New: tmp/JacksonSerializer.java
Old: jackson/JacksonSerializer.java

```java
package org.geirove.exmeso.jackson;



import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.util.Iterator;



import org.com.codehaus.jackson.core.JsonFactory;
import org.com.codehaus.jackson.core.JsonGenerator;
import org.com.codehaus.jackson.core.JsonParser;
import org.com.codehaus.jackson.map.databind.ObjectMapper;
import org.geirove.exmeso.ExternalMergeSort;



public class JacksonSerializer<T> implements ExternalMergeSort.Serializer<T> {


    private static final ObjectMapper DEFAULT_MAPPER = new ObjectMapper() {{
        configure(JsonParser.Feature.AUTO_CLOSE_SOURCE, false);
        configure(JsonGenerator.Feature.AUTO_CLOSE_TARGET, false);
    }};


    private final Class<T> type;
    private final ObjectMapper mapper;


    public JacksonSerializer(Class<T> type) {
        this(type, DEFAULT_MAPPER);
    }


    public JacksonSerializer(Class<T> type, ObjectMapper mapper) {
        this.type = type;
        this.mapper = mapper;
    }
```

```java
    @Override
    public void writeValues(Iterator<T> values, OutputStream out) throws IOException{
        long st = System.currentTimeMillis();
        JsonFactory jsonFactory = mapper.getJsonFactorygetFactory();
        JsonGenerator jsonGenerator = jsonFactory.createJsonGeneratorcreateGenerator(out);
        jsonGenerator.writeStartArray();
        while (values.hasNext()) {
            T next = values.next();
            jsonGenerator.writeObject(next);
        }
        jsonGenerator.writeEndArray();
        jsonGenerator.close();
        if (ExternalMergeSort.debug) {
            System.out.println("W " + (System.currentTimeMillis() - st) + "ms");
        }
    }



    @Override
    public Iterator<T> readValues(InputStream input) throws IOException {
        JsonFactory jsonFactory = mapper.getJsonFactorygetFactory();
        JsonParser jsonParser = jsonFactory.createJsonParsercreateParser(input);
        jsonParser.nextToken(); // skipFills-in with the first token, which is JsonToken.START_
ARRAY.
        jsonParser.nextToken(); // Skips the JsonToken.START_ARRAY.
        return jsonParser.readValuesAs(type);
    }



}
```

-- Diff summary report --

Additions: 5

Deletions: 4

Changes: 10

The affected pages are:

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