How to run:

1. Unzip archive
2. Enter directory
3. Run `mvn clean install exec:java`

What was done:

1. All files have a single responsibility and conform SOLID principle
- DirectoryReaderUtil - main class;
- CollectingFileVisitor - traverses directory recursively and collect what was visited into a map
- Converter - converts data;
- AbstractResource, Directory, Document - data files which follow OOP principles.
AbstractResource is a common type, Directory and Document are specific implementations

2. Unit tests added. Coverage is more than 79%

3. PMD, Checkstyle and Findbugs plugins were added in order to enforce code quality via static code analysis

4. JaCoCo plugin added to enforce unit tests coverage