

# Document Upload Parser

Last updated 26 Jan 2021.

Azure Storage Explorer

## Purpose

Image Scraper ID text generator, for AML checks.

Images uploaded to Azure, initially parsed into text-lines

Based on Azure Cognitive Services – Computer Vision API, Optical Character Recognition.

## Blob Storage

Path = 'infinitiavaskdev/Blob Containers/documents/Blob ID/Country Skien/Primary-Type/Secondary-Type/Image'.

## Mediator Split

Primary-Type: e.g. 'aml', 'vat'.

Secondary-Type: Image-Type, e.g. 'passport'.

Tertiary-Type: sub-image type.

## Information Required

Full Name, Date of Birth, Nationality, ID number.

## Questions

What are the required fields to return? Full Name, Language, Date of Birth, ID number

What are the required data to test? Dates of Birth, validity

Where can I find the language convertor? Chinese to English, or do we store Chinese characters?

MS Vision OCR

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/concept-recognizing-text#read-api>

## Image Types

Existing code for 'Passport'.

**Priorities:** 1 Chinese ID Card, 2 USA ID Card, 3 Driving License, 4 Other.

Document Types: 'aml', 'vat-registration'.

AML Document Names: 'passport', 'chineseidcard', 'eurodrivinglicense', 'usaidcard', 'proof-of-address', "".

VAT-Reg Document Names: 'authorisation', '648', "".

## AML: Passport

AKA 'passport'

Existing code-base.

Azure mediator name = 'passport' or in doco 'Passport'.

## AML: Chinese ID Card

Wiki-link '[https://en.wikipedia.org/wiki/Resident\\_Identity\\_Card](https://en.wikipedia.org/wiki/Resident_Identity_Card)'.

AKA 'Resident Identity Card'.

Simplified Chinese language

Azure mediator name = 'chineseidcard', or in doco 'ChinIDC'.

7 ethnic types and languages

Two images, one for each side of card; may be treated as two pages by the OCR.

Texts, simplified Chinese plus ethnic text, including Zhuang western char-set.

API link '<https://westus.dev.cognitive.microsoft.com/docs/services/computer-vision-v3-2-preview-1/operations/5d986960601faab4bf452005>'.

Validity dates: under 16, 5 years; 16 – 25 years, 10 years; 26-45 years, 20 years; over 45 indefinite.

## Responses

*Read 3.1 (test1.png)*

```
{"status":"succeeded","createdDateTime":"2020-11-04T15:12:40Z","lastUpdatedDateTime":"2020-11-04T15:12:41Z","analyzeResult":{"version":"3.0.0","readResults":[{"page":1,"angle":-0.3032,"width":400,"height":508,"unit":"pixel","lines":[{"boundingBox":[104,135,293,132,294,170,104,172],"text":"SAMPLE", "words":[{"boundingBox":[104,138,293,133,294,171,105,172],"text":"SAMPLE","confidence":0.957}],{"boundingBox":[160,206,351,206,351,220,160,220],"text":"20YY.MM.DD - YYYY.MM.DD/<!"}, {"words":[{"boundingBox":[162,207,234,207,234,220,162,220],"text":"20YY.MM.DD","confidence":0.967}, {"boundingBox":[236,207,246,207,245,220,236,220],"text":"-", "confidence":0.98}, {"boundingBox":[248,207,351,207,351,221,248,220],"text":"YYYY.MM.DD/<!"}, {"confidence":0.564}], {"boundingBox":[37,299,120,294,121,309,38,315],"text":"* * * * *", "words":[{"boundingBox":[42,300,55,299,55,314,42,315],"text":"*", "confidence":0.826}, {"boundingBox":[57,298,71,297,72,312,58,313],"text":"*", "confidence":0.767}, {"boundingBox":[83,296,120,294,120,310,83,312],"text":"* * * * *", "confidence":0.982}], {"boundingBox":[38,351,227,350,227,364,38,365],"text":"19/20YY #F MA DD H", "words":[{"boundingBox":[75,351,124,351,123,365,74,365],"text":"19/20YY", "confidence":0.914}, {"boundingBox":[126,351,143,351,142,364,126,365],"text":"#F", "confidence":0.577}, {"boundingBox":[146,351,184,351,184,365,146,364],"text":"MA", "confidence":0.951}, {"boundingBox":[191,351,213,351,213,365,190,365],"text":"DD", "confidence":0.753}, {"boundingBox":[216,351,227,351,226,365,216,365],"text":"H", "confidence":0.638}], {"boundingBox":[136,463,340,463,340,478,136,479],"text":"110102YYYYMMDD 888X", "words":[{"boundingBox":[139,464,292,463,292,479,140,479],"text":"110102YYYYMMDD", "confidence":0.825}, {"boundingBox":[295,463,341,463,340,479,295,479],"text":"888X", "confidence":0.985}]}}]}
```

