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# vue+Minio uploads multi-document pro

Breeze midnight 2022-03-16 09:48 7091



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## background

I suddenly received a product demand recently, which is a bit special. I will share it with you here. The demand is as follows

1. Submit the form and upload the model resources
2. The model file is a big file, to show the upload progress, and it can be deleted at the same time
3. The model file should be uploaded to the server, and the data of the table should be synchronized to the database
4. At the same time, the model address after simultaneous upload must be uploaded to the database
5. Use Minio for document management at the back end

The design drawings are as follows

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## ↑ 上传模型资源



别名

测试资源



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备注

测试多模型上传

资源文件

选择文件

仅支持.gbl、.gltf、.fbx、.obj、.mtl、.hdr、.png、.jpg格式的文件

单个文件的大小限制为128MB

model3d1.glb

12.29MB

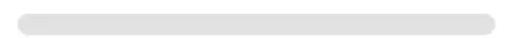


0%



model3d2.glb

8.68MB



0%



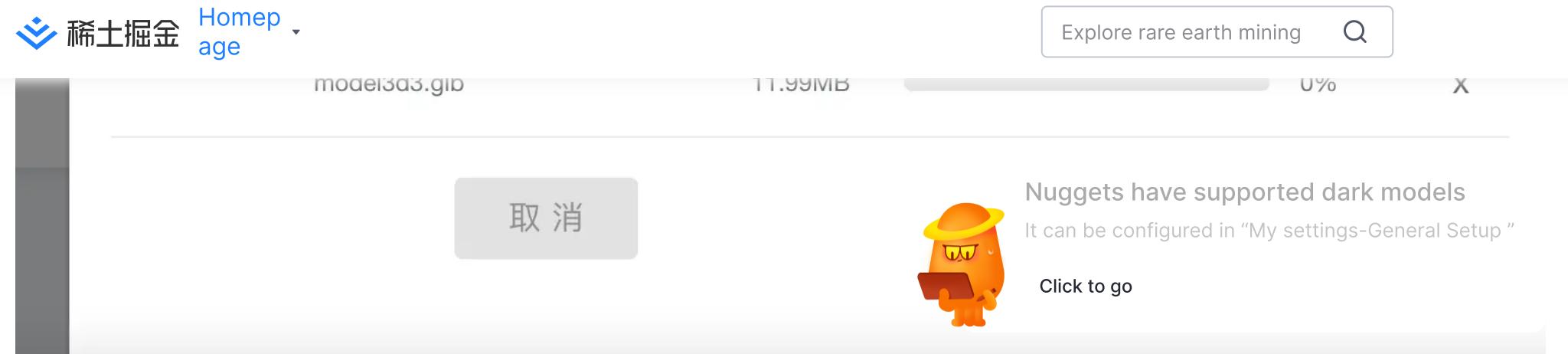
model3d4.glb

12.58MB



0%





At first, I thought it was a simple form upload. I found that it was not a big file upload, but soon I found that not only upload large files, but also link the file information to the form.

Based on this wonderful situation, I discussed with the back brother and decided to use the following plan

## Implementation plan

Walk in 2 steps

1. When clicking on the upload, submit the form information to the database first, and then return to a form id at the back end
2. When all files are uploaded, call another service and send the uploaded address and form id to the back end

In this way, the above requirements are completed

## Learn about Mino



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There are 2 very important interfaces to use today



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## presignedPutObject(bucketName, objectName, expiry[, callback])

生成一个给HTTP PUT请求用的presigned URL。浏览器/移动端的客户端可以用这个URL进行上传，以设置一个失效时间，默认值是7天。

### 参数

参数	类型	描述
bucketName	string	存储桶名称。
objectName	string	对象名称。
expiry	number	失效时间（以秒为单位），默认是7天，不得大于七天。
callback(err, presignedUrl)	function	如果 err 不是null则代表有错误。 presignedUrl 用于使用PUT请求进行上传。如果没有传callback的话，则返回一个 Promise 对象。



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### 示例

```
// expires in a day.
minioClient.presignedPutObject('mybucket', 'hello.txt', 24*60*60, function(err, presignedUrl) {
  if (err) return console.log(err)
  console.log(presignedUrl)
})
```

Copy

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One is to get the download address of the file after uploading



