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Extension: resize image

```
public void resizeImage(int newWidth, int newHeight)
{
    try {
        BufferedImage outImage = new BufferedImage(newWidth,
newHeight, image.getType());
        Graphics2D graphics = outImage.createGraphics();
        graphics.drawImage(image, 0, 0, newWidth, newHeight, null);
        graphics.dispose();
        image = outImage;
        width = newWidth;
        height = newHeight;
    }
    catch (IllegalArgumentException e) {
        System.out.println("IllegalArgumentException");
    }
}
```

resizeImage() is a function that takes in two parameters, the new desired width and height and changes the image to the that size. This will allow the application to support different size images.

Extension: save StegoImage to an image file

```
public void saveImage(String filename, String filetype)
{
    try
    {
        File outfile = new File(filename);
        ImageIO.write(image, filetype, outfile);
        System.out.println("File writing complete");
    }
    catch(IOException e)
    {
        System.out.println(e);
    }
}
```

saveImage() is a function that takes two parameters, the filename and the type of the file that will store the image. This function writes the image stored in the image buffer to the desired file, essentially saving the image to file.