Advertisement Screen

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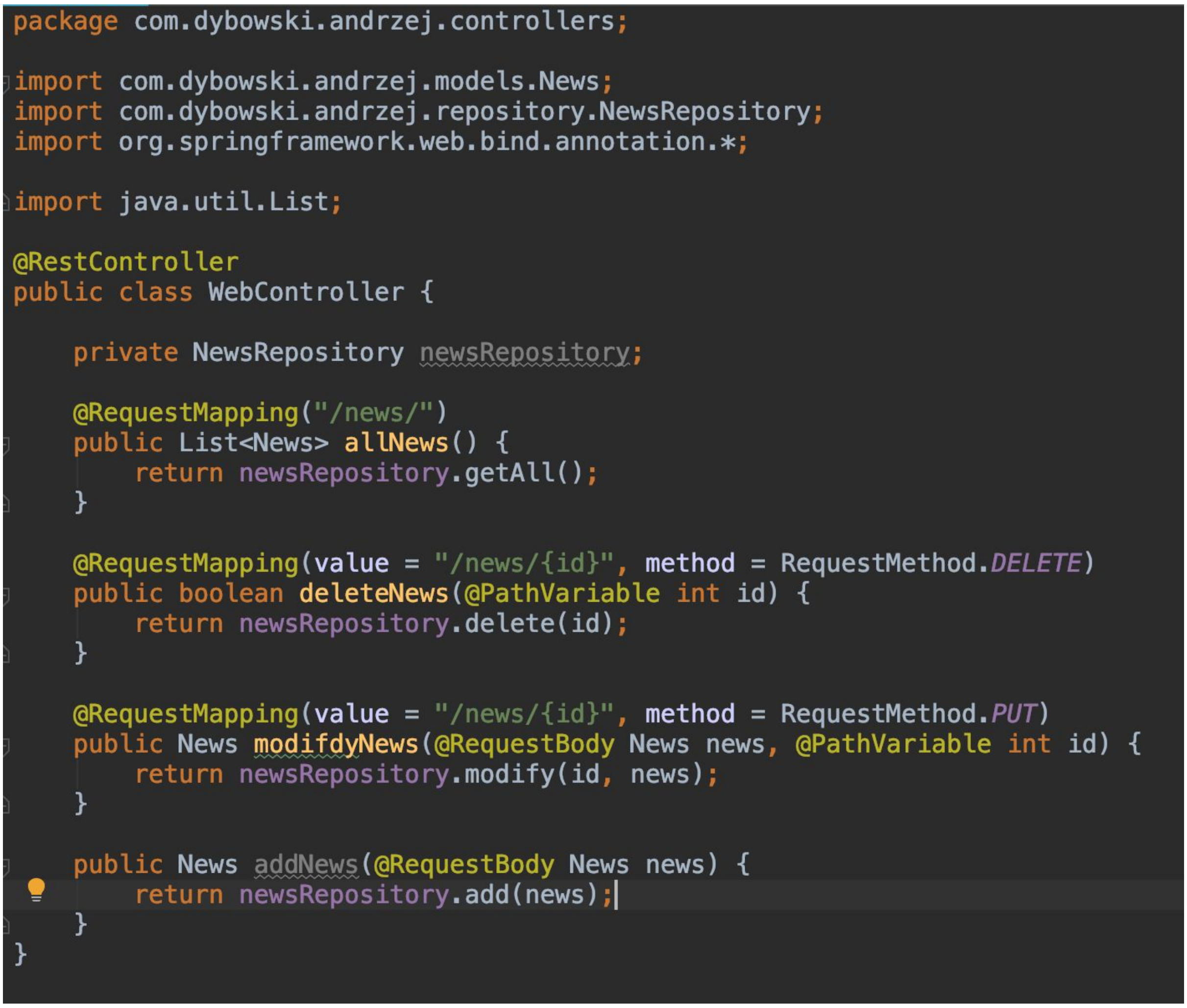
1. Andrzej Dybowski

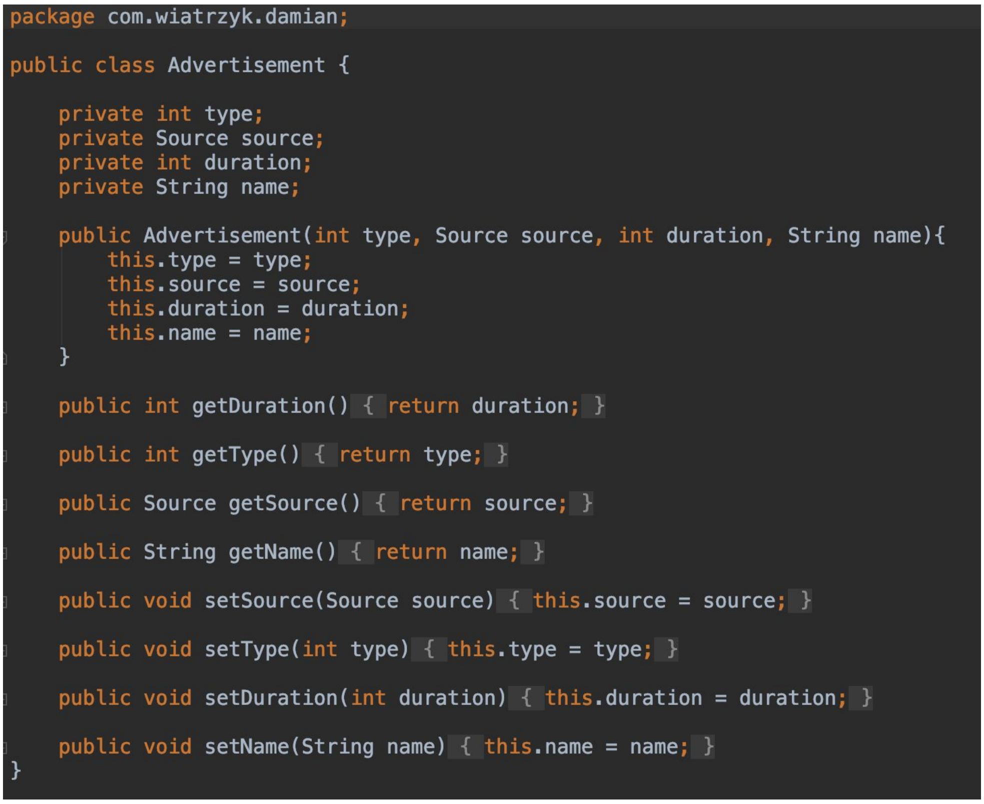
- obsługa przez WebInterface wiadomości (dodawanie, pobranie wszystkich, modyfikacja, usunięcie)



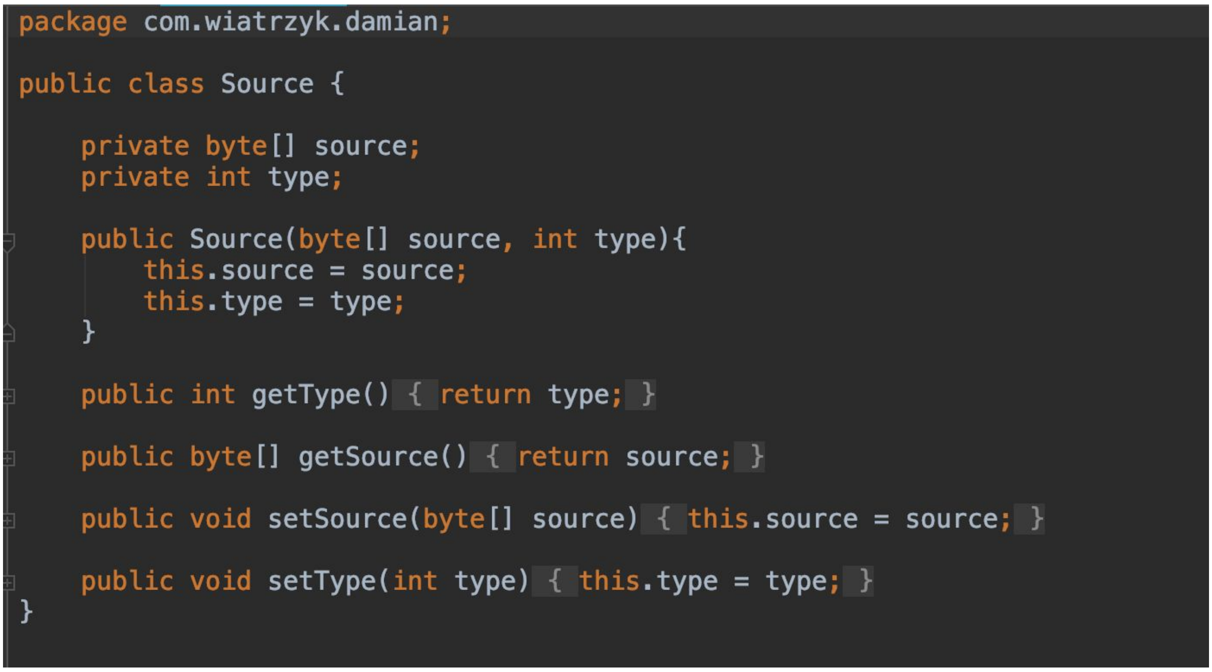
```java
package com.dybowski.andrzej.controllers;

import com.dybowski.andrzej.models.News;
import com.dybowski.andrzej.repository.NewsRepository;
import org.springframework.web.bind.annotation.*;

import java.util.List;

@RestController
public class WebController {

    private NewsRepository newsRepository;

    @RequestMapping("/news/")
    public List<News> allNews() {
        return newsRepository.getAll();
    }

    @RequestMapping(value = "/news/{id}", method = RequestMethod.DELETE)
    public boolean deleteNews(@PathVariable int id) {
        return newsRepository.delete(id);
    }