以设置一个失效时间， 默认值是7天。

## 参数

参数	类型	描述	
bucketName	string	存储桶名称。	 Nuggets have supported dark models It can be configured in "My settings-General Setup"
objectName	string	对象名称。	<a href="#">Click to go</a>
expiry	number	失效时间（以秒为单位）， 默认是7天， 不得大于七天。	
callback(err, presignedUrl)	function	如果 err 不是null则代表有错误。 presignedUrl 就是可用于临时下载的URL。如果没有传callback的话，则返回一个 Promise 对象。	

## 示例

```
// expires in a day.
minioClient.presignedGetObject('mybucket', 'hello.txt', 24*60*60, function(err, presignedUrl) {
  if (err) return console.log(err)
  console.log(presignedUrl)
})
```

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## Implementation steps

Here is a request for upload using the original ajax request. As for why, there will be a later

Create an example of Minio upload



[html](#) [Copy code](#)

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```

1 var Minio = require('minio')
2
3 this.minioClient = new Minio.Client({
4     endPoint: '192.168.172.162', //后端提供
5     port: 9000, //端口号默认9000
6     useSSL: true,
7     accessKey: 'Q3AM3UQ867SPQQA43P2F', //后端提供
8     secretKey: 'zuf+tfteSlswRu7BJ86wekitnifILbZam1KYY3TG'
9 });
10
11 this.userBucket = 'yourBucketName' //这里后端需要提供给你，一个存储桶名字

```

## 2. Select file

Use the input label to select files here. When clicking on the selection files, call the click method of input to open the local folder

[html](#) [Copy code](#)

```

1 <el-form-item label="资源文件">
2   <el-button
3     style="marginRight:10px;"
4     @click="selectFile()"
5     size="mini"
6   >选择文件</el-button>

```



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```

10   type="file"
11   id="uploadInput"
12   ref="uploadInput"
13   v-show="false"
14   @change="getAndFormatFile()"
15   >
16   <i class="tip">仅支持.gbl、.gltf、.fbx、.obj、.mtl、.hdr、.png、.jpg格式的文件</i>
17   <i class="tip">单个文件的大小限制为128MB</i>
18 </el-form-item>
19

```



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js Copy code

```

1
2 selectFile() {
3     let inputDOM = this.$refs.uploadInput
4     inputDOM.click();
5 },
6

```

Then it is to format the file

js Copy code

```

1 //格式化文件并创建上传队列
2 getAndFormatFile(){
3     let files = this.$refs.uploadInput.files
4     const userBucket = this.userBucket
5     if(files.length > 6) {

```

```
9      })
10     return
11   }
12   files.forEach((file, index) => {
13     if ((file.size / 1024 / 1024).toFixed(2) > 128) { //单个文件限制大小为128MB
14       this.$message({
15         message: `文件大小不能超过128MB`,
16         type: 'warning'
17       })
18     }
19   }
20   //创建文件的put方法的url
21   this.minioClient.presignedPutObject(userBucket, file.name, 24 * 60 * 60, (err, presignedUrl) => {
22     if (err) {
23       this.$message({
24         message: `服务器连接超时`,
25         type: 'error'
26       })
27       return err
28     }
29     let fileIcon = this.getFileIcon(file)
30     let fileUploadProgress = '0%' //文件上传进度
31     this fileInfoList.push({
32       file, //文件
33       fileIcon, //文件对应的图标 className
34       fileUploadProgress, //文件上传进度
35       filePutUrl: presignedUrl, //文件上传put方法的url
36       fileGetUrl: '', //文件下载的url
37     })
38   })
39 })
```



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### 3.Create upload queues

Here is defined as a method for creating file upload requests, using native [XMLHTM](#)



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- `file` :Documents to be uploaded
- `filePutUrl` :Put method address for file upload
- `customHeader` : Self-defined head messages
- `onUploadProgress` :Progress monitoring function uploaded by file
- `onUploaded` :Monitoring function completed by file upload
- `onError` :Wrong monitoring function uploaded from the file

[js](#) [copy code](#)

```

1 //创建上传文件的http
2 createUploadHttp(config){
3   const {file, filePutUrl, customHeader, onUploadProgress, onUploaded, onError} = config
4   let fileName = file.name
5   let http = new XMLHttpRequest();
6   http.upload.addEventListener("progress", (e) => { //监听http的进度。并执行进度监听函数
7     onUploadProgress({
8       progressEvent: e,
9       uploadingFile: file
10    })
11   }, false)
12
13   http.onload = () => {

