

Animated GIF Writer

This class will generate an animated GIF from a sequence of individual images. The class provides the following methods:

```
class GifSequenceWriter {
    public GifSequenceWriter(
        ImageOutputStream outputStream,
        int imageType,
        int timeBetweenFramesMS,
        boolean loopContinuously);

    public void writeToSequence(RenderedImage img);

    public void close();
}
```

[Download](#) the file now.

As an example, here is how to combine a number of image files into one animated gif (I ran it on [these](#), and got [this](#) as a result):

```
public static void main(String[] args) throws Exception {
    if (args.length > 1) {
        // grab the output image type from the first image in the sequence
        BufferedImage firstImage = ImageIO.read(new File(args[0]));

        // create a new BufferedOutputStream with the last argument
        ImageOutputStream output =
            new FileImageOutputStream(new File(args[args.length - 1]));

        // create a gif sequence with the type of the first image, 1 second
        // between frames, which loops continuously
        GifSequenceWriter writer =
            new GifSequenceWriter(output, firstImage.getType(), 1, false);

        // write out the first image to our sequence...
        writer.writeToSequence(firstImage);
        for(int i=1; i<args.length-1; i++) {
            BufferedImage nextImage = ImageIO.read(new File(args[i]));
            writer.writeToSequence(nextImage);
        }

        writer.close();
        output.close();
    } else {
        System.out.println(
            "Usage: java GifSequenceWriter [list of gif files] [output file]");
    }
}
```



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