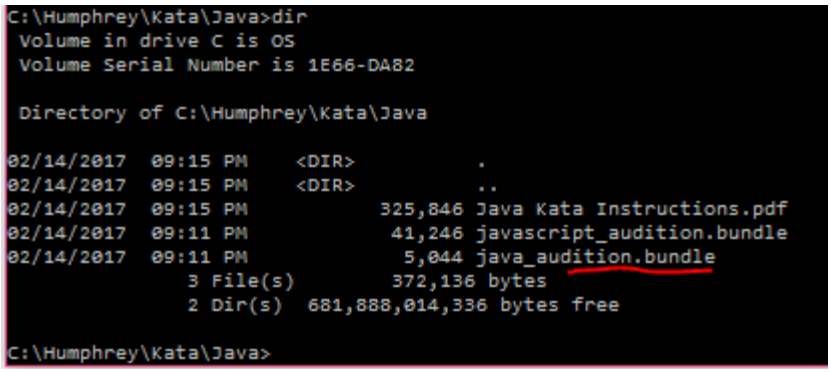
- All Kata requirements do not need to be coded in order for the Kata to be submitted, however requirements implemented should be done so using best practices. **This is a showcase of skill, not speed.**
- When submitting, please let us know what Kata requirements were implemented.
- Spend no more than two hours on the Kata test in totality.
- All code should be test-driven and committed.
- Completed Kata code must actually be functional and able to run. Queries must parse and not throw an exception.
- Completed code must be clean, repeatable, and must be "production ready".
- The Kata test is evaluated based upon the following criteria:
    - Thoroughness of solution
    - Review of decision making skills and comments you provide
    - Use of repeatable code
    - Ability to decompose the problem to build a comprehensive solution

Kata Test Requirements

- An empty Kata shell called java_audition.bundle
- An empty Kata shell called javascript_audition.bundle
- Internet connection to access the Kata test URL and obtain the problem description
- Latest JDK (open JDK or Oracle JDK)
- Git
- Java build tool i.e. Maven 2.x
- Javascript code testing framework i.e. Jasmine

Getting Started

1. Extract the zip file you received from your recruiter and save the ".bundle" files, i.e. java_audition.bundle and javascript_audition.bundle, to your system.