```



```

17     const result = http.responseURL
18     onUploaded({ result, uploadedFile: file})
19 } catch(error) {
20     //监听错误
21     onError({ error, errorFile: file})
22 }
23 }
24 }
25
26 http.open("PUT", filePutUrl, true);
27 //加入头信息
28 Object.keys(customHeader).forEach((key, index) =>{
29     http.setRequestHeader(key, customHeader[key])
30 })
31 http.send(file);
32 return http //返回该http实例
33 }
34

```



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## 4.Start uploading

[js](#) [Copy code](#)

```

1 //上传文件到存储桶
2 async handleUpload(){
3     let _this = this
4     if(this fileInfoList.length < 1) {
5         this.$message({

```



```

9      return
10     }
11     //先上传文件的基本表单信息，获取表单信息的id
12     try{
13       const {remark, alias} = _this.uploadFormData
14       let res = await uploadModelSourceInfo({remark, serviceName: alias})
15       _this.modelSourceInfoId = res.message
16     }catch(error){
17       if(error) {
18         _this.$message({
19           message: `上传失败，请检查服务`,
20           type: 'error'
21         })
22       return
23     }
24   }
25
26   //开始将模型资源上传到远程的存储桶
27   this fileList.forEach((item, index) => {
28     const {file, filePutUrl} = item
29     let config = {
30       file,
31       filePutUrl,
32       customHeader:{
33         "X-Filename": encodeURIComponent(file.name),
34         "X-Access-Token": getToken()
35       },
36       onUploadProgress: ({progressEvent, uploadingFile}) => {
37         let progress = (progressEvent.loaded / progressEvent.total).toFixed(2)
38         this.updateFileUploadProgress(uploadingFile, progress)
39       },

```



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```
43     onError: ({error, errorFile}) => {
44
45     }
46
47
48     let httpInstance = this.createUploadHttp(config) //创建http请求实例
49     this.httpQueue.push(httpInstance) //将http请求保存到队列中
50   })
51 },
52
53
54 //更新对应文件的上传进度
55 updateFileUploadProgress(uploadingFile, progress) {
56 this fileInfoList.forEach((item, index) => {
57   if(item.file.name === uploadingFile.name){
58     item.fileUploadProgress = (Number(progress)*100).toFixed(2) + '%'
59   }
60 })
61 },
62
63 //更新上传完成文件的下载地址
64 updateFileDownloadUrl(uploadedFile){
65 const userBucket = this.userBucket
66 this fileInfoList.forEach((item, index) => {
67   if(item.file.name === uploadedFile.name){
68     this.minioClient.presignedGetObject(userBucket, uploadedFile.name, 24*60*60, (err, presignedUrl) => {
69       if (err) return console.log(err)
70       item.fileGetUrl = presignedUrl
71     })
72   }
73 })
```



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## 5 After uploading, the synchronized file address is given to the back end

Monitor the list of documents in the watch. When all the document progress is 100%, the file information can be synchronized



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js Copy code

```
1
2 watch:{
3   fileInfoList: {
4     handler(val){
5       //1.3所有文件都上传到存储桶后，将上传完成后的文件地址、文件名字同步后端
6       if(val.length < 1) return
7       let allFileHasUpload = val.every((item, index) => {
8         return item.fileGetUrl.length > 1
9       })
10      if(allFileHasUpload) {
11        this.allFileHasUpload = allFileHasUpload
12        const {modelSourceInfoId} = this
13        if(modelSourceInfoId.length < 1) {
14          return
15        }
16        const url = process.env.VUE_APP_BASE_API + "/vector-map/threeDimensionalModelService/invokeMapService"
17        const files = val.map((ite, idx) => {
18          return {
19            fileName: ite.file.name,
```



```
23     this.syncAllUploadedFile(url, files, modelSourceInfoId)
24 }
25
26 },
27 deep: true
28 }
29 },
30
31
32
33 //同步已上传的文件到后端
34 syncAllUploadedFile(url, files, modelSourceInfoId){
35     let xhr = new XMLHttpRequest()
36     xhr.onload = () => {
37         if (xhr.status === 200 && xhr.status < 300 || xhr.status === 304) {
38             try {
39                 const res = JSON.parse(xhr.responseText)
40                 if(res && res.code === 200){
41                     this.$message({
42                         message: '上传完成',
43                         type: 'success'
44                     })
45                     this.$emit('close')
46                     this fileInfoList = []
47                     this fileList = []
48                     this.httpQueue = []
49                 }
50             } catch(error) {
51                 this.$message({
52                     message: '上传失败, 请检查服务',
53                     type: 'error'
```



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```

57     }
58     xhr.open("post", url, true)
59     xhr.setRequestHeader('Content-Type', 'application/json')
60     xhr.setRequestHeader('X-Access-Token', getToken())
61     //将前面1.1获取文件信息的id作为头信息传递到后端
62     xhr.setRequestHeader('ThreeDimensionalModel-ServiceID', modelSourceInfoId)
63     xhr.send(JSON.stringify(files))
64 },
65