### Read 3.2 – preview (test1.jpg)

```
{"status":"succeeded","createdDateTime":"2020-11-04T15:22:42Z","lastUpdatedDateTime":"2020-11-04T15:22:44Z",
"analyzeResult":{"version":"3.1.0","readResults":[
{"page":1,"angle":0,"width":400,"height":508,"unit":"pixel","lines":[
{"boundingBox":[143,13,348,13,348,41,143,41],"text":"中华人民共和国","words":[
{"boundingBox":[144,14,162,14,161,41,144,40],"text":"中","confidence":0.967},
{"boundingBox":[173,14,191,14,191,41,172,41],"text":"华","confidence":0.968},
{"boundingBox":[204,14,223,14,222,41,204,41],"text":"人","confidence":0.969},
{"boundingBox":[232,14,250,14,250,41,231,41],"text":"民","confidence":0.968},
{"boundingBox":[263,14,282,14,281,41,263,41],"text":"共","confidence":0.966},
{"boundingBox":[292,14,311,14,311,41,292,41],"text":"和","confidence":0.969},
{"boundingBox":[324,13,342,13,342,41,323,41],"text":"国","confidence":0.966}],
{"boundingBox":[45,44,44,32,58,31,58,43],"text":"★",
"words":[{"boundingBox":[44,44,44,32,52,31,53,43],"text":"★","confidence":0.576}],
{"boundingBox":[126,60,368,59,368,96,126,97],"text":"居民身份证",
"words":[{"boundingBox":[127,61,152,61,151,97,127,97],"text":"居","confidence":0.969},
{"boundingBox":[174,61,199,60,199,98,173,98],"text":"民","confidence":0.968},
{"boundingBox":[228,60,254,60,253,98,228,98],"text":"身","confidence":0.968},
{"boundingBox":[276,60,304,60,303,98,275,98],"text":"份","confidence":0.919},
{"boundingBox":[328,60,354,59,353,97,327,97],"text":"证","confidence":0.969}],
{"boundingBox":[104,135,293,132,294,170,104,172],"text":"SAMPLE","appearance":{"style":"print","styleConfidence":0.974},
"words":[{"boundingBox":[104,138,293,133,294,171,105,172],"text":"SAMPLE","confidence":0.957}],
{"boundingBox":[103,176,149,178,149,191,102,189],"text":"签发机关",
"words":[{"boundingBox":[103,177,111,177,111,190,103,190],"text":"签","confidence":0.919},
{"boundingBox":[114,177,122,178,122,191,113,190],"text":"发","confidence":0.963},
{"boundingBox":[125,178,133,178,133,191,124,191],"text":"机","confidence":0.919},
{"boundingBox":[136,178,145,178,144,191,135,191],"text":"关","confidence":0.966}],
{"boundingBox":[161,177,261,177,261,192,161,191],"text":"区县级公安局名称",
"words":[{"boundingBox":[163,178,173,178,173,192,162,192],"text":"区","confidence":0.965},
{"boundingBox":[176,178,185,178,184,192,176,192],"text":"县","confidence":0.965},
{"boundingBox":[187,178,197,178,197,192,187,192],"text":"级","confidence":0.93},
{"boundingBox":[200,178,210,178,210,192,200,192],"text":"公","confidence":0.969},
{"boundingBox":[213,178,222,178,222,192,213,192],"text":"安","confidence":0.967},
{"boundingBox":[224,178,234,178,234,192,224,192],"text":"局","confidence":0.963},
{"boundingBox":[237,178,245,178,245,192,237,192],"text":"名","confidence":0.966},
{"boundingBox":[248,178,258,178,258,192,248,192],"text":"称","confidence":0.969}],
{"boundingBox":[102,203,148,203,148,216,102,216],"text":"有效期限",
"words":[{"boundingBox":[103,203,110,203,111,216,103,216],"text":"有","confidence":0.969},
{"boundingBox":[113,203,121,203,122,216,113,216],"text":"效","confidence":0.962},
{"boundingBox":[124,203,133,203,133,216,124,216],"text":"期","confidence":0.969},
{"boundingBox":[135,204,145,204,144,216,135,216],"text":"限","confidence":0.964}],
{"boundingBox":[160,206,206,206,206,220,160,220],"text":"20YY.MM.DD - YYYY.MM.DD/长期",
"words":[{"boundingBox":[161,207,207,207,207,220,161,220],"text":"20YY.MM.DD","confidence":0.58},
{"boundingBox":[236,207,245,207,245,220,236,220],"text":"-","confidence":0.701},
{"boundingBox":[248,207,294,207,294,220,247,220],"text":"YYYY.MM.DD/","confidence":0.576},
{"boundingBox":[326,207,335,207,334,220,325,220],"text":"长","confidence":0.969},
{"boundingBox":[338,207,346,207,346,221,337,221],"text":"期","confidence":0.962}],
{"boundingBox":[37,299,120,294,121,309,38,315],"text":"姓名 某某某",
"words":[{"boundingBox":[38,301,47,300,48,315,39,315],"text":"姓","confidence":0.968},
{"boundingBox":[54,299,64,298,65,314,55,314],"text":"名","confidence":0.962},
{"boundingBox":[75,297,85,296,85,312,76,312],"text":"某","confidence":0.25},
{"boundingBox":[91,296,101,295,101,311,91,311],"text":"某","confidence":0.292},
{"boundingBox":[106,295,116,294,115,310,105,310],"text":"某","confidence":0.919}],
{"boundingBox":[38,326,104,326,104,340,38,340],"text":"性别 男/女",
"words":[{"boundingBox":[38,327,47,327,47,340,38,340],"text":"性","confidence":0.967},
{"boundingBox":[55,327,64,327,63,340,54,340],"text":"别","confidence":0.687},
{"boundingBox":[76,327,84,327,84,341,76,341],"text":"男","confidence":0.919},
{"boundingBox":[87,327,95,327,95,341,87,341],"text":"/","confidence":0.979},
{"boundingBox":[92,327,101,327,101,341,92,341],"text":"女","confidence":0.962}],
{"boundingBox":[127,326,173,327,173,340,127,340],"text":"民族汉",
"words":[{"boundingBox":[128,327,136,327,136,340,128,340],"text":"民","confidence":0.968},
```

{"boundingBox": [144, 327, 153, 327, 152, 340, 144, 340], "text": "族", "confidence": 0.967},  
{"boundingBox": [160, 327, 169, 327, 169, 341, 160, 340], "text": "汉", "confidence": 0.966}},  
{"boundingBox": [38, 351, 227, 350, 227, 364, 38, 365], "text": "出生 19/20YY 年 M 月 DD 日",  
"words": [{"boundingBox": [38, 352, 48, 352, 48, 365, 38, 366], "text": "出", "confidence": 0.957},  
{"boundingBox": [54, 352, 64, 351, 64, 365, 54, 365], "text": "生", "confidence": 0.96},  
{"boundingBox": [75, 351, 123, 351, 123, 365, 75, 365], "text": "19/20YY", "confidence": 0.852},  
{"boundingBox": [127, 351, 136, 351, 136, 365, 126, 365], "text": "年", "confidence": 0.922},  
{"boundingBox": [147, 351, 156, 351, 156, 365, 146, 364], "text": "M", "confidence": 0.96},  
{"boundingBox": [171, 351, 181, 351, 180, 365, 171, 365], "text": "月", "confidence": 0.919},  
{"boundingBox": [191, 351, 210, 351, 209, 365, 191, 365], "text": "DD", "confidence": 0.962},  
{"boundingBox": [216, 351, 226, 351, 226, 365, 216, 365], "text": "日", "confidence": 0.154}}},  
{"boundingBox": [283, 360, 343, 360, 343, 375, 284, 376], "text": "彩色免冠",  
"words": [{"boundingBox": [284, 361, 295, 360, 295, 376, 284, 377], "text": "彩", "confidence": 0.969},  
{"boundingBox": [298, 360, 309, 360, 309, 376, 298, 376], "text": "色", "confidence": 0.919},  
{"boundingBox": [314, 360, 325, 360, 325, 376, 314, 376], "text": "免", "confidence": 0.966},  
{"boundingBox": [328, 360, 339, 360, 339, 376, 328, 376], "text": "冠", "confidence": 0.968}}},  
{"boundingBox": [38, 377, 252, 379, 252, 395, 38, 393], "text": "住址 省级行政区名称- 区县级行政区名",  
"words": [{"boundingBox": [38, 378, 47, 378, 47, 392, 38, 391], "text": "住", "confidence": 0.499},  
{"boundingBox": [54, 378, 63, 378, 63, 392, 54, 392], "text": "址", "confidence": 0.963},  
{"boundingBox": [75, 379, 84, 379, 84, 393, 75, 393], "text": "省", "confidence": 0.919},  
{"boundingBox": [87, 379, 97, 379, 97, 394, 87, 393], "text": "级", "confidence": 0.703},  
{"boundingBox": [101, 379, 110, 380, 110, 394, 101, 394], "text": "行", "confidence": 0.968},  
{"boundingBox": [113, 380, 122, 380, 122, 395, 113, 394], "text": "政", "confidence": 0.969},  
{"boundingBox": [125, 380, 135, 380, 135, 395, 125, 395], "text": "区", "confidence": 0.958},  
{"boundingBox": [138, 380, 146, 380, 146, 395, 138, 395], "text": "名", "confidence": 0.962},  
{"boundingBox": [149, 380, 158, 380, 158, 395, 149, 395], "text": "称", "confidence": 0.967},  
{"boundingBox": [161, 380, 162, 380, 162, 395, 161, 395], "text": "-", "confidence": 0.919},  
{"boundingBox": [165, 380, 174, 380, 174, 395, 165, 395], "text": "区", "confidence": 0.947},  
{"boundingBox": [178, 380, 188, 380, 188, 395, 178, 395], "text": "县", "confidence": 0.58},  
{"boundingBox": [191, 380, 200, 380, 200, 395, 191, 395], "text": "级", "confidence": 0.693},  
{"boundingBox": [203, 380, 212, 380, 212, 395, 203, 395], "text": "行", "confidence": 0.965},  
{"boundingBox": [215, 380, 225, 380, 225, 395, 215, 395], "text": "政", "confidence": 0.967},  
{"boundingBox": [228, 380, 237, 379, 237, 395, 228, 395], "text": "区", "confidence": 0.919},  
{"boundingBox": [240, 379, 249, 379, 249, 394, 240, 395], "text": "名", "confidence": 0.963}}},  
{"boundingBox": [74, 388, 291, 389, 291, 417, 74, 417], "text": "称-具体住宿地址 | PLE",  
"words": [{"boundingBox": [75, 397, 83, 397, 83, 409, 75, 409], "text": "称", "confidence": 0.965},  
{"boundingBox": [87, 397, 97, 397, 97, 410, 87, 410], "text": "-", "confidence": 0.576},  
{"boundingBox": [91, 397, 100, 397, 100, 411, 91, 410], "text": "具", "confidence": 0.961},  
{"boundingBox": [104, 397, 112, 397, 112, 412, 104, 412], "text": "体", "confidence": 0.968},  
{"boundingBox": [116, 396, 124, 396, 124, 413, 116, 413], "text": "住", "confidence": 0.919},  
{"boundingBox": [129, 396, 137, 396, 137, 414, 129, 414], "text": "宿", "confidence": 0.919},  
{"boundingBox": [141, 396, 149, 396, 149, 415, 141, 415], "text": "地", "confidence": 0.967},  
{"boundingBox": [154, 396, 162, 395, 162, 416, 154, 415], "text": "址", "confidence": 0.919},  
{"boundingBox": [166, 395, 181, 389, 181, 417, 166, 416], "text": " | PLE", "confidence": 0.002}}},  
{"boundingBox": [298, 393, 298, 377, 329, 377, 328, 394], "text": "照片",  
"words": [{"boundingBox": [298, 393, 299, 377, 310, 377, 310, 394], "text": "照", "confidence": 0.968},  
{"boundingBox": [313, 394, 313, 377, 327, 377, 326, 394], "text": "片", "confidence": 0.96}}},  
{"boundingBox": [38, 462, 119, 462, 119, 477, 38, 477], "text": "公民身份号码",  
"words": [{"boundingBox": [39, 462, 48, 462, 48, 477, 39, 477], "text": "公", "confidence": 0.969},  
{"boundingBox": [51, 462, 62, 462, 62, 477, 51, 477], "text": "民", "confidence": 0.969},  
{"boundingBox": [65, 462, 75, 462, 75, 477, 65, 477], "text": "身", "confidence": 0.968},  
{"boundingBox": [78, 462, 88, 462, 88, 477, 78, 477], "text": "份", "confidence": 0.966},  
{"boundingBox": [91, 462, 101, 463, 101, 477, 91, 477], "text": "号", "confidence": 0.969},  
{"boundingBox": [104, 463, 116, 463, 115, 477, 104, 477], "text": "码", "confidence": 0.962}}},  
{"boundingBox": [136, 463, 340, 463, 340, 478, 136, 479], "text": "110102YYYYMMDD 888X", "appearance": {"style": "print", "styleConfidence": 0.998},  
"words": [{"boundingBox": [139, 464, 292, 463, 292, 479, 140, 479], "text": "110102YYYYMMDD", "confidence": 0.825},  
{"boundingBox": [295, 463, 341, 463, 340, 479, 295, 479], "text": "888X", "confidence": 0.985}}}}}]

