



Presentation of DAI project : BIM

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Our project

- works with simple bmp files
- applies a variety of filters with many parameters
- simple CLI tool



Example 1

```
java -jar target/DAI-filters-1.0-SNAPSHOT.jar  
-f COLOR_INTENSITY test_images/desert.bmp  
test_images/desert_200_color.bmp 200 apply
```

Filter :

COLOR_INTENSITY

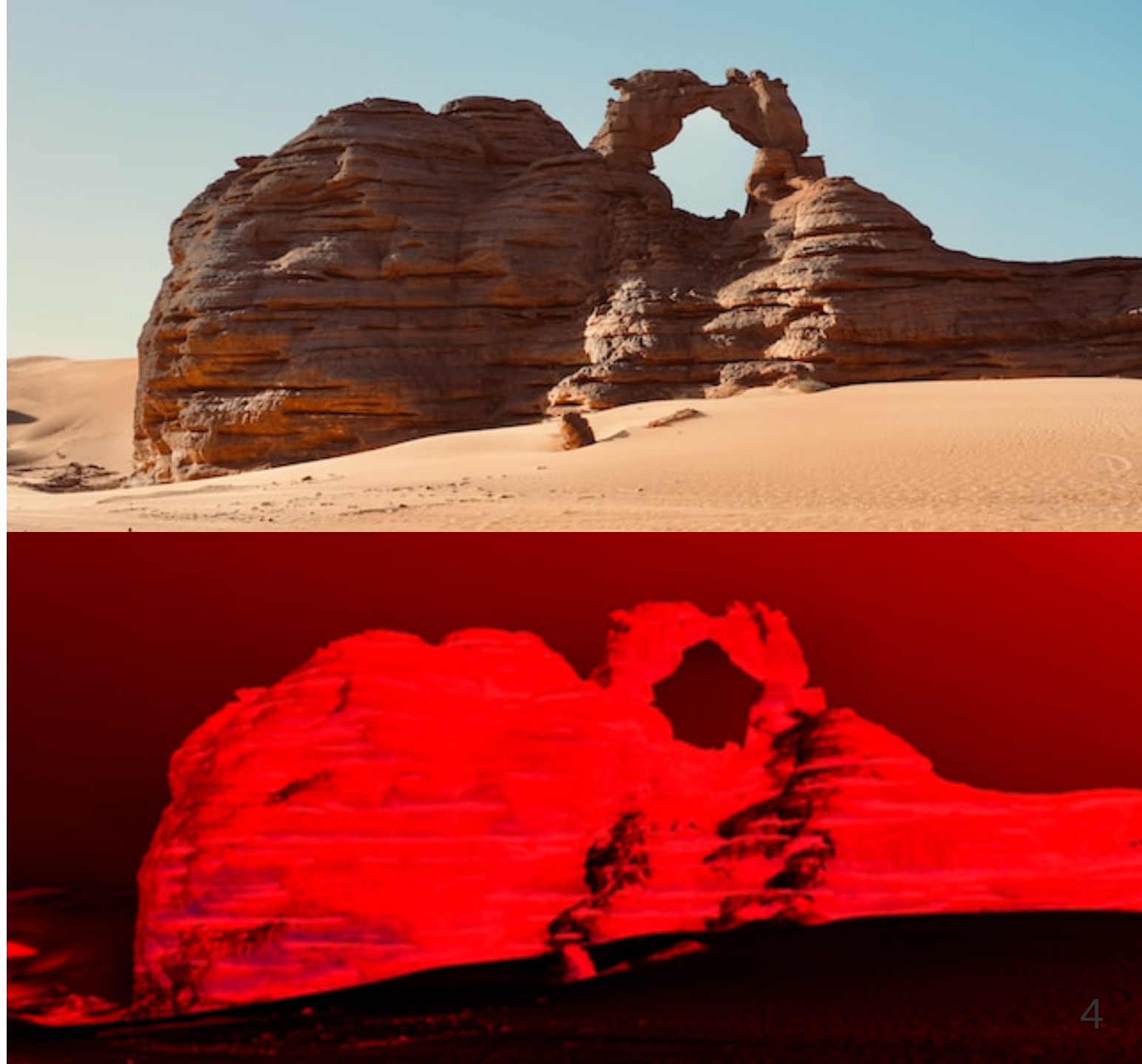
Intensity : 200%



Example 2

Two filters applied:

1. **Adjust color** 150 20
20 250
2. **Moving average**,
size 2



Code

- commands : picocli stuff
- file : image file read/write
- filters
- image : the simple representation used throughout our project

file and filter are actually interfaces with different implementations. This is redundant for file image since we only implemented bitmap.