```



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## 6.Delete file

Pay attention to when deleting files

- Delete local file cache
- Delete the files in the storage barrel
- Stop http requests corresponding to current documents


[js](#) [Copy code](#)

```

1 //删除文件，并取消正在文件的上传
2 deleteFile(fileInfo, index){
3   this.httpQueue[index] && this.httpQueue[index].abort()
4   this.httpQueue[index] && this.httpQueue.splice(index, 1)
5   this.fileInfoList.splice(index, 1)
6   this fileList.splice(index, 1)
7   this.removeRemoteFile(fileInfo)

```

```
11  clearFile() {
12      this.userInfoList.forEach((item, index) => {
13          this.httpQueue[index] && this.httpQueue[index].abort()
14          this.httpQueue[index] && this.httpQueue.splice(index, 1)
15          this.removeRemoteFile(item)
16      })
17      this.userInfoList = []
18      this.httpQueue = []
19      this fileList = []
20  },
21  //删除远程文件
22 removeRemoteFile(userInfo){
23     const userBucket = this.userBucket
24     const { fileUploadProgress, file} = userInfo
25     const fileName = file.name
26     const complete = fileUploadProgress === '100.00%' ? true : false
27     if(complete){
28         this.minioClient.removeObject(userBucket, fileName, function(err) {
29             if (err) {
30                 return console.log('Unable to remove object', err)
31             }
32             console.log('Removed the object')
33         })
34     }else{
35         this.minioClient.removeIncompleteUpload(userBucket, fileName, function(err) {
36             if (err) {
37                 return console.log('Unable to remove incomplete object', err)
38             }
39             console.log('Incomplete object removed successfully.')
40         })
41     }
42 }
```

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## Complete code

The complete code here is copied directly from the project, which uses some self-defined functions.  
Backend interface, AES decryption, access to Token, form verification, etc.



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[js](#) [Copy code](#)

```

1 import{uploadModelSourceInfo, uploadModelSource, getMinioConfig} from '@/api/map'
2 import AES from '@/utils/AES.js'
3 import { getToken } from '@/utils/auth'
4 import * as myValiDate from "@/utils/formValidate";

```



[js](#) [Copy code](#)

```

1 /**
2  * 文件说明
3  * @Author: zhuds
4  * @Description: 模型资源上传弹窗
5  * 分为3个步骤
6  * 1.先将文件的基本表单信息上传给后端, 获取文件信息的ID
7  * 2.然后将文件上传至存储桶
8  * 3.等所有文件都上传完成后, 再将上传完成后的文件信息传递给后端, 注意, 此时的请求头要戴上第1步获取的文件信息id
9  * @Date: 2/28/2022, 1:13:20 PM
10 * @LastEditDate: 2/28/2022, 1:13:20 PM
11 * @LastEditor:

```

```

15   <el-dialog
16       :visible.sync="isVisible"
17       @close="close()"
18       :show-close = "false"
19       :close-on-click-modal="false"
20       top="10vh"
21       v-if="isVisible"
22       :destroy-on-close="true"
23   >
24       <div slot="title" class="header-title">
25           <div class="icon"></div>
26           <span>上传模型资源</span>
27           <i class="el-icon-close" @click="close()"></i>
28       </div>
29
30   <el-form
31       :label-position="labelPosition"
32       label-width="80px"
33       :model="uploadFormData"
34       ref="form"
35       :rules="rules"
36   >
37       <el-form-item label="别名">
38           <el-input size="small" v-model="uploadFormData.alias"></el-input>
39       </el-form-item>
40
41       <el-form-item label="备注">
42           <el-input type="textarea" v-model="uploadFormData.remark" size="small"></el-input>
43       </el-form-item>
44
45       <el-form-item label="资源文件">