Displayed (test2.jpg)

Scan Document

Cont of Pages: '1'

Read Page

1

Count of Lines: '12'

Read Line 1

姓名 奚懿寒

Count of words: '5' '姓', '名', '奚', '懿', '寒',

Read Line 2

性别 男

Count of words: '3' '性', '别', '男',

Read Line 3

民族 汉

Count of words: '3' '民', '族', '汉',

Read Line 4

出生 1981 年 1 月 8 日

Count of words: '8' '出', '生', '1981', '年', '1', '月', '8', '日',

Read Line 5

住址 上海市奉贤区南桥镇贝港

Count of words: '13' '住', '址', '上', '海', '市', '奉', '贤', '区', '南', '桥', '镇', '贝', '港',

Read Line 6

新村120号104室

Count of words: '6' '新', '村', '120', '号', '104', '室',

Read Line 7

公民身份号码 310226198101082919

Count of words: '7' '公', '民', '身', '份', '号', '码', '310226198101082919',

Read Line 8

中华人民共和国

Count of words: '7' '中', '华', '人', '民', '共', '和', '国',

Read Line 9

居民身份证

Count of words: '5' '居', '民', '身', '份', '证',

Read Line 10

签发机关 上海市公安局奉贤分局

Count of words: '14' '签', '发', '机', '关', '上', '海', '市', '公', '安', '局', '奉', '贤', '分', '局',

Read Line 11

有效期限

Count of words: '4' '有', '效', '期', '限',

Read Line 12

2006.11.07-2016.11.07

Count of words: '1' '2006.11.07-2016.11.07',

Test-4.pdf

```
{"status": "succeeded", "createdDateTime": "2020-11-09T12:29:01Z", "lastUpdatedDateTime": "2020-11-09T12:29:04Z", "analyzeResult": {"version": "3.1.0", "readResults": [{"page": 1, "angle": 0.2126, "width": 8.2639, "height": 11.6806, "unit": "inch", "lines": [{"boundingBox": [1.0206, 1.09, 4.2927, 1.09, 4.2927, 1.3615, 1.0206, 1.3615], "text": "Chinese ID Card Test 4", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [1.0206, 1.09, 2.1693, 1.09, 2.1693, 1.3615, 1.0206, 1.3615], "text": "Chinese", "confidence": 1}, {"boundingBox": [2.2996, 1.1083, 2.5695, 1.1083, 2.5695, 1.3595, 2.2996, 1.3595], "text": "ID", "confidence": 1}, {"boundingBox": [2.6815, 1.0912, 3.3313, 1.0912, 3.3313, 1.3615, 2.6815, 1.3615], "text": "Card", "confidence": 1}, {"boundingBox": [3.4391, 1.1095, 4.0201, 1.1095, 4.0201, 1.3615, 3.4391, 1.3615], "text": "Test", "confidence": 1}, {"boundingBox": [4.1185, 1.1083, 4.2927, 1.1083, 4.2927, 1.3595, 4.1185, 1.3595], "text": "4", "confidence": 1}], [{"boundingBox": [2.1198, 2.7775, 2.3135, 2.7667, 2.335, 2.9605, 2.1413, 2.9605], "text": "★", "words": [{"boundingBox": [2.1198, 2.7667, 2.2597, 2.7667, 2.2597, 2.9605, 2.1305, 2.9605], "text": "★", "confidence": 0.253}], [{"boundingBox": [3.2496, 2.6268, 6.1549, 2.6375, 6.1441, 3.0251, 3.2496, 3.0143], "text": "中华人民共和国", "words": [{"boundingBox": [3.2604, 2.6375, 3.5186, 2.6375, 3.5294, 3.0251, 3.2604, 3.0251], "text": "中", "confidence": 0.969}, {"boundingBox": [3.6585, 2.6375, 3.9275, 2.6375, 3.9383, 3.0251, 3.6585, 3.0251], "text": "华", "confidence": 0.965}, {"boundingBox": [4.0889, 2.6375, 4.3687, 2.6375, 4.3687, 3.0251, 4.0889, 3.0251], "text": "人", "confidence": 0.968}, {"boundingBox": [4.4978, 2.6375, 4.7776, 2.6375, 4.7776, 3.0251, 4.5086, 3.0251], "text": "民", "confidence": 0.969}, {"boundingBox": [4.939, 2.6375, 5.208, 2.6375, 5.2187, 3.0251, 4.939, 3.0251], "text": "共", "confidence": 0.969}]}]}
```

