**篇章-混合接口文档**

**接口说明**

可以将整篇手写识别成电子版文字

|  |  |
| --- | --- |
| 内容 | 说明 |
| HTTP方法 | POST |
| 请求地址 | http(s)://api.hanvon.com/hc/v2/hand/chapter\_accurate |
| Header | Content-Type：application/json |

**签名**

**前置条件**

   appid: 应用详情页中的应用ID

   nonce: 随机字符串，1至64个字符均可

   timestamp: 当前时间戳，13位

   url: 域名后的请求路径，例如 /hc/v2/hand/chapter\_accurate

   appsecret : 应用详情页中的应用密钥

**生成签名串**

   按key=value形式并以&拼接成字符串，得到字符串signstr，其中value需替换为前置条件中各字段的值，例如

   signstr: appid=appid&nonce=nonce&timestamp=timestamp&url=url&appsecret=appsecret

**生成签名**

   sign: 将signstr进行md5编码

**请求说明**

**请求参数**

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必传 | 描述 |
| appid | String | 是 | 应用详情页中的应用ID |
| nonce | String | 是 | 随机字符串，1至64个字符均可 |
| timestamp | String | 是 | 当前时间戳，13位 |
| sign | String | 是 | 签名 |
| data | String | 是 | 手写轨迹串. 格式是: x1,y1,x2,y2, -1,0, x3,y3,x4,y4,-1,0,-1,-1每一笔写完以: -1,0结尾。全部写完以：-1,-1结尾。 |

**请求示例**

{

 "appid":"e1053e749cc3b34c60bae7e1",

 "nonce":"5fded591-a3cf-46cc-ab69-c86a58aa4282",

 "timestamp":"1719924903243",

 "sign":"933cb6f647d8ef941d8f95b4bc1326b7",

 "data": "190,16,191,16,192,16,193,17,194,18,195,19,196,20,198,22,200,24,202,25,-1,0,180,36,181,36,182,37,186,40,192,45,195,47,196,48,197,49,197,50,-1,0,187,67,189,67,193,66,199,62,208,59,212,56,213,55,214,55,215,55,-1,0,226,27,229,26,233,25,238,25,240,25,242,25,243,25,245,25,246,25,247,26,249,26,249,27,249,28,249,29,249,31,248,36,246,40,242,47,239,51,235,56,232,60,229,63,228,67,226,69,225,70,223,70,222,70,222,69,-1,0,228,41,229,41,230,42,232,43,235,45,241,51,244,55,248,59,250,62,253,64,256,66,257,67,258,68,259,67,-1,0,320,22,322,22,327,21,332,21,339,21,343,21,344,21,-1,0,319,42,322,42,326,41,334,40,339,40,343,40,344,40,346,40,347,40,348,40,-1,0,340,29,340,30,340,31,340,34,340,39,340,45,340,50,339,55,338,59,337,60,336,61,-1,0,309,65,310,65,316,65,325,66,331,66,337,66,339,66,340,66,341,66,344,65,349,65,351,65,352,65,353,65,358,65,360,65,361,65,-1,0,191,96,192,96,194,96,197,96,203,97,205,97,207,98,209,98,210,98,211,98,212,99,-1,0,180,117,184,117,190,117,198,117,206,116,213,116,217,116,219,116,220,116,-1,0,197,106,198,108,199,112,200,117,201,121,201,127,200,135,200,141,199,146,199,150,199,153,199,157,197,162,197,165,195,168,195,172,195,173,194,173,193,172,192,169,-1,0,191,119,192,119,192,121,191,125,189,129,187,133,186,134,185,135,185,136,-1,0,205,123,206,123,207,123,208,123,209,124,210,125,212,126,216,129,219,132,220,134,221,135,222,136,-1,0,233,97,233,98,233,99,233,101,234,102,235,104,236,104,238,106,239,107,239,108,241,109,242,110,-1,0,233,116,233,117,234,120,235,122,237,124,238,125,240,126,240,127,-1,0,226,136,229,136,235,136,244,136,256,138,259,138,261,138,262,138,268,138,271,138,-1,0,253,99,254,101,256,108,256,114,256,121,256,129,256,135,254,141,253,148,252,154,251,160,251,164,250,168,250,169,249,170,-1,0,308,111,310,111,312,111,319,111,325,111,330,111,332,111,332,110,-1,0,326,95,326,97,325,105,324,111,323,117,322,123,322,128,322,134,321,139,321,147,321,151,320,156,320,159,318,162,318,164,317,165,317,166,316,167,314,167,313,166,310,164,309,162,308,160,307,158,306,157,305,156,305,155,-1,0,304,134,306,134,310,132,316,132,324,132,330,131,332,131,-1,0,340,119,341,119,343,118,346,117,350,116,354,114,359,113,361,113,362,112,-1,0,356,97,356,99,356,103,356,109,356,113,355,120,355,122,354,129,354,132,354,133,353,133,-1,0,343,140,344,140,348,139,355,138,359,138,361,137,362,137,363,138,363,139,363,140,363,141,362,143,359,147,356,149,352,152,348,154,344,156,341,157,336,159,335,159,335,160,-1,0,338,144,339,145,341,146,342,147,344,149,347,151,350,153,353,154,356,156,359,158,363,160,365,161,367,162,371,164,375,165,380,167,388,167,389,168,-1,0,-1,-1"

}

**返回说明**

**返回参数**

|  |  |  |
| --- | --- | --- |
| 参数名 | 类型 | 描述 |
| code | string | 返回码 0 : 正常 |
| msg | string | 返回信息描述 |
| data | array | 识别的⽂本⾏，最多支持35行，每行最多25个字符 |
| score | int | 识别得分 |
| coord | array | ⽂本⾏的坐标（左上x, 左上y, 右上x, 右上y, 右下x, 右下y, 坐下x, 左下y） |
| text | string | ⽂本⾏的⽂字 |

**返回示例**

{

 "msg":"success",

 "code":"0",

 "data":[

 {

 "score":996,

 "coord":[180,16,361,16,361,70,180,70],

 "text":"汉 王"

 },

 {

 "score":1000,

 "coord":[180,95,389,95,389,173,180,173],

 "text":"科技"

 }

 ]

}