```

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```
49      size="mini"
50    >选择文件</el-button>
51    <input
52      :accept="acceptFileType"
53      multiple="multiple"
54      type="file"
55      id="uploadInput"
56      ref="uploadInput"
57      v-show="false"
58      @change="getAndFormatFile()"
59    >
60    <i class="tip">仅支持.gbl、.gltf、.fbx、.obj、.mtl、.hdr、.png、.jpg格式的文件</i>
61    <i class="tip">单个文件的大小限制为128MB</i>
62  </el-form-item>
63
64 </el-form>
65
66 <div class="file-list" v-show="fileInfoList.length > 0">
67   <div class="file-item" v-for="(item, index) in fileInfoList" :key="index">
68     <div class="icon"></div>
69     <div class="name">{{item.file.name}}</div>
70     <div class="size">{{(item.file.size/1024/1024).toFixed(2)}}MB </div>
71     <div class="progress">
72       <div class="bar" :style="{width: item.fileUploadProgress}"></div>
73     </div>
74     <div class="rate">{{item.fileUploadProgress}}</div>
75
76
77     <div class="delete-btn" @click="deleteFile(item, index)">x</div>
78   </div>
79 </div>
```



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```
83      </div>
84
85      </el-dialog>
86  </div>
87 </template>
88
89 <script>
90
91 import{uploadModelSourceInfo, uploadModelSource, getMinioConfig} from '@/api/map'
92 import AES from '@/utils/AES.js'
93 import { getToken } from '@/utils/auth'
94 import * as myValiDate from "@/utils/formValidate";
95 let Minio = require('minio')
96
97 export default {
98   name: 'UploadModelDialog',
99   props: {
100     isVisible: {
101       type: Boolean,
102       default: false
103     },
104   },
105   data(){
106     return {
107       labelPosition: 'right',
108       uploadFormData: {
109         alias: '', //服务名称
110         remark: '', //备注
111       },
112       rules: {
113         serviceName: [{
```



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```

117      }],
118    },
119    acceptFileType:".glb,.gltf,.fbx,.obj,.mtl,.hdr,.png,.jpg,.mp4",
120    fileList:[], //待上传的文件列表
121    fileInfoList: [], //格式化后的文件信息列表
122    userBucket: null,
123    httpQueue: [], //上传文件的http队列
124    allFileHasUpload: false, //是否完成上传
125    modelSourceInfoId: '', //模型资源基本信息的id
126  }
127 },
128
129 watch:{
130   fileInfoList: {
131     handler(val){
132       //1.3所有文件都上传到存储桶后，将上传完成后的文件地址、文件名字同步后端
133       if(val.length < 1) return
134       let allFileHasUpload = val.every((item, index) => {
135         return item.fileGetUrl.length > 1
136       })
137       if(allFileHasUpload) {
138         this.allFileHasUpload = allFileHasUpload
139         const {modelSourceInfoId} = this
140         if(modelSourceInfoId.length < 1) {
141           return
142         }
143         const url = process.env.VUE_APP_BASE_API + "/vector-map/threeDimensionalModelService/invokeMapService"
144         const files = val.map((ite, idx) => {
145           return {
146             fileName: ite.file.name,
147             fileUrl: ite.fileGetUrl

```



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```
151      }
152
153      },
154      deep: true
155    },
156  },
157
158  created() {
159    this.initMinioClient()
160  },
161
162  beforeDestroy() {
163    if(!this.allFileHasUpload) {
164      this.clearFile()
165    }
166  },
167
168  methods:{
169    //创建存储桶
170    async initMinioClient(){
171      const { code, result, message } = AES.decryptToJSON(await getMinioConfig({}))
172      if(!result || code !== 200) {
173        this.$customMessage.error({message: '获取存储桶配置信息出错'})
174        return false
175      }
176      let {accessKey, bucketName, endPoint, secretKey} = result
177      //console.log({accessKey, bucketName, endPoint, secretKey})
178
179      let endPointStr = endPoint.split(":")[1]
180      let formatPort = Number(endPoint.split(":")[2])
181      let formatEndPoint = endPointStr.split('//')[1]
```