,"confidence":0.965},{ "boundingBox": [5.3479,2.6375,5.6169,2.6375,5.6276,3.0251,5.3479,3.0251], "text": "和"}, {"confidence":0.966},{ "boundingBox": [5.7783,2.6375,6.0473,2.6483,6.058,3.0251,5.789,3.0251], "text": "国"}, {"confidence":0.966}},{ "boundingBox": [3.0559,3.2189,6.3593,3.2296,6.3593,3.7249,3.0559,3.7141], "text": "居民身份证"}, {"words": [{"boundingBox": [3.0667,3.2296,3.3895,3.2296,3.3895,3.7249,3.0559,3.7249], "text": "居"}, {"confidence":0.967},{ "boundingBox": [3.7231,3.2296,4.0781,3.2404,4.0674,3.7249,3.7231,3.7249], "text": "民"}, {"confidence":0.966},{ "boundingBox": [4.4655,3.2404,4.8206,3.2404,4.8098,3.7356,4.4655,3.7249], "text": "身"}, {"confidence":0.969},{ "boundingBox": [5.1542,3.2404,5.4985,3.2404,5.4877,3.7356,5.1434,3.7356], "text": "份"}, {"confidence":0.966},{ "boundingBox": [5.8321,3.2404,6.2087,3.2404,6.1979,3.7356,5.8213,3.7356], "text": "证"}, {"confidence":0.919}},{ "boundingBox": [2.7331,4.6938,3.4863,4.7045,3.4863,4.8983,2.7331,4.8875], "text": "签发机关"}, {"words": [{"boundingBox": [2.7654,4.7045,2.9053,4.7045,2.8945,4.8983,2.7546,4.8983], "text": "签"}, {"confidence":0.968},{ "boundingBox": [2.9376,4.7045,3.0774,4.7153,3.0774,4.8983,2.9376,4.8983], "text": "发"}, {"confidence":0.969},{ "boundingBox": [3.1205,4.7153,3.2604,4.7153,3.2496,4.9091,3.1097,4.8983], "text": "机"}, {"confidence":0.965},{ "boundingBox": [3.3142,4.7153,3.4433,4.7153,3.4433,4.9091,3.3034,4.9091], "text": "关"}, {"confidence":0.968}},{ "boundingBox": [3.6908,4.7045,4.9067,4.7261,4.9067,4.9414,3.68,4.9198], "text": "迁西县公安局"}, {"words": [{"boundingBox": [3.7015,4.7153,3.8414,4.7153,3.8414,4.9306,3.7015,4.9198], "text": "迁"}, {"confidence":0.597},{ "boundingBox": [3.906,4.7153,4.0459,4.7261,4.0459,4.9306,3.906,4.9306], "text": "西"}, {"confidence":0.969},{ "boundingBox": [4.1212,4.7261,4.2611,4.7261,4.2611,4.9414,4.1212,4.9306], "text": "县"}, {"confidence":0.964},{ "boundingBox": [4.3041,4.7261,4.444,4.7261,4.444,4.9414,4.3041,4.9414], "text": "公"}, {"confidence":0.969},{ "boundingBox": [4.5086,4.7368,4.6377,4.7368,4.6484,4.9414,4.5086,4.9414], "text": "安"}, {"confidence":0.968},{ "boundingBox": [4.6807,4.7261,4.8314,4.7261,4.8314,4.9414,4.6915,4.9414], "text": "局"}, {"confidence":0.968}},{ "boundingBox": [2.7439,5.1351,3.4971,5.1459,3.4971,5.3289,2.7439,5.3182], "text": "有效期限"}, {"words": [{"boundingBox": [2.7546,5.1459,2.8838,5.1459,2.8945,5.3289,2.7654,5.3289], "text": "有"}, {"confidence":0.969},{ "boundingBox": [2.9268,5.1459,3.0559,5.1459,3.0559,5.3289,2.9268,5.3289], "text": "效"}, {"confidence":0.964},{ "boundingBox": [3.1205,5.1459,3.2496,5.1459,3.2496,5.3289,3.1205,5.3289], "text": "期"}, {"confidence":0.969},{ "boundingBox": [3.3034,5.1459,3.4325,5.1459,3.4325,5.3289,3.3034,5.3289], "text": "限"}, {"confidence":0.967}},{ "boundingBox": [3.6585,5.1674,5.8105,5.1674,5.8105,5.372,3.6585,5.3612], "text": "2013.07.03-2018.07.03"}, {"words": [{"boundingBox": [3.6693,5.1674,5.8213,5.1782,5.8105,5.3827,3.68,5.3612], "text": "2013.07.03-2018.07.03"}, {"confidence":0.154}},{ "boundingBox": [1.345,6.9545,4.1965,6.9437,4.1965,7.2344,1.345,7.2452], "text": "姓名 马那提·哈密提"}, {"words": [{"boundingBox": [1.3988,6.976,1.5818,6.976,1.5818,7.2344,1.4096,7.2344], "text": "姓"}, {"confidence":0.349},{ "boundingBox": [1.7324,6.976,1.9153,6.9653,1.9153,7.2344,1.7432,7.2344], "text": "名"}, {"confidence":0.925},{ "boundingBox": [2.1736,6.9653,2.3565,6.9653,2.3565,7.2344,2.1736,7.2344], "text": "马"}, {"confidence":0.93},{ "boundingBox": [2.4856,6.9545,2.6685,6.9545,2.6685,7.2344,2.4964,7.2344], "text": "那"}, {"confidence":0.943},{ "boundingBox": [2.7654,6.9545,2.9376,6.9545,2.9376,7.2452,2.7654,7.2452], "text": "提"}, {"confidence":0.963},{ "boundingBox": [3.1097,6.9545,3.2604,6.9545,3.2604,7.2452,3.1097,7.2452], "text": "哈"}, {"confidence":0.362},{ "boundingBox": [3.3142,6.9545,3.4971,6.9545,3.4971,7.2452,3.3142,7.2452], "text": "哈密"}, {"confidence":0.93},{ "boundingBox": [3.637,6.9545,3.8199,6.9545,3.8091,7.2452,3.6262,7.2452], "text": "米"}, {"confidence":0.969},{ "boundingBox": [3.9275,6.9545,4.0997,6.9545,4.0997,7.2452,3.9167,7.2452], "text": "提"}, {"confidence":0.965}},{ "boundingBox": [1.3773,7.4497,2.378,7.4605,2.3673,7.7296,1.3773,7.6973], "text": "性别 男"}, {"words": [{"boundingBox": [1.3881,7.4497,1.5602,7.4605,1.5495,7.6973,1.3881,7.6866], "text": "性"}, {"confidence":0.919},{ "boundingBox": [1.7216,7.4605,1.8938,7.4605,1.883,7.7081,1.7109,7.6973], "text": "别"}, {"confidence":0.919},{ "boundingBox": [2.1413,7.4713,2.3135,7.4713,2.3027,7.7296,2.1413,7.7189], "text": "男"}, {"confidence":0.958}},{ "boundingBox": [2.7977,7.4497,4.1427,7.4713,4.1319,7.7296,2.7977,7.7081], "text": "民族 哈萨克"}, {"words": [{"boundingBox": [2.8084,7.4605,2.9914,7.4605,2.9806,7.7081,2.8084,7.7081], "text": "民"}, {"confidence":0.966},{ "boundingBox": [3.1205,7.4713,3.3034,7.4713,3.2926,7.7189,3.1205,7.7189], "text": "族"}, {"confidence":0.919},{ "boundingBox": [3.4002,7.4713,3.5832,7.482,3.5724,7.7189,3.4002,7.7189], "text": "哈"}, {"confidence":0.964},{ "boundingBox": [3.6477,7.482,3.8199,7.482,3.8199,7.7296,3.6477,7.7296], "text": "萨"}, {"confidence":0.966},{ "boundingBox": [3.8737,7.482,4.0674,7.482,4.0674,7.7296,3.8737,7.7296], "text": "克"}, {"confidence":0.919}},{ "boundingBox": [1.3235,7.8911,4.2611,7.8803,4.2611,8.171,1.3235,8.1818], "text": "出生 1972 年 2 月 10 日"}, {"words": [{"boundingBox": [1.345,7.9234,1.5064,7.9234,1.5172,8.171,1.345,8.1602], "text": "出"}, {"confidence":0.943},{ "boundingBox": [1.6894,7.9342,1.8615,7.9342,1.8615,8.171,1.6894,8.171], "text": "生"}, {"confidence":0.903},{ "boundingBox": [2.1198,7.9342,2.6685,7.9342,2.6685,8.1818,2.1198,8.1818], "text": "1972"}, {"confidence":0.957},{ "boundingBox": [2.7869,7.9342,2.9591,7.9342,2.9591,8.1818,2.7869,8.1818], "text": "年"}, {"confidence":0.945},{ "boundingBox": [3.1205,7.9342,3.2926,7.9234,3.2819,8.1818,3.1205,8.1818], "text": "2"}, {"confidence":0.963},{ "boundingBox": [3.3895,7.9234,3.5616,7.9126,3.5509,8.1818,3.3895,8.1818], "text": "月"}, {"confidence":0.967},{ "boundingBox": [3.6693,7.9126,3.9383,7.9019,3.9383,8.1818,3.6693,8.1818], "text": "10"}, {"confidence":0.966},{ "boundingBox": [3.9921,7.8911,4.1642,7.8911,4.1535,8.171,3.9813,8.1818], "text": "日"}, {"confidence":0.077}},{ "boundingBox": [1.3235,8.4401,4.7668,8.4617,4.756,8.72,1.3235,8.6985], "text": "住址 新疆福海县福海镇建北二"}, {"words": [{"boundingBox": [1.3235,8.4509,1.4849,8.4509,1.4742,8.677,1.3235,8.677], "text": "住"}, {"confidence":0.182},{ "boundingBox": [1.6463,8.4509,1.8185,8.4509,1.8185,8.6878,1.6463,8.6878], "text": "址"}, {"confidence":0.702},{ "boundingBox": [2.0875,8.4509,2.2489,8.4617,2.2489,8.6985,2.0875,8.6985], "text": "新"}, {"confidence":0.919},{ "boundingBox": [2.3457,8.4617,2.5071,8.4617,2.5071,8.7093,2.3457,8.7093], "text": "疆"}]