    @RequestMapping(value = "/news/{id}", method = RequestMethod.PUT)
    public News modifdyNews(@RequestBody News news, @PathVariable int id) {
        return newsRepository.modify(id, news);
    }

    public News addNews(@RequestBody News news) {
        return newsRepository.add(news);
    }
}
```

2. Damian Wiatrzyk

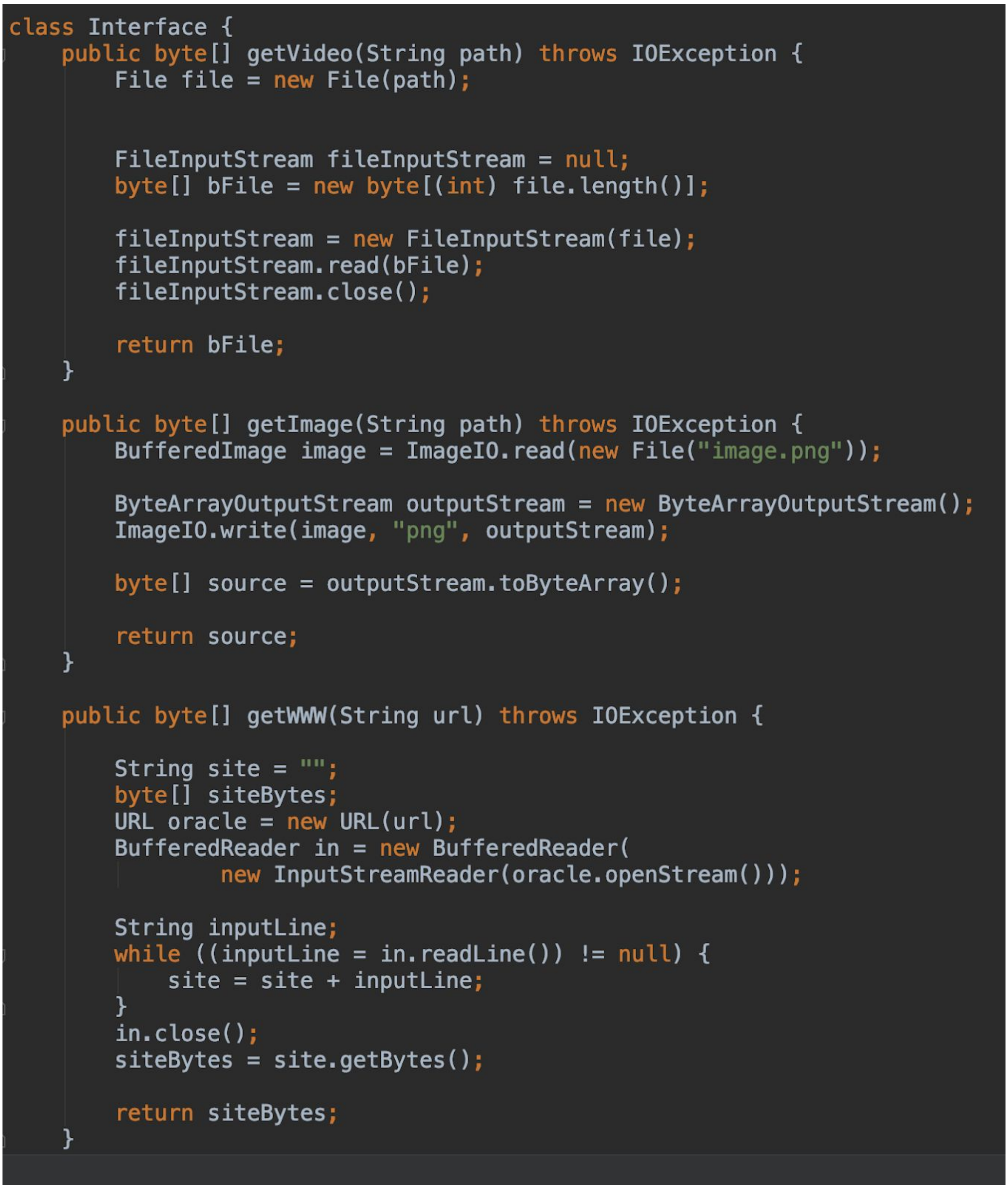
- czytanie plików oraz pobieranie treści www



```java
package com.wiatrzyk.damian;

public class Advertisement {

    private int type;
    private Source source;
    private int duration;
    private String name;

    public Advertisement(int type, Source source, int duration, String name){
        this.type = type;
        this.source = source;
        this.duration = duration;
        this.name = name;
    }

    public int getDuration() { return duration; }

    public int getType() { return type; }

    public Source getSource() { return source; }

    public String getName() { return name; }