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```

185     partSize: '20M',
186     port: formatPort,
187     endPoint: formatEndPoint,
188     accessKey,
189     secretKey
190   );
191   let userBucket = this.userBucket
192   //userBucket只能作为字符串变量传入，不能作为其他变量的属性或者函数返回值，属于Minio
193   this.minioClient.bucketExists(userBucket, (err)=> {
194     if (err && err.code == 'NoSuchBucket') {
195       this.minioClient.makeBucket(userBucket, 'us-east-1', (err)=> {
196         if (err) {
197           return console.log('创建存储桶失败', err)
198         }
199         // console.log('Bucket created successfully in "us-east-1".')
200       })
201     }else{
202       //console.log('存储桶存在')
203     }
204   })
205 },
206
207   close(flag = false) {
208     this.$emit('close', flag)
209     //关闭弹窗时，如果文件没有上传完成，则清空文件
210     if(!this.allFileHasUpload) {
211       this.clearFile()
212     }
213   },
214   selectFile() {
215     let inputDOM = this.$refs.uploadInput

```



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```

219     getFileSize(file){
220         let fileSize = ''
221         if(file.size / 1024 < 1){
222             fileSize = file.size + 'B'
223         }else if(file.size / 1024 /1024 < 1){
224             fileSize = file.size + 'KB'
225         }else if(file.size / 1024 /1024 >=1){
226             fileSize = file.size + 'MB'
227         }else{
228         }
229
230         return fileSize
231
232     },
233
234     //删除文件，并取消正在文件的上传
235     deleteFile(fileInfo, index){
236         this.httpQueue[index] && this.httpQueue[index].abort()
237         this.httpQueue[index] && this.httpQueue.splice(index, 1)
238         this fileInfoList.splice(index, 1)
239         this fileList.splice(index, 1)
240         this.removeRemoteFile(fileInfo)
241     },
242
243     //清空文件并取消上传队列
244     clearFile() {
245         this fileInfoList.forEach((item, index) => {
246             this.httpQueue[index] && this.httpQueue[index].abort()
247             this.httpQueue[index] && this.httpQueue.splice(index, 1)
248             this.removeRemoteFile(item)
249         })
250     }

```



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```

253 },
254 //删除远程文件
255 removeRemoteFile(fileInfo){
256   const userBucket = this.userBucket
257   const { fileUploadProgress, file} = fileInfo
258   const fileName = file.name
259   const complete = fileUploadProgress === '100.00%' ? true : false
260   if(complete){
261     this.minioClient.removeObject(userBucket, fileName, function(err) {
262       if (err) {
263         return console.log('Unable to remove object', err)
264       }
265       console.log('Removed the object')
266     })
267   }else{
268     this.minioClient.removeIncompleteUpload(userBucket, fileName, function(err) {
269       if (err) {
270         return console.log('Unable to remove incomplete object', err)
271       }
272       console.log('Incomplete object removed successfully.')
273     })
274   }
275 },
276 //格式化文件并创建上传队列
277 getAndFormatFile(){
278   let files = this.$refs.uploadInput.files
279   const userBucket = this.userBucket
280   if(files.length > 6) {
281     this.$message({
282       message: `最大只能上传6个文件`,
283       type: 'warning'

```



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```

287     files.forEach((file, index) => {
288         if ((file.size / 1024 / 1024).toFixed(2) > 128) { //单个文件限制大小为128MB
289             this.$message({
290                 message: `文件大小不能超过128MB`,
291                 type: 'warning'
292             })
293             return
294         }
295         //创建文件上传的url并格式化文件信息
296         this.minioClient.presignedPutObject(userBucket, file.name, 24 * 60 * 60, (err, presignedUrl) => {
297             if (err) {
298                 this.$message({
299                     message: `服务器连接超时`,
300                     type: 'error'
301                 })
302                 return err
303             }
304             let fileIcon = this.getFileIcon(file)
305             let fileUploadProgress = '0%'
306             this fileInfoList.push({
307                 file, //文件
308                 fileIcon, //文件对应的图标 className
309                 fileUploadProgress, //文件上传进度
310                 filePutUrl: presignedUrl, //文件上传put方法的url
311                 fileGetUrl: '', //文件下载的url
312             })
313         })
314     })
315     this fileList = [...this fileInfoList]
316 },
317