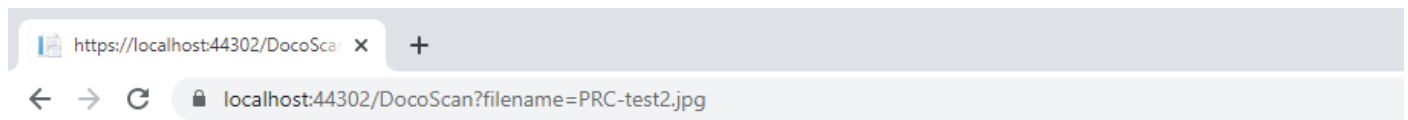






## Screen-shot of output from Parser

Today's date shifted to 2010 the allow validity check to pass.



### Scan Document

Count of Pages: '1'

### Read Page

1

Count of Lines: '12'

Read Line 姓名 奚懿寒 Count of words: '5' '姓', '名', '奚', '懿', '寒',

Read Line 性别 男 Count of words: '3' '性', '别', '男',

Read Line 民族 汉 Count of words: '3' '民', '族', '汉',

Read Line 出生 1981年1月8日 Count of words: '8' '出', '生', '1981', '年', '1', '月', '8', '日',

Read Line 住址 上海市奉贤区南桥镇贝港 Count of words: '13' '住', '址', '上', '海', '市', '奉', '贤', '区', '南', '桥', '镇', '贝', '港',

Read Line 新村120号104室 Count of words: '6' '新', '村', '120', '号', '104', '室',

Read Line 公民身份号码 310226198101082919 Count of words: '7' '公', '民', '身', '份', '号', '码', '310226198101082919',

Read Line 中华人民共和国 Count of words: '7' '中', '华', '人', '民', '共', '和', '国',

Read Line 居民身份证 Count of words: '5' '居', '民', '身', '份', '证',

Read Line 签发机关 上海市公安局奉贤分局 Count of words: '14' '签', '发', '机', '关', '上', '海', '市', '公', '安', '局', '奉', '贤', '分', '局',

Read Line 有效期限 Count of words: '4' '有', '效', '期', '限',

Read Line '2006.11.07-2016.11.07' Count of words: '1' '2006.11.07-2016.11.07',

### ChinIDCard Fields

Name: 'Name', Value: '奚懿寒'

Name: 'Language', Value: 'Chinese'

Name: 'DateOfBirth', Value: '08 Jan 1981'

Name: 'Id', Value: '310226198101082919'

### ID-Card reader

Doc Name = 'chineseidcard'

File Name = 'C:/Ace/KBD/Temp/PRC-test2.jpg'

Response Count = 0

### ChinIDCard Fields

Name: 'DirectorId', Value: ''

Name: 'Email', Value: ''

Name: 'Name', Value: '奚懿寒'

Name: 'Telephone', Value: ''

Name: 'Language', Value: 'Simplified Chinese'

Name: 'DateOfBirth', Value: '08 Jan 1981'

Name: 'Id', Value: '310226198101082919'

Name: 'TestFaults', Value: ' Bad Validity Date-Range'

end

## Scan Document

Count of Pages: '1'

## Read Page

1

Count of Lines: '15'

**Read Line** 'Chinese ID Card Test 4' Count of words: '5' 'Chinese', 'ID', 'Card', 'Test', '4',

**Read Line** '★' Count of words: '1' '★',

**Read Line** '中华人民共和国' Count of words: '7' '中', '华', '人', '民', '共', '和', '国',

**Read Line** '居民身份证' Count of words: '5' '居', '民', '身', '份', '证',

**Read Line** '签发机关' Count of words: '4' '签', '发', '机', '关',

**Read Line** '迁西县公安局' Count of words: '6' '迁', '西', '县', '公', '安', '局',

**Read Line** '有效期限' Count of words: '4' '有', '效', '期', '限',

**Read Line** '2013.07.03-2018.07.03' Count of words: '1' '2013.07.03-2018.07.03',

**Read Line** '姓名 马那提·哈密提' Count of words: '9' '姓', '名', '马', '那', '提', '·', '哈', '米', '提',

**Read Line** '性别 男' Count of words: '3' '性', '别', '男',

**Read Line** '民族 哈萨克' Count of words: '5' '民', '族', '哈', '萨', '克',

**Read Line** '出生 1972 年 2 月 10 日' Count of words: '8' '出', '生', '1972', '年', '2', '月', '10', '日',

**Read Line** '住址 新疆福海县福海镇建北二' Count of words: '13' '住', '址', '新', '疆', '福', '海', '县', '福', '海', '镇', '建', '北', '二',

**Read Line** '路西集体户396号2户' Count of words: '9' '路', '西', '集', '体', '户', '396', '号', '2', '户',

**Read Line** '公民身份号码 654323197202100091' Count of words: '7' '公', '民', '身', '份', '号', '码', '654323197202100091',

### Test3.png

Count of Lines: '15'

Read Line '中华人民共和国' Count of words: '7' '中', '华', '人', '民', '共', '和', '国',

Read Line '居民身份证' Count of words: '5' '居', '民', '身', '份', '证',

Read Line '签发机关' Count of words: '4' '签', '发', '机', '关',

Read Line '无锡市公安局' Count of words: '6' '无', '锡', '市', '公', '安', '局',

Read Line '有效期限' Count of words: '4' '有', '效', '期', '限',

Read Line '2010.07.01-2020.07.01' Count of words: '3' '2010.', '07.', '01-2020.07.01',

Read Line '姓名 费大曼' Count of words: '5' '姓', '名', '费', '大', '曼',

Read Line '性别 男' Count of words: '3' '性', '别', '男',

Read Line '民族 汉' Count of words: '3' '民', '族', '汉',

Read Line '出生' Count of words: '2' '出', '生',

Read Line '1982年5月5日' Count of words: '5' '1982', '年', '5', '月', '5',

Read Line '日' Count of words: '1' '日',

Read Line '住址 江苏省无锡市滨湖区' Count of words: '11' '住', '址', '江', '苏', '省', '无', '锡', '市', '滨', '湖', '区',

