

# Package ‘imguR’

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**Type** Package

**Title** Share plots using the imgur.com image hosting service

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**Author** Aaron Statham

**Maintainer** Aaron Statham <aaron.l.statham@gmail.com>

**Depends** XML, RCurl

**Description** A package to share plots using the image hosting service imgur.com

**License** GPL-3

**LazyLoad** yes

**Repository** CRAN

**Repository/R-Forge/Project** imgur

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`dev.off`*Close a plotting device and upload to imguR*

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**Description**

This function closes the specified plot (by default the current device) and if it is an imguR device, uploads the plots for web hosting

**Usage**

```
dev.off(which = dev.cur(), justLink = TRUE)
```

**Arguments**

<code>which</code>	An integer specifying a device number
<code>justLink</code>	A boolean indicating whether to return only a link.

**Details**

This package is a wrapper for the pdf function. A temporary file is created by pdf, acting as normal graphical device. After plotting, when dev.off is called, the file is closed, uploaded to imguR and a URL of the files location is returned. In the case of multipaged pdfs being uploaded, imguR automatically concatenates them into a single image.

This function overloads the grDevices::dev.off() function, inspects whether the device chosen to be closed in an imguR device, and if so handles closing and uploading of this device, otherwise passes the which argument to be handled by grDevices::dev.off().

**Value**

If justLink is TRUE, then a character vector of length one is returned containing the URL of where the plot is hosted. If justLink is FALSE, a list parsed from the imguR JSON response after uploading the plot - importantly this includes the link which when visited will delete the plot from imguR.

**Author(s)**

Aaron Statham (aaron.l.statham@gmail.com)

**References**

<http://www.imgur.com> <http://github.com/astatham/imgur-R-Package>

**See Also**

[imguR](#) [imguRupload](#)

## Examples

```
imguR()  
plot(x=1:10, y=-1:-10, col=1:10, pch=19, main="oh hai dere")  
cat(dev.off())
```

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imguR

*imguR Graphics Device*

---

## Description

imguR starts a device driver (wrapped around pdf) which automatically uploads plots to the free image hosting service imgur.com

## Usage

```
imguR(title = NULL, caption = NULL, name = NULL, ...)
```

## Arguments

title	Image title passed to the imguR API
caption	Image title passed to the imguR API
name	Image title passed to the imguR API
...	Additional arguments passed to pdf

## Details

This package is a wrapper for the pdf function. A temporary file is created by pdf, acting as normal graphical device. After plotting, when dev.off is called, the file is closed, uploaded to imguR and a URL of the files location is returned. In the case of multipaged pdfs being uploaded, imguR automatically concatenates them into a single image.

## Value

imguR is invoked for its side effect and returns nothing

## Author(s)

Aaron Statham (aaron.l.statham@gmail.com)

## References

<http://www.imgur.com> <http://github.com/astatham/imgur-R-Package>

## See Also

[dev.off](#) [imguRupload](#)

**Examples**

```
imguR()
plot(x=1:10, y=-1:-10, col=1:10, pch=19, main="oh hai dere")
cat(dev.off())
```

---

imguRupload

*Uploads an image file to imgur.com*


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**Description**

Takes an image file, and uploads it to imgur.com using the anonymous API and returns a list containing details of where the image is hosted.

**Usage**

```
imguRupload(filename, title = NULL, caption = NULL, name = basename(filename), apikey = "4feb29d00face5
```

**Arguments**

filename	Name of the file to be uploaded to imgur.com
title	Image title passed to the imguR API
caption	Image title passed to the imguR API
name	Image title passed to the imguR API
apikey	The anonymous API key provided by imgur for the imguR package - this allows 50 image uploads per hour.

**Value**

A list parsed from the imguR JSON response after uploading the plot (see the imgur API for details)

**Author(s)**

Aaron Statham (aaron.l.statham@gmail.com)

**References**

<http://www.imgur.com> <http://github.com/astatham/imgur-R-Package>

**See Also**

[imguR dev.off](#)

**Examples**

```
tmpfile <- tempfile()
pdf(tmpfile)
plot(x=1:10, y=-1:-10, col=1:10, pch=19, main="oh hai dere")
dev.off()
temp <- imguRupload(tmpfile)
cat(temp["links.imgur_page"])
```

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to.imguR

*imguR Graphics Device*

---

**Description**

Copies the current graphics device to imgur.com

**Usage**

```
to.imguR()
```

**Details**

This package is a wrapper for the pdf function. A temporary file is created by pdf, acting as normal graphical device. After plotting, when dev.off is called, the file is closed, uploaded to imguR and a URL of the files location is returned. In the case of multipaged pdfs being uploaded, imguR automatically concatenates them into a single image.

**Value**

imguR is invoked for its side effect and returns nothing

**Author(s)**

Aaron Statham (aaron.l.statham@gmail.com)

**References**

<http://www.imgur.com> <http://github.com/astatham/imgur-R-Package>

**See Also**

[dev.off](#) [imguRupload](#)

**Examples**

```
plot(x=1:10, y=-1:-10, col=1:10, pch=19, main="oh hai dere")
cat(to.imguR())
```

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