



> [RubyThursday](#)

Ruby Snack #23

Froala WYSIWYG:
Saving Images on Amazon S3

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What You'll Learn in this Episode



- Install Froala Image Plugin
- Configure app to use Amazon S3
- Add CORS Configuration
- Edit Show view to allow images from Amazon S3

Want To Code Along?



1. Rails app created
2. Froala installed
3. AWS Account

Check out this video...



Install Froala Image Plugin



1. `/app/assets/javascripts/application.js`

```
//= require plugins/file_upload.min.js
```

2. `/app/views/crew_members/_form.html.erb`

```
buttons: [ ...  
          , 'insertImage']
```

Configure app to use Amazon S3



1. /config/initializers/AWS_CONFIG.rb

```
AWS_CONFIG = {  
  'access_key_id' => ENV["aws_access_key_id"],  
  'secret_access_key' => ENV["aws_secret_access_key"],  
  'bucket' => 'ruby-thursday-froala',  
  'acl' => 'public-read',  
  'key_start' => 'uploads/'  
}
```

2. /lib/amazon_signature.rb

[link to gist](#)

Configure app to use Amazon S3 (cont.)



3. app/controllers/crew_members_controller.rb

```
include AmazonSignature

def new
  @hash = AmazonSignature::data_hash
  ...
end

def create
  @hash = AmazonSignature::data_hash
  ...
end
```

4. config/application.rb

```
config.autoload_paths += %W(#{config.root}/lib)
```

Configure app to use Amazon S3 (cont.)



5. config/application.yml

```
aws_access_key_id: <your key id>  
aws_secret_access_key: <your key>
```

6. Gemfile

```
gem "figaro"
```

Configure app to use Amazon S3 (cont.)



7. /app/views/crew_members/_form.html.erb

```
<script>
  $('#wysiwyg').editable({
    ...
    imageUploadToS3: {
      bucket: '<%= @hash[:bucket] %>',
      region: 's3', // Change the region if it is different
      keyStart: '<%= @hash[:key_start] %>',
      callback: function (url, key) {
        console.log (url);
        console.log (key);
      },
      params: {
        acl: '<%= @hash[:acl] %>',
        AWSAccessKeyId: '<%= @hash[:access_key] %>',
        policy: '<%= @hash[:policy] %>',
        signature: '<%= @hash[:signature] %>',
      }
    }
  })
</script>
```


Add CORS Configuration



```
<?xml version="1.0" encoding="UTF-8"?>
<CORSConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <CORSRule>
    <AllowedOrigin>http://localhost:3000</AllowedOrigin>
    <AllowedMethod>GET</AllowedMethod>
    <AllowedMethod>POST</AllowedMethod>
    <AllowedMethod>PUT</AllowedMethod>
    <MaxAgeSeconds>3000</MaxAgeSeconds>
    <AllowedHeader>*</AllowedHeader>
  </CORSRule>
</CORSConfiguration>
```



/app/views/starships/show.html.erb

```
<div class="froala-view">  
  <%= simple_format(crew_member.bio, {}, sanitize: false) %>  
</div>
```

Resources



<https://github.com/froala/wysiwyg-rails/issues/15>

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