

# Area.SaveImage(System.IO.Stream, ImageFormat, int?, int?)

Introduced in build 9.1

## Description

Writes an [Area](#) as an image with the specified dimensions in pixels to the specified stream.

### C#

```
public static void SaveImage(System.IO.Stream stream, ImageFormat imageFormat, int? width, int? height)
```

### vb.net

```
Public Static Sub SaveImage(ByVal stream As System.IO.stream, ByVal imageFormat As ImageFormat, ByVal width As int?, ByVal height As int?)
```

## Parameters

### *stream*

The output stream to write to. This stream must be open and writable. ExcelWriter will not close this stream; the calling program is responsible for closing the stream and releasing the resource.

### *ImageFormat*

The file format ExcelWriter will save the area as. Supported file types include GIF, JPEG, BMP, PNG, EMF, TIFF, and WMF

### *width*

The desired width of the image in pixels

### *height*

The desired height of the image in pixels

## Exceptions

### *System.Exception*

If there is a problem creating, opening, or writing to the file specified, or reading from the Area object.

## Examples

## C#

```
ExcelApplication xla = new ExcelApplication();  
    Workbook WB= xla.Create(FileFormat.Xlsx);  
    Area areaOne= WB[0].CreateArea("A1:B3");  
    FileStream fstream = new FileStream(@"C:\temp\outfile.xls",  
    FileMode.Create);  
        areaOne.SaveImage(fstream, System.Drawing.Imaging.ImageFormat.Png, 600,  
400);
```

## vb.net

```
Dim oExcelApp As New ExcelApplication()  
    Dim wb As Workbook = oExcelApp.Create(FileFormat.Xlsx)  
    Dim areaOne As Area= WB[0].CreateArea("A1:B3")  
    Dim fstream As New FileStream("C:\temp\outfile.xls", FileMode.Create)  
  
        areaOne.SaveImage(fstream, System.Drawing.Imaging.ImageFormat.Png, 600,  
400)
```