阿里OCR购买地址

通常来说前500次免费试用

 https://ai.aliyun.com/ocr?utm_content=se_1006839938

官方文档

 https://help.aliyun.com/document_detail/157953.html?spm=5176.730006-56956004-57124001-cmapi010401.content.6.44dc289db92sm5

```javascript
//行驶证的链接
http.open('POST', "https://dm-53.data.aliyun.com/rest/160601/ocr/ocr_vehicle.json", true)
//身份证请求链接
https://dm-51.data.aliyun.com/rest/160601/ocr/ocr_idcard.json
//营业执照请求链接
https://dm-58.data.aliyun.com/rest/160601/ocr/ocr_business_license.json

http.setRequestHeader("Content-Type", "application/octet-stream; charset=utf-8");
http.setRequestHeader("Authorization", 'APPCODE '+appCode);
//appCode= "8a94d668b5554c62b066c8ddffb6c71d"
//完全体
//http.setRequestHeader("Authorization", 'APPCODE 8a94d668b5554c62b066c8ddffb6c71d');
http.send(JSON.stringify(input))
//input内容如下   其中configure选项是不必须的  例子：营业执照就不需要   值有：face/back 两种
var input = {
  image:data.base64,
  configure: JSON.stringify({side:"face"})
};
```

原生使用方式

例子：路通云停车主H5(车辆行驶证)

1、图片上传至本地

```html
<div class="tips" onclick="$event.upLoadImg()">
    <h1 id="title">行驶证主页图片</h1>
    <span id="icon" class="add">+</span>
    <img src="" alt="" id="showImg" />
    <input accept="image/*" type="file" id="uploadIMG"

 onchange="$event.btnUploadFile(event)" style="display: none"/>
</div>
```

```javascript
//未上传图片时展示合适的样式
upLoadImg:function(){
```

```
        $("#uploadIMG")[0].click();
    },

    //上传图片　并将图片转化为base64格式
    btnUploadFile:function(e){
        //获取图片文件
        var imgFile = e.target.files[0];

        //后缀选取
        if (!/\/(?:jpeg|jpg|png)/i.test(imgFile.type)){
            methods.showMsg({msg: '图片格式不支持', uri: ''})
            return;
        }

        //异步读取文件
        var reader = new FileReader();

        reader.onload = function(evt) {
            //替换url
            if(evt.target.result.split(',')[1].length>1024*1024*4){
                methods.showMsg({msg: '图片大小不能超过4M', uri: ''})
                return
            }
            $("#title").addClass('hide')
            $("#icon").addClass('hide')
            data.base64 = evt.target.result.split(',')[1]
            $("#showImg").addClass('img')
            $("#showImg")[0].src = evt.target.result
        }

        reader.readAsDataURL(imgFile);
    },
```

2、调用OCR接口

```
<p class="btnBox">
    <button type="primary" size="middle" onclick="$event.toAli()">上传行驶证
</button>
</p>
```

```
toAli:function(){
    $('body').addClass('loading')
    methods.toAli(function(){
        methods.invoiceCar(result)
    })
}

var methods = {

  toAli:function(cb){
    var json = {
      image:data.base64,
      configure: JSON.stringify({side:"face"})
    };
```

```javascript
    var http = new XMLHttpRequest()
    http.onreadystatechange = function () {
      if (http.readyState === 4) {
        if (http.status === 200) {
          var result = JSON.parse(http.responseText)
          cb && cb(result)
        } else {
          methods.showMsg({msg: '认证失败，请重新上传图片', uri: ''})
          $('body').removeClass('loading')
        }
      }
    }
    http.open('POST', "https://dm-53.data.aliyun.com/rest/160601/ocr/ocr_vehicle.json", true)
    http.setRequestHeader("Content-Type", "application/octet-stream; charset=utf-8");
    http.setRequestHeader("Authorization", data.aliAppCode);
    // "APPCODE 8a94d668b5554c62b066c8ddffb6c71d"
    http.send(JSON.stringify(json))
  },

  //发阿里识别回来的数据  给我们的服务器
  invoiceCar:function(result){
    var base = new Base64();
    var data = base.encode(JSON.stringify(result));
    http('POST /carInvoice/invoiceCar',
{data:data,oldPlateNumber:uriParam.plateNumber}, function (res, uri) {
      if (res.code === 200 && res.data.authed && res.data.check) {
        console.log(res)
        window.location.href=  window.location.origin + '/chooseInvoiceCar.html'
      }else if(res.code === 200 && !res.data.check){
        methods.showMsg({msg: '识别不成功或者识别出来的车牌和绑定的车牌不一致,请重新上传图片', uri: ''})
      }else if(res.code === 200 && !res.data.authed){
        methods.showMsg({msg: '该车辆已被认证，请联系管理员', uri: ''})
      }else{
        methods.showMsg({msg: res.msg + ' code:' + res.code, uri: uri})
      }
      $('body').removeClass('loading')
    })
  }
}
```