Read Line '江南大学90号楼309室' Count of words: '9' '江', '南', '大', '学', '90', '号', '楼', '309', '室',

Read Line '公民身份号码 320525198205052624' Count of words: '7' '公', '民', '身', '份', '号', '码', '320525198205052624',

### Test5.pdf

Scan Document

Count of Pages: '2'

Read Page 1

Count of Lines: '6'

Read Line '中华人民共和国' Count of words: '7' '中', '华', '人', '民', '共', '和', '国',

Read Line '居民身份证' Count of words: '5' '居', '民', '身', '份', '证',

Read Line '签发机关' Count of words: '4' '签', '发', '机', '关',

Read Line '迁西县公安局' Count of words: '6' '迁', '西', '县', '公', '安', '局',

Read Line '有效期限' Count of words: '4' '有', '效', '期', '限',

Read Line '2013,07.03-2018.07.03' Count of words: '1' '2013,07.03-2018.07.03',

Read Page 2

Count of Lines: '17'

Read Line 'SINGOMINGZ' Count of words: '1' 'SINGOMINGZ',

Read Line '姓名' Count of words: '2' '姓', '名',

Read Line '甘东桂' Count of words: '3' '甘', '东', '桂',

Read Line 'SINGOBIED' Count of words: '1' 'SINGOBIED',

Read Line 'MINZCUZ' Count of words: '1' 'MINZCUZ',

Read Line '性别' Count of words: '2' '性', '别',

Read Line '男' Count of words: '1' '男',

Read Line '民族 壮' Count of words: '3' '民', '族', '壮',

Read Line 'SENG' Count of words: '1' 'SENG',

Read Line 'NIENZ NYIED HAUN' Count of words: '3' 'NIENZ', 'NYIED', 'HAUN',

Read Line '出生 1976年10月8日' Count of words: '8' '出', '生', '1976', '年', '10', '月', '8', '日',

Read Line 'DIEGYOUQ' Count of words: '1' 'DIEGYOUQ',

Read Line '住址 广西凌云县泗城镇前进社' Count of words: '13' '住', '址', '广', '西', '凌', '云', '县', '泗', '城', '镇', '前', '进', '社',

Read Line '区营盘小区174号' Count of words: '7' '区', '营', '盘', '小', '区', '174', '号',

Read Line 'GUNGHMINGZ' Count of words: '1' 'GUNGHMINGZ',

Read Line 'SINHFWN HAUMAJ' Count of words: '2' 'SINHFWN', 'HAUMAJ',

Read Line '公民身份号码 450211197610080411' Count of words: '7' '公', '民', '身', '份', '号', '码', '450211197610080411',

## AML: USA ID Card

AKA 'UsaidCard'. or 'usaidcard', or 'USAIDC'.

No such thing, use USA Driving license instead or Passport Card. USA-Real-ID.

Real-ID deadline extended to 1-Oct-2021.

Azure mediator name = 'usaidcard' or in doco 'USAIDC'.

Front of card is too variant to reliably read, but the back of the card has a machine readable 2d bar-code containing all the required data. ISO/IEC 15438:2006(E) – PDF417

## PDF417 Encoding

'@', 'LF', 'RS', 'CR'; 0x400A1E0D; header.

"ANSI" or "AAMVA"; file type.

"6360", issuer id no, 6 digits encoded.

"nnnnnn", 2 digit AAMVA version no and 2 digit jurisdiction version no, and 2 digit no of entries.

"DL" or "ID" subfile type, followed by its 4 digit offset and 4 digit length; repeat as required.

"DL" or "ID" the start of the first subfile.

## Driver License Fields

```
driverLicenseFields = [  
  { 'abbreviation': 'DAA', 'description': 'Full Name' }  
  , { 'abbreviation': 'DAB', 'description': 'Last Name' }  
  , { 'abbreviation': 'DAB', 'description': 'Family Name' }  
  , { 'abbreviation': 'DAC', 'description': 'First Name' }  
  , { 'abbreviation': 'DAC', 'description': 'Given Name' }  
  , { 'abbreviation': 'DAD', 'description': 'Middle Name or Initial' }  
  , { 'abbreviation': 'DAD', 'description': 'Middle Name' }  
  , { 'abbreviation': 'DAE', 'description': 'Name Suffix' }  
  , { 'abbreviation': 'DAF', 'description': 'Name Prefix' }  
  , { 'abbreviation': 'DAG', 'description': 'Mailing Street Address1' }  
  , { 'abbreviation': 'DAH', 'description': 'Mailing Street Address2' }  
  , { 'abbreviation': 'DAI', 'description': 'Mailing City' }  
  , { 'abbreviation': 'DAJ', 'description': 'Mailing Jurisdiction Code' }  
  , { 'abbreviation': 'DAK', 'description': 'Mailing Postal Code' }  
  , { 'abbreviation': 'DAL', 'description': 'Residence Street Address1' }  
  , { 'abbreviation': 'DAM', 'description': 'Residence Street Address2' }  
  , { 'abbreviation': 'DAN', 'description': 'Residence City' }  
  , { 'abbreviation': 'DAO', 'description': 'Residence Jurisdiction Code' }  
  , { 'abbreviation': 'DAP', 'description': 'Residence Postal Code' }  
  , { 'abbreviation': 'DAQ', 'description': 'License or ID Number' }  
  , { 'abbreviation': 'DAR', 'description': 'License Classification Code' }  
  , { 'abbreviation': 'DAS', 'description': 'License Restriction Code' }  
  , { 'abbreviation': 'DAT', 'description': 'License Endorsements Code' }  
  , { 'abbreviation': 'DAU', 'description': 'Height in FT_IN' }  
  , { 'abbreviation': 'DAV', 'description': 'Height in CM' }  
  , { 'abbreviation': 'DAW', 'description': 'Weight in LBS' }  
  , { 'abbreviation': 'DAX', 'description': 'Weight in KG' }  
  , { 'abbreviation': 'DAY', 'description': 'Eye Color' }  
  , { 'abbreviation': 'DAZ', 'description': 'Hair Color' }  
  , { 'abbreviation': 'DBA', 'description': 'License Expiration Date' }  
  , { 'abbreviation': 'DBB', 'description': 'Date of Birth' }  
  , { 'abbreviation': 'DBC', 'description': 'Sex' }
```

```

, { 'abbreviation': 'DBD', 'description': 'License or ID Document Issue Date' }
, { 'abbreviation': 'DBE', 'description': 'Issue Timestamp' }
, { 'abbreviation': 'DBF', 'description': 'Number of Duplicates' }
, { 'abbreviation': 'DBG', 'description': 'Medical Indicator Codes' }
, { 'abbreviation': 'DBH', 'description': 'Organ Donor' }
, { 'abbreviation': 'DBI', 'description': 'Non-Resident Indicator' }
, { 'abbreviation': 'DBJ', 'description': 'Unique Customer Identifier' }
, { 'abbreviation': 'DBK', 'description': 'Social Security Number' }
, { 'abbreviation': 'DBL', 'description': 'Date Of Birth' }
, { 'abbreviation': 'DBM', 'description': 'Social Security Number' }
, { 'abbreviation': 'DBN', 'description': 'Full Name' }
, { 'abbreviation': 'DBO', 'description': 'Last Name' }
, { 'abbreviation': 'DBO', 'description': 'Family Name' }
, { 'abbreviation': 'DBP', 'description': 'First Name' }
, { 'abbreviation': 'DBP', 'description': 'Given Name' } tertiary
, { 'abbreviation': 'DBQ', 'description': 'Middle Name' }
, { 'abbreviation': 'DBQ', 'description': 'Middle Name or Initial' }
, { 'abbreviation': 'DBR', 'description': 'Suffix' }
, { 'abbreviation': 'DBS', 'description': 'Prefix' }
, { 'abbreviation': 'DCA', 'description': 'Virginia Specific Class' }
, { 'abbreviation': 'DCB', 'description': 'Virginia Specific Restrictions' }
, { 'abbreviation': 'DCD', 'description': 'Virginia Specific Endorsements' }
, { 'abbreviation': 'DCE', 'description': 'Physical Description Weight Range' }
, { 'abbreviation': 'DCF', 'description': 'Document Discriminator' }
, { 'abbreviation': 'DCG', 'description': 'Country territory of issuance' }
, { 'abbreviation': 'DCH', 'description': 'Federal Commercial Vehicle Codes' }
, { 'abbreviation': 'DCI', 'description': 'Place of birth' }
, { 'abbreviation': 'DCJ', 'description': 'Audit information' }
, { 'abbreviation': 'DCK', 'description': 'Inventory Control Number' }
, { 'abbreviation': 'DCL', 'description': 'Race Ethnicity' }
, { 'abbreviation': 'DCM', 'description': 'Standard vehicle classification' }
, { 'abbreviation': 'DCN', 'description': 'Standard endorsement code' }
, { 'abbreviation': 'DCO', 'description': 'Standard restriction code' }
, { 'abbreviation': 'DCP', 'description': 'Jurisdiction specific vehicle classification description' }
, { 'abbreviation': 'DCQ', 'description': 'Jurisdiction-specific' }
, { 'abbreviation': 'DCR', 'description': 'Jurisdiction specific restriction code description' }
, { 'abbreviation': 'DCS', 'description': 'Family Name' }
, { 'abbreviation': 'DCS', 'description': 'Last Name' }
, { 'abbreviation': 'DCT', 'description': 'Given Name' }
, { 'abbreviation': 'DCT', 'description': 'First Name' }
, { 'abbreviation': 'DCU', 'description': 'Suffix' }
, { 'abbreviation': 'DDA', 'description': 'Compliance Type' }
, { 'abbreviation': 'DDB', 'description': 'Card Revision Date' }
, { 'abbreviation': 'DDC', 'description': 'HazMat Endorsement Expiry Date' }
, { 'abbreviation': 'DDD', 'description': 'Limited Duration Document Indicator' }
, { 'abbreviation': 'DDE', 'description': 'Family Name Truncation' }
, { 'abbreviation': 'DDF', 'description': 'First Names Truncation' }
, { 'abbreviation': 'DDG', 'description': 'Middle Names Truncation' }
, { 'abbreviation': 'DDH', 'description': 'Under 18 Until' }
, { 'abbreviation': 'DDI', 'description': 'Under 19 Until' }
, { 'abbreviation': 'DDJ', 'description': 'Under 21 Until' }
, { 'abbreviation': 'DDK', 'description': 'Organ Donor Indicator' }
, { 'abbreviation': 'DDL', 'description': 'Veteran Indicator' }
, { 'abbreviation': 'PAA', 'description': 'Permit Classification Code' }
, { 'abbreviation': 'PAB', 'description': 'Permit Expiration Date' }
, { 'abbreviation': 'PAC', 'description': 'Permit Identifier' }
, { 'abbreviation': 'PAD', 'description': 'Permit IssueDate' }
, { 'abbreviation': 'PAE', 'description': 'Permit Restriction Code' }
, { 'abbreviation': 'PAF', 'description': 'Permit Endorsement Code' }
, { 'abbreviation': 'ZVA', 'description': 'Court Restriction Code' }