    public void setSource(Source source) { this.source = source; }

    public void setType(int type) { this.type = type; }

    public void setDuration(int duration) { this.duration = duration; }

    public void setName(String name) { this.name = name; }
}
```



```java
package com.wiatrzyk.damian;

public class Source {

    private byte[] source;
    private int type;

    public Source(byte[] source, int type){
        this.source = source;
        this.type = type;
    }

    public int getType() { return type; }

    public byte[] getSource() { return source; }

    public void setSource(byte[] source) { this.source = source; }

    public void setType(int type) { this.type = type; }
}
```



```java
class Interface {
    public byte[] getVideo(String path) throws IOException {
        File file = new File(path);


        FileInputStream fileInputStream = null;
        byte[] bFile = new byte[(int) file.length()];

        fileInputStream = new FileInputStream(file);
        fileInputStream.read(bFile);
        fileInputStream.close();

        return bFile;
    }

    public byte[] getImage(String path) throws IOException {
        BufferedImage image = ImageIO.read(new File("image.png"));

        ByteArrayOutputStream outputStream = new ByteArrayOutputStream();
        ImageIO.write(image, "png", outputStream);

        byte[] source = outputStream.toByteArray();

        return source;
    }

    public byte[] getWWW(String url) throws IOException {

        String site = "";
        byte[] siteBytes;
        URL oracle = new URL(url);
        BufferedReader in = new BufferedReader(
                new InputStreamReader(oracle.openStream()));

        String inputLine;
        while ((inputLine = in.readLine()) != null) {
            site = site + inputLine;
        }
        in.close();
        siteBytes = site.getBytes();

        return siteBytes;
    }
```