Vue中使用

路通云停PC---微信支付进件（身份证、营业执照）

```javascript
//OCR请求  拦截器中单独写个处理方式
Vue.prototype.OCRhttp = async function ({host, type, input, success, error,
complete, ...arg}) {
  let self = this

  addLoading()
  let http = await ajax()
  let result = responseHandler(http)
  reduceLoading()
```

```
      return result
    async function ajax () {
      let _http
      await new Promise(resolve => {
        const http = new XMLHttpRequest()
        http.onreadystatechange = function () {
          if (http.readyState === 4) {
            _http = http
            resolve()
          }
        }
        let url = host
        if (!input) {
          input = {}
        }
        let appCode = input.code
        delete input.code

        http.open(type, url, true)
        http.setRequestHeader("Content-Type", "application/octet-stream;
charset=utf-8");
        http.setRequestHeader("Authorization", 'APPCODE '+appCode);
        http.send(JSON.stringify(input))
      })
      return _http
    }
    function responseHandler (http) {
      if (!http.responseText) {
        return {code: 'failed', msg: '请求无响应'}
      }
      let res

      if(http.responseText&&(typeof
http.responseText)==='string'&&!http.responseText.match('{')){
        res = http.responseText
        Vue.prototype.$message.error('图片上传有误，无法识别')
      }else{
        res = JSON.parse(http.responseText)
      }
      if (http.status === 200) {
        /////////////////////////// 打印请求信息 end ///////////////////////////
        success && success.call(self, res)
      } else {
        error && error.call(self, res)
      }
      complete && complete.call(self, res)
      return res
    }
  }
```

以身份证照片举例 index.vue

```
<el-form-item  prop="idCardCopy"  label-width="0px" style="margin-left:0">
  <p class="pic-alt"><span class="red">* </span>身份证人像面照片:<span>（法人身份彩色
照片，法人/经办人身份证"正面"和"反面"彩色清晰照片（必须为彩色图片且小于2M，文件格式为bmp、
png、jpeg、jpg和gif）。）</span></p>
```

```html
    <el-upload
        class="avatar-uploader"
        :action="uploadImgURL"
        :headers="{sessionId:window.localStorage.sessionId}"
        :show-file-list="false"
        :on-success="handleIdCardCopy"
        :before-upload="beforeAvatarUpload">
      <img v-if="idCardCopy" :src="idCardCopy" class="avatar">
      <div v-else-if="!idCardCopy &&
!POSTPaymentChannelsWxSubmit.input.value.subjectInfo.identityInfo.idCardInfo.idC
ardCopy"  class="upload-container">
          <i class="el-icon-plus avatar-uploader-icon"></i>
          <p>支持jpeg、jpg、bmp、png格式</p>
          <p class="second-line">图片大小不超过2M</p>
      </div>
      <div v-else-if="!idCardCopy &&
POSTPaymentChannelsWxSubmit.input.value.subjectInfo.identityInfo.idCardInfo.idCa
rdCopy" class="upload-container">
          <i class="avatar-uploader-icon el-icon-circle-check"></i>
          <p>已就绪</p>
      </div>
    </el-upload>
</el-form-item>
```

event.js

```js
//限制文件大小  限制图片格式
beforeAvatarUpload(File){
    const isJPG = File.type === 'image/jpeg'||File.type ===
'image/jpg'||File.type === 'image/bmp'||File.type === 'image/png';
    const isLt2M = (File.size / 1024 / 1024 ) < 2;
    if (!isJPG) {
      this.$message.error('上传图片 仅支持 jpeg、jpg、bmp、png 格式!');
    }
    if (!isLt2M) {
      this.$message.error('上传图片大小不能超过 2MB!');
    }
    return isJPG && isLt2M;
},

//身份证人像照片
handleIdCardCopy(res, file) {
    this.methods('setImage',file,'idCardCopy')
     //设置微信后台返回的东西    和OCR没啥关联
    this.methods('setMediaId',res,'idCardCopy')
    setTimeout(async()=>{
      let res = this.methods('setOCRCardInput','face')
      let data = await this.methods('OCRhttpRequest',res)
      if(data){
        this.methods('setPaymentChannelsWxSubmitCardFace',data)
      }
    },300)
},
```

```javascript
methods.js

//图片base64化
setImage (file,url){
    this[url] = URL.createObjectURL(file.raw)

    //异步读取文件
    var that = this
    var reader = new FileReader();
    reader.onload = function(evt) {
      that.base64 = evt.target.result.split(',')[1]
    }
    reader.readAsDataURL(file.raw);
  }

//设置OCR请求入参
setOCRCardInput(side){
    return {
      host:'https://dm-51.data.aliyun.com/rest/160601/ocr/ocr_idcard.json',
      input:{
        code:'fe0a3dd65d2d4fe6bbc71eec991b47aa',
        image:this.base64,
        configure: JSON.stringify({side})
      }
    }
  }

//OCR请求
async OCRhttpRequest({host,input}){
    let data = null
    await this.OCRhttp({
      host,
      input,
      type:'POST',
      success (res) {
        data = res
      }
    })
    return data
  }
```