```

]

Class

```

public class DriverLicenseField {
    public string abbreviation { get; set; }
    public string description { get; set; }
}

```









Read Line 'NBAHOBA' Count of words: '1' 'NBAHOBA',  
Read Line 'IVANOVA' Count of words: '1' 'IVANOVA',  
Read Line 'MAPALIA' Count of words: '1' 'MAPALIA',  
Read Line 'MARITSA' Count of words: '1' 'MARITSA',  
Read Line 'PATHEBA' Count of words: '1' 'PATHEBA',  
Read Line 'RADNEVA' Count of words: '1' 'RADNEVA',  
Read Line '01.08.1986 COOMRISOFIA' Count of words: '2' '01.08.1986', 'COOMRISOFIA',  
Read Line '41. 19.01.2013' Count of words: '2' '41.', '19.01.2013',  
Read Line '4b. 19.01. 2018' Count of words: '3' '4b.', '19.01.', '2018',  
Read Line '40 MBWol9GR' Count of words: '2' '40', 'MBWol9GR',  
Read Line '40. 8508010133' Count of words: '2' '40.', '8508010133',  
Read Line '4. 56ArAPMAIBGR' Count of words: '2' '4.', '56ArAPMAIBGR',  
Read Line '5. 280000000' Count of words: '2' '5.', '280000000',  
Read Line '3.AM A1.A2,A,B1,B,C1,C,D1,D,BE,C1E.CE.DIE.DE,Ttm,Tkt\*' Count of words: '2' '3.AM',  
'A1.A2,A,B1,B,C1,C,D1,D,BE,C1E.CE.DIE.DE,Ttm,Tkt\*',

#### Test 4

Scan Document

Count of Lines: '14'

Read Line 'PERMISO DE CONDUCCIÓN REINO DE ESPAÑA' Count of words: '6' 'PERMISO', 'DE', 'CONDUCCIÓN', 'REINO', 'DE', 'ESPAÑA',  
Read Line 'E' Count of words: '1' 'E',  
Read Line '1. APELLIDO1' Count of words: '2' '1.', 'APELLIDO1',  
Read Line 'APELLIO02' Count of words: '1' 'APELLIO02',  
Read Line '2. NOMBRE' Count of words: '2' '2.', 'NOMBRE',  
Read Line '3. 01-01-1980' Count of words: '2' '3.', '01-01-1980',  
Read Line 'ESPAÑA' Count of words: '1' 'ESPAÑA',  
Read Line '4a.02-11-2004' Count of words: '1' '4a.02-11-2004',  
Read Line '4c. 99-00' Count of words: '2' '4c.', '99-00',  
Read Line '4b.02-11-2014' Count of words: '1' '4b.02-11-2014',  
Read Line '5. 01234567-X' Count of words: '2' '5.', '01234567-X',  
Read Line '7.' Count of words: '1' '7.',  
Read Line 'MUESTRA' Count of words: '1' 'MUESTRA',  
Read Line '9. AM A1 A2 A BI B CI C DI D BE CIE CE DIE DE BTP' Count of words: '17' '9.', 'AM', 'A1', 'A2', 'A', 'BI', 'B', 'CI', 'C', 'DI', 'D', 'BE', 'CIE',  
'CE', 'DIE', 'DE', 'BTP',

#### Test 5

Scan Document

Count of Lines: '16'

Read Line 'FÜHRERSCHEIN' Count of words: '1' 'FÜHRERSCHEIN',  
Read Line 'REPUBLIK ÖSTERREICH' Count of words: '2' 'REPUBLIK', 'ÖSTERREICH',  
Read Line 'MODELL DER EUROPÄISCHEN GEMEINSCHAFTEN' Count of words: '4' 'MODELL', 'DER', 'EUROPÄISCHEN', 'GEMEINSCHAFTEN',  
Read Line '1. MUSTERFRAU' Count of words: '2' '1.', 'MUSTERFRAU',  
Read Line 'MUSTERFRAU' Count of words: '1' 'MUSTERFRAU',  
Read Line 'Hirstart' Count of words: '1' 'Hirstart',  
Read Line '2. ROSWITHA' Count of words: '2' '2.', 'ROSWITHA',  
Read Line '3. 32.12.1966 WIEN' Count of words: '3' '3.', '32.12.1966', 'WIEN',  
Read Line '4a.01.03.2006' Count of words: '1' '4a.01.03.2006',  
Read Line 'Pourle de Cenzales' Count of words: '3' 'Pourle', 'de', 'Cenzales',  
Read Line '4c BP WIEN' Count of words: '3' '4c', 'BP', 'WIEN',  
Read Line '5. BH 2324/23034034' Count of words: '3' '5.', 'BH', '2324/23034034',  
Read Line '06' Count of words: '1' '06',  
Read Line '9. A|' Count of words: '2' '9.', 'A|',  
Read Line 'B' Count of words: '1' 'B',  
Read Line 'CD A' Count of words: '2' 'CD', 'A',