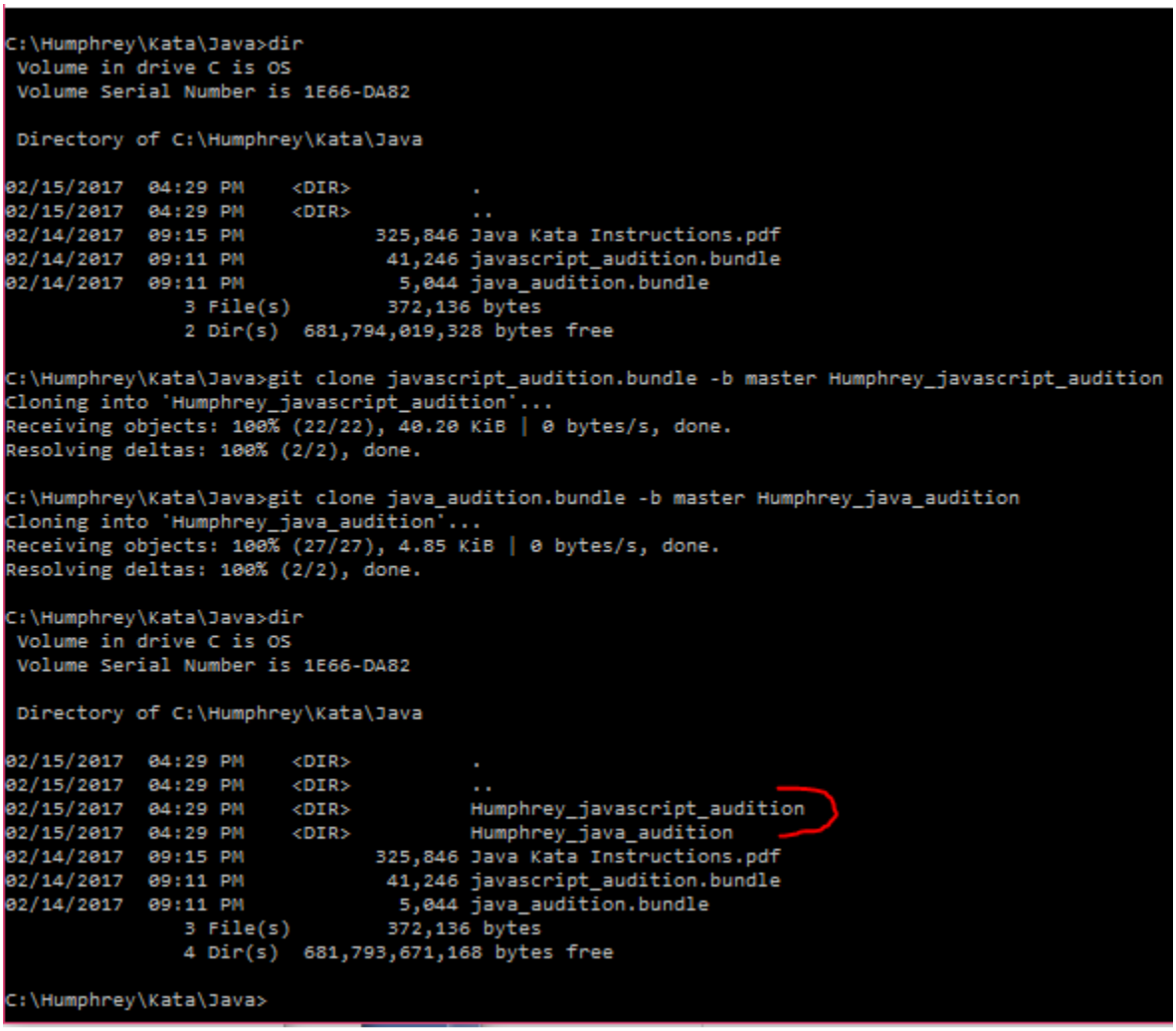
2. Go to http://git-scm.com/blog/2010/03/10/bundles.html for more information on git bundles. These files are compressed git repositories of empty project shells that you will be working within. To download, go to https://git-scm.com/downloads. The Java project uses Maven and the Javascript project has a working Jasmine SpecRunner.html.

3. Extract the bundle with git using the following command(s):

```
git clone java_audition.bundle -b master [candidates_name]_java_audition
git clone javascript_audition.bundle -b master
[candidates_name]_javascript_audition
```

Example:

```
git clone java_audition.bundle -b master Humphrey_java_audition
git clone javascript_audition.bundle -b master
Humphrey_javascript_audition
```



4. Go to http://codingdojo.org/kata/Minesweeper/ for the Java Kata code problem description and any clues.

5. Go to http://codingdojo.org/kata/BankOCR/ for the Javascript Kata code problem description and any clues.

6. Complete the Kata tests. Commit your changes as you develop.
   Note: Make sure all completed pieces are actually "production ready" code.

7. When done, create a new bundle with the implemented Kata; and make sure you have a copy of your repository in order to create the bundle:
   ```
   git bundle create [candidates_name]_java_audition.bundle master
   git bundle create [candidates_name]_javascript.bundle master
   ```
   Example:
   ```
   git bundle create Humphrey_java_audition.bundle master
   git bundle create Humphrey_javascript_audition.bundle master
   ```

8. Verify your bundle before submitting:
   ```
   git bundle verify [candidates_name]_java_audition.bundle
   git bundle verify [candidates_name]_javascript_audition.bundle
   ```
   Example:
   ```
   git bundle verify Humphrey_java_audition.bundle
   git bundle verify Humphrey_javascript_audition.bundle
   ```

9. Prepare a little write-up and zip all your files as [candidates_name]_files.zip e.g. Humphrey_files.zip. The zip file should include the following files
   ```
   Humphrey_java_audition.bundle
   Humphrey_javascript_audition.bundle
   README(write-up)
   ```

10. Send the zip file to your DTS recruiter via email.

11. Check with your recruiter to ensure they have received your completed Kata zip file.