

TIKA - EXTRACTING MP4 FILES

http://www.tutorialspoint.com/tika/tika_extracting_mp4_files.htm

Copyright © tutorialspoint.com

Given below is the program to extract content and metadata from mp4 files:

```
import java.io.File;
import java.io.FileInputStream;
import java.io.IOException;

import org.apache.tika.exception.TikaException;
import org.apache.tika.metadata.Metadata;
import org.apache.tika.parser.ParseContext;
import org.apache.tika.parser.mp4.MP4Parser;
import org.apache.tika.sax.BodyContentHandler;

import org.xml.sax.SAXException;

public class Mp4Parse {

    public static void main(final String[] args) throws IOException, SAXException,
TikaException {

        //detecting the file type
        BodyContentHandler handler = new BodyContentHandler();
        Metadata metadata = new Metadata();
        FileInputStream inputstream = new FileInputStream(new File("example.mp4"));
        ParseContext pcontext = new ParseContext();

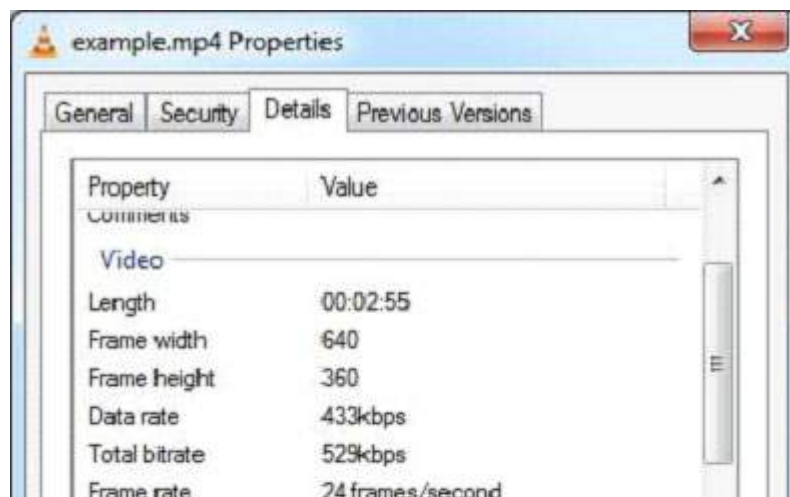
        //Html parser
        MP4Parser MP4Parser = new MP4Parser();
        MP4Parser.parse(inputstream, handler, metadata, pcontext);
        System.out.println("Contents of the document: " + handler.toString());
        System.out.println("Metadata of the document:");
        String[] metadataNames = metadata.names();

        for(String name : metadataNames) {
            System.out.println(name + ": " + metadata.get(name));
        }
    }
}
```

Save the above code as JpegParse.java, and compile it from the command prompt by using the following commands:

```
javac Mp4Parse.java
java Mp4Parse
```

Below given is snapshot of properties example.mp4 :





After executing the above program you will get the following output

Output:

Contents of the document:

Metadata of the document:

```
dcterms:modified: 2014-01-06T12:10:27Z
meta:creation-date: 1904-01-01T00:00:00Z
meta:save-date: 2014-01-06T12:10:27Z
Last-Modified: 2014-01-06T12:10:27Z
dcterms:created: 1904-01-01T00:00:00Z
date: 2014-01-06T12:10:27Z
tiff:ImageLength: 360
modified: 2014-01-06T12:10:27Z
Creation-Date: 1904-01-01T00:00:00Z
tiff:ImageWidth: 640
Content-Type: video/mp4
Last-Save-Date: 2014-01-06T12:10:27Z
```