```



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```

321      if(this fileInfoList.length < 1) {
322          this.$message({
323              message: `请先选择文件`,
324              type: 'warning'
325          })
326          return
327      }
328      //1.1先上传文件的基本表单信息，获取文件信息的id
329      try{
330          const {remark, alias} = _this.uploadFormData
331          let res = await uploadModelSourceInfo({remark, serviceName: alias})
332          _this.modelSourceInfoId = res.message
333      }catch(error){
334          if(error) {
335              _this.$message({
336                  message: `上传失败，请检查服务`,
337                  type: 'error'
338              })
339              return
340          }
341      }
342
343      //1.2开始将模型资源上传到远程的存储桶
344      this fileList.forEach((item, index) => {
345          const {file, filePutUrl} = item
346          let config = {
347              file,
348              filePutUrl,
349              customHeader:{
350                  "X-Filename": encodeURIComponent(file.name),
351                  "X-Access-Token": getToken()

```



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```

355         this.updateFileUploadProgress(uploadingFile, progress)
356     },
357     onUploaded: ({result, uploadedFile}) => {
358         this.updateFileDownloadUrl(uploadedFile)
359     },
360     onError: ({error, errorFile}) => {
361     }
362     }
363   }

364
365     let httpInstance = this.createUploadHttp(config)
366     this.httpQueue.push(httpInstance)
367   })
368   },
369
370 //1更新对应文件的上传进度
371 updateFileUploadProgress(uploadingFile, progress) {
372   //console.log({uploadingFile, progress})
373   this fileInfoList.forEach((item, index) => {
374     if(item.file.name === uploadingFile.name){
375       item.fileUploadProgress = (Number(progress)*100).toFixed(2) + '%'
376     }
377   })
378   },
379
380 //更新上传完成文件的下载地址
381 updateFileDownloadUrl(uploadedFile){
382   const userBucket = this.userBucket
383   this fileInfoList.forEach((item, index) => {
384     if(item.file.name === uploadedFile.name){
385       this.minioClient.presignedGetObject(userBucket, uploadedFile.name, 24*60*60, (err, presignedUrl) => {

```



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```
389         })
390     }
391   })
392 },
393 //同步已上传的文件到后端
394 syncAllUploadedFile(url, files, modelSourceInfoId){
395   let xhr = new XMLHttpRequest()
396   xhr.onload = () => {
397     if (xhr.status === 200 && xhr.status < 300 || xhr.status === 304) {
398       try {
399         const res = JSON.parse(xhr.responseText)
400         if(res && res.code === 200){
401           this.$message({
402             message: '上传完成',
403             type: 'success'
404           })
405           // setTimeout(() => {
406             this.$emit('close')
407             this fileInfoList = []
408             this fileList = []
409             this.httpQueue = []
410           // }, 1000)
411         }
412       }
413     } catch(error) {
414       this.$message({
415         message: '上传失败, 请检查服务',
416         type: 'error'
417       })
418     }
419   }
```



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```

423     xhr.setRequestHeader('X-Access-Token', getToken())
424     //将前面1.1获取文件信息的id作为头信息传递到后端
425     xhr.setRequestHeader('ThreeDimensionalModel-ServiceID', modelSourceInfoId)
426     xhr.send(JSON.stringify(files))
427 },
428
429 //获取文件类型图标class
430 getFileIcon(file) {
431   const { type } = file
432   let icon = ''
433   return icon
434 },
435
436 //创建上传文件的http
437 createUploadHttp(config){
438   const {file, filePutUrl, customHeader, onUploadProgress, onUploaded, onError} = config
439   let fileName = file.name
440   let http = new XMLHttpRequest();
441   http.upload.addEventListener("progress", (e) => {
442     onUploadProgress({
443       progressEvent: e,
444       uploadingFile: file
445     })
446   }, false)
447
448   http.onload = () => {
449     if (http.status === 200 && http.status < 300 || http.status === 304) {
450       try {
451         const result = http.responseURL
452         onUploaded({ result, uploadedFile: file})
453       } catch(error) {

```

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```
457      }
458      http.open("PUT", filePutUrl, true);
459      Object.keys(customHeader).forEach((key, index) =>{
460          http.setRequestHeader(key, customHeader[key])
461      })
462      http.send(file);
463      return http
464  }
465
466  }
467 }
468 </script>
469
470 <style scoped lang="scss">
471 .header-title {
472   // height: 24px;
473   border-bottom: 1px solid #EFEFEF;
474   padding-bottom: 20px;
475   //outline: 1px solid red;
476   .icon {
477     width: 26px;
478     height: 26px;
479     background-image: url(../images/icon_upload.png);
480     float: left;
481     background-size: 100% 100%;
482     margin-right: 18px;
483     margin-left: 10px;
484   }
485 }
486 span {
487   font-size: 23px;
```



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```
491     }
492     i {
493         float: right;
494         font-size: 16px;
495         color: rgba(176, 176, 176, 1);
496         cursor: pointer;
497         &:hover {
498             color: #0069D5 ;
499         }
500     }
501 }
502 .tip {
503     font-size: 12px;
504     display: block;
505 }
506 .file-list {
507     box-sizing: border-box;
508     padding: 5px;
509     // border: 1px solid red;
510     // width: 840px;
511     margin: 5px auto;
512     margin-left: 80px;
513     .file-item {
514         min-height: 32px;
515         display: flex;
516         justify-content: flex-start;
517         align-items: center;
518         font-size: 12px;
519         div {
520             margin-right: 15px;
521             text-align: left;
```



