

RawData.java

```
/*
 * Countries of the World App 1.5
 * RawData.java "RawData"
 * Waleed Gudah
 *
 */

import java.io.*;

public class RawData {

    private short id;
    private String countryCode;
    private String name;
    private String continent;
    private int size;
    private long population;
    private float lifeExp;
    private DataInputStream dataIn;
    private TheLog tLog;

    // *****//
    public RawData(String fileName, TheLog tLog) { // pass in string filename

        this.tLog = tLog;

        try {

            dataIn = new DataInputStream(

                new BufferedInputStream(new FileInputStream(new File("RawData"
                    + fileName + ".csv"))));

        } catch (FileNotFoundException e1) {

            System.out.println("The file required could not be found "
                + "in the root path of this application");

        }

        tLog.statusFile("RawData FILE opened");

    }

    // *****//
    public boolean nextRecord() {

        try {

            seperate(dataIn.readLine());

        } catch (Exception e) {

            return false;

        }

        return true;

    }

    // *****//
    public void seperate(String raw) {

        raw = raw.substring(30, raw.length() - 2); // Cut off the ends
    }
}
```

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raw = raw.replace("\"", "");

String[] oneRecord = raw.split(","); // Split the record up

fillFields(oneRecord);

}

// *****//
public void fillFields(String[] oneRecord) {

    setId(Short.parseShort(oneRecord[0]));

    setCountryCode(String.format("%-3s", oneRecord[1]));

    setName(String.format("%-16s", oneRecord[2]));

    setContinent(String.format("%-13s", oneRecord[3]));

    setSize(Integer.parseInt(oneRecord[5]));

    setPopulation(Long.parseLong(oneRecord[7]));

    setLifeExp(Float.parseFloat(oneRecord[8]));

}

// *****//
public void finishUp() {

    try {

        tLog.statusFile("RawData FILE closed");

        dataIn.close();

    } catch (IOException e) {

        e.printStackTrace();

    }

}

// *****//
public String getName() {

    return name;

}

// *****//
public void setName(String name) {

    this.name = name;

}

// *****//
public String getContinent() {

    return continent;
```

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```
}

// *****
public void setContinent(String continent) {

    this.continent = continent;

}

// *****
public int getSize() {

    return size;

}

// *****
public void setSize(int size) {

    this.size = size;

}

// *****
public long getPopulation() {

    return population;

}

// *****
public void setPopulation(long population) {

    this.population = population;

}

// *****
public float getLifeExp() {

    return lifeExp;

}

// *****
public void setLifeExp(float lifeExp) {

    this.lifeExp = lifeExp;

}

// *****

public String getCountryCode() {

    return countryCode;

}

// *****
public void setCountryCode(String countryCode) {

    this.countryCode = countryCode;

}

// *****
```

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```
public short getId() {  
    return id;  
}  
  
// *****  
public void setId(short id) {  
    this.id = id;  
}  
}
```