

Clouldinary





# Image Management for Developers

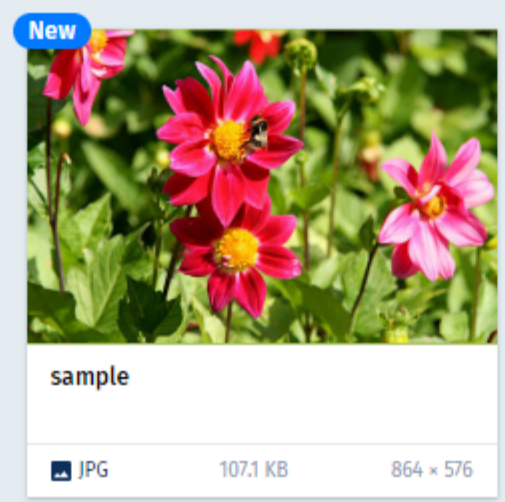
## Automate Your Entire Image Management Lifecycle

Images tell a story while persuading and engaging users. However, delivering the right version for each and every viewing context means having to create variants to suit all designs, layouts, and device resolutions while simultaneously optimizing performance. Manually undertaking such a task can be labor-intensive and time-consuming.

Cloudinary simplifies image management by automating the entire image lifecycle—from upload, storage, and management to on-the-fly manipulation for creating multiple variants and high-performance delivery through global Content Delivery Networks.



Free	Plus	Advanced	Custom
Free for as long as you need for developers and businesses	Great step up for growing image and video needs	Better choice for teams with rich media requirements	Media at scale, enhanced security, custom configurations, dedicated support, and more
<del>\$17</del> <b>\$0</b> No credit card required	<b>\$89</b> per month	<b>\$224</b> per month	<b>Flexible Pricing</b>
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# Media Library



**bart\_gfequa**

256x240, 17 KB GIF

Uploaded a day ago (2017-03-25 15:52:15)

[+ Add tag](#) [Edit meta data](#) [Rename](#) [Remove image background](#)

[View image](#)

[← Back to Media Library](#)



View derived images

Delete

## Resize & crop

[Reset](#)

Width:



Height:



Mode:



Scale

## Format & shape

Format:



Don't change

Quality:



Manual

Corner radius:



Rotation angle:



☐ Automatic rotation

## Look & feel

Effect:



No effect

[More options...](#)



[View full-size image](#)

URL

HTTPS

Ruby

PHP

Python

Node.js

Java

jQuery

.Net

[http://res.cloudinary.com/edel020/image/upload/v1490457135/bart\\_gfequa.gif](http://res.cloudinary.com/edel020/image/upload/v1490457135/bart_gfequa.gif)

[Add overlay & watermark...](#)

[Chain another transformation...](#)



## Dashboard

### Account Details

Cloud name:

API Key:  [Copy to clipboard](#)

API Secret: \*\*\*\*\* [Copy to clipboard](#) [Reveal](#)

Environment variable: CLOUDINARY\_URL=cloudinary://\*\*\*\*\*:\*\*\*\*\*@

.env.json

```
{
  "cloudinary": {
    "cloud_name": "XXX",
    "api_key": "XXXXXXXXXXXXXXXX",
    "api_secret": "XXXXXXXXXXXXXXXXXXXXXXX"
  }
}
```





## Ruby On Rails integration

Getting Started Guide  
Rails image upload  
Rails image manipulation  
Rails & CarrierWave integration



## Node.js integration

Getting Started Guide  
Node.js image upload  
Node.js image manipulation



## .NET integration

Getting Started Guide  
ASP.NET image upload  
.NET image manipulation



## jQuery integration

Getting Started Guide  
jQuery image upload  
jQuery image manipulation



## Java integration

Getting Started Guide  
Java image upload  
Java image manipulation

## Other frameworks



Android SDK

iOS iOS SDK



AngularJS plugin



Scala SDK



Magento  
extension



WordPress plugin



## PHP integration

Getting Started Guide  
PHP image upload  
PHP image manipulation



## Django integration

Getting Started Guide  
Django image upload  
Django image manipulation



## ▼ Getting started guide

### Installation

Configuration

Upload images

Display and manipulate  
images

Sample projects

What's next

## ▼ Node.js image upload

Overview

Server side upload

Direct uploading from the  
browser

Incoming transformations

Eager transformations

Semantic data extraction

Raw file uploading

Update and delete images

Manage tags

Text creation

Notifications and async  
transformations

Upload method  
parameters

# 1 Installation

Cloudinary's Node.js integration library is available as an open-source NPM.

To install the Cloudinary NPM, run:

```
npm install cloudinary
```

Include Cloudinary's Node.js classes in your code:

```
var cloudinary = require('cloudinary');
```



[https://github.com/cloudinary/cloudinary\\_npm](https://github.com/cloudinary/cloudinary_npm)



<https://npmjs.org/package/cloudinary>

# 2 Configuration

Your **cloud\_name** account parameter is required to build image URLs. **api\_key** and **api\_secret** are further needed to perform secure API calls to Cloudinary (e.g., image uploads). See [Account and API setup](#) for more details.

Setting the configuration parameters can be done either programmatically in each call to a Cloudinary method or globally using an environment variable or the **config** method.

# Cloudinary: API to Login

cloudinary  
api

‘log in’ to  
cloudinary using  
credentials

```
const cloudinary = require('cloudinary');  
  
cloudinary.config({  
  cloud_name: 'sample',  
  api_key: '874837483274837',  
  api_secret: 'a676b67565c6767a6767d6767f676fe1'  
});
```

# Cloudinary: API to upload/delete

upload  
a file

```
cloudinary.uploader.upload("my_picture.jpg", function (result) {  
  console.log(result)  
});
```

delete  
a file

```
cloudinary.api.delete_resources([public_id], function (result) {  
  console.log(result);  
});
```

```
result = {  
  public_id: 'sample',  
  version: 1312461204,  
  width: 864,  
  height: 576,  
  format: 'jpg',  
  bytes: 120253,  
  url: 'http://res.cloudinary.com/demo/image/upload/v1371281596/sample.jpg',  
  secure_url: 'https://res.cloudinary.com/demo/image/upload/v1371281596/sample.jpg'  
};
```

resource created by cloudinary

# Cloudinary: image urls

```
result = {  
  public_id: 'sample',  
  version: 1312461204,  
  width: 864,  
  height: 576,  
  format: 'jpg',  
  bytes: 120253,  
  url: 'http://res.cloudinary.com/demo/image/upload/v1371281596/sample.jpg',  
  secure_url: 'https://res.cloudinary.com/demo/image/upload/v1371281596/sample.jpg'  
};
```