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```
525      }
526      .size {
527        width: 60px;
528      }
529      .progress {
530        width: 180px;
531        height: 8px;
532        border-radius: 4px;
533        background-color: #E2E2E2;
534      .bar {
535        width: 50%;
536        height: 8px;
537        border-radius: 4px;
538        background-color: #13A763;
539      }
540    }
541    .rate {
542      width: 60px;
543      // border: 1px solid red;
544
545    }
546    .delete-btn {
547      cursor: pointer;
548      font-size: 16px;
549    }
550  }
551 }
552
553 .custom-footer {
554 // border: 1px solid red;
555 display: flex;
```



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```
559 height: 80px;  
560 background-color: #fff;  
561 //box-shadow: 0px 1px 0px 0px red;  
562 border-top: 1px solid #eefefef;  
563 z-index: 10;  
564 button {  
565 width: 90px;  
566 height: 40px;  
567 border-radius: 4px;  
568 border: 0;  
569 font-size: 16px;  
570 font-family: Source Han Sans CN;  
571 &:focus {  
572 border: 0;  
573 outline: 0;  
574 }  
575  
576 &.info {  
577 color: #8f8f8f;  
578 background: #e2e2e2;  
579 &:hover{  
580 background-color: #A6A9AD;  
581 cursor: pointer;  
582 color: #fff;  
583 }  
584 }  
585 &.success {  
586 background: #12a763;  
587 color: #fff;  
588 &:hover{  
589 cursor: pointer;
```



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```
593      }
594      }
595 </style>
596
597
```



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## Source code sharing

In fact, at the beginning, I wanted to provide a demo. I found that this thing is strongly tied to the product function. Without the tested service address and storage bucket, I cannot make an open case.

So the above code is just to provide you with a way and idea of realization. The specific details in it deal with what I do is more complicated

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**Breeze midnight** JY. (Author)

December ago

Use the same, basically all js codes

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Reply **Breeze midnight**

Before November

The use of minio in vite will make various mistakes...

"Use the same, basically all js codes"

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**zyh619** JY.1 Developer @ Wuhan

1 year ago

Brother, have you tried vite to use minio ? The reliance on various reports in minio 😱

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Brother, is it solved?

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Xi Gujin

Did you solve it, brother, I also met

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LetMeTouchTou...

1 year ago

accessKey,  
secretKey is directly exposed to the client, is it appropriate ? ....

Like    1



Breeze midnight (Author)

1 year ago

In order to explain what I wrote in the article, the project was obtained through encryption service

Like    Reply



Zhbei Front Engineer

1 year ago

If you can control the number of uploads and hairs, you can choose more file uploads.

Like    1

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It must be controlled, otherwise the request will be made in parallel, and it will collapse directly.

Like Reply



Ignorant boy 😊😊😊 @ 🚀🚀🚀⚡...

Looks pretty complicated

Like 2



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Breeze midnight (Author)

1 year ago

Where the code inside needs to be encapsulated, it can be further optimized

Like Reply



Mouse will fly

1 year ago

The fragment is uploaded, the front end workload is heavy, there is no pressure on the back end

Like Reply



User 64688778...

1 year ago

Several JS files can provide reference learning, thanks.

Like Reply



Best silent frontend @ yellow lem...

1 year ago

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Breeze midnight (Author)

Yes, the storage service is built at the back end and deployed in the cloud

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1 year ago



Mouse will fly

Front end does not do integrity verification

Like Reply



Wind and waves Java Development @...

1 year ago

You have a big problem, you don't support the upload of the segment, there is a problem with the big file

1 2



Breeze midnight (Author)

1 year ago

Business requirements do not require large document slices, the maximum document specified later is 64MB

2 Reply



Wind and waves Breeze midnight

1 year ago

64m is really unnecessary

"Business requirements do not require large document slices, the maximum document specified later is 64MB"



god830 Front Stone Meiyi Firs...

1 year ago

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