#### Test 11

Scan Document

Count of Pages: '1'

Read Page

1: Unit 'pixel': H '574': W '880'

Count of Lines: '13'

Read Line 'B' Count of words: '1'

'B', '0.987%;

Read Line 'RIJBEWIJS . PERMIS DE CONDUIRE . FÜHRERSCHEIN . DRIVING LICENCE' Count of words: '10'

'RIJBEWIJS', '0.948%'; '!', '0.979%'; 'PERMIS', '0.979%'; 'DE', '0.987%'; 'CONDUIRE', '0.97%'; '!', '0.962%'; 'FÜHRERSCHEIN', '0.807%'; '!', '0.983%';  
'DRIVING', '0.982%'; 'LICENCE', '0.967%';  
Read Line '1. Sample' Count of words: '2'  
'1.', '0.951%'; 'Sample', '0.982%';  
Read Line '2. Victoria' Count of words: '2'  
'2.', '0.957%'; 'Victoria', '0.984%';  
Read Line '3. 01.06.1986 Liège' Count of words: '3'  
'3.', '0.983%'; '01.06.1986', '0.968%'; 'Liège', '0.906%';  
Read Line '4a. 01.05.2013' Count of words: '2'  
'4a.', '0.975%'; '01.05.2013', '0.978%';  
Read Line '/ 4c. Namur' Count of words: '3'  
'/', '0.746%'; '4c.', '0.986%'; 'Namur', '0.985%';  
Read Line '4b. 01.05.2023' Count of words: '2'  
'4b.', '0.941%'; '01.05.2023', '0.977%';  
Read Line '5. 0123456789' Count of words: '2'  
'5.', '0.979%'; '0123456789', '0.98%';  
Read Line '7.' Count of words: '1'  
'7.', '0.626%';  
Read Line 'Sp' Count of words: '1'  
'Sp', '0.76%';  
Read Line 'pecimen' Count of words: '1'  
'pecimen', '0.976%';  
Read Line '9, AM B C1 G' Count of words: '5'  
'9,', '0.813%'; 'AM', '0.988%'; 'B', '0.987%'; 'C1', '0.95%'; 'G', '0.98%';

## More Examples

For more images and scans see Document 'Euro Driving License Scans.docx'.

```
{\"version\": \"3.1.0\", \"barcodePDF417\": \"\", \"readResults\": {\"page\": 1, \"angle\": -0.1115, \"width\": 899.0, \"height\": 570.0, \"unit\": \"pixel\", \"lines\": {\"boundingBox\": [168.0, 21.0, 428.0, 20.0, 428.0, 42.0, 168.0, 42.0], \"text\": \"CBNAEACTBO  
3A\", \"words\": {\"boundingBox\": [170.0, 22.0, 381.0, 21.0, 381.0, 42.0, 169.0, 43.0], \"text\": \"CBNAEACTBO\", \"confidence\": 0.812}, {\"boundingBox\": [391.0, 21.0, 427.0, 21.0, 427.0, 43.0, 390.0, 42.0], \"text\": \"3A\", \"confidence\": 0.983}}, {\"boundingBox\": [559.0, 31.0, 833.0, 30.0, 833.0, 53.0, 559.0, 53.0], \"text\": \"PENY6ANKA  
6bATAPNA\", \"words\": {\"boundingBox\": [560.0, 32.0, 704.0, 31.0, 703.0, 54.0, 560.0, 53.0], \"text\": \"PENY6ANKA\", \"confidence\": 0.751}, {\"boundingBox\": [708.0, 31.0, 833.0, 31.0, 832.0, 53.0, 708.0, 54.0], \"text\": \"6bATAPNA\", \"confidence\": 0.576}}, {\"boundingBox\": [66.0, 48.0, 95.0, 48.0, 95.0, 64.0, 66.0, 64.0], \"text\": \"BG\", \"words\": {\"boundingBox\": [66.0, 48.0, 95.0, 48.0, 95.0, 64.0, 66.0, 64.0], \"text\": \"BG\", \"confidence\": 0.987}}, {\"boundingBox\": [168.0, 45.0, 432.0, 45.0, 432.0, 66.0, 168.0, 67.0], \"text\": \"YNPABAEHNE HA  
MIC\", \"words\": {\"boundingBox\": [171.0, 47.0, 328.0, 46.0, 328.0, 67.0, 171.0, 67.0], \"text\": \"YNPABAEHNE\", \"confidence\": 0.827}, {\"boundingBox\": [332.0, 46.0, 370.0, 46.0, 369.0, 67.0, 332.0, 67.0], \"text\": \"HA\", \"confidence\": 0.983}, {\"boundingBox\": [373.0, 46.0, 432.0, 46.0, 431.0, 67.0, 373.0, 67.0], \"text\": \"MIC\", \"confidence\": 0.61}}, {\"boundingBox\": [190.0, 69.0, 406.0, 69.0, 406.0, 88.0, 190.0, 88.0], \"text\": \"DRIVING  
LICENCE\", \"words\": {\"boundingBox\": [191.0, 70.0, 297.0, 69.0, 296.0, 89.0, 191.0, 89.0], \"text\": \"DRIVING\", \"confidence\": 0.982}, {\"boundingBox\": [305.0, 69.0, 406.0, 70.0, 405.0, 89.0, 305.0, 89.0], \"text\": \"LICENCE\", \"confidence\": 0.984}}, {\"boundingBox\": [566.0, 59.0, 823.0, 59.0, 823.0, 79.0, 566.0, 80.0], \"text\": \"REPUBLIC OF  
BULGARIA\", \"words\": {\"boundingBox\": [567.0, 61.0, 670.0, 59.0, 670.0, 80.0, 567.0, 81.0], \"text\": \"REPUBLIC\", \"confidence\": 0.98}, {\"boundingBox\": [674.0, 59.0, 706.0, 59.0, 706.0, 80.0, 674.0, 80.0], \"text\": \"OF\", \"confidence\": 0.984}, {\"boundingBox\": [709.0, 59.0, 823.0, 60.0, 823.0, 80.0, 709.0, 80.0], \"text\": \"BULGARIA\", \"confidence\": 0.708}}, {\"boundingBox\": [851.0, 107.0, 850.0, 428.0, 803.0, 428.0, 803.0, 107.0], \"text\": \"SPECIMEN\", \"words\": {\"boundingBox\": [851.0, 107.0, 850.0, 427.0, 803.0, 427.0, 803.0, 108.0], \"text\": \"SPECIMEN\", \"confidence\": 0.975}}, {\"boundingBox\": [298.0, 116.0, 321.0, 116.0, 321.0, 133.0, 299.0, 133.0], \"text\": \"1.\", \"words\": {\"boundingBox\": [299.0, 116.0, 321.0, 116.0, 321.0, 133.0, 299.0, 133.0], \"text\": \"1.\", \"confidence\": 0.954}}, {\"boundingBox\": [338.0, 113.0, 457.0, 113.0, 457.0, 133.0, 338.0, 133.0], \"text\": \"NBAHOBA\", \"words\": {\"boundingBox\": [339.0, 113.0, 457.0, 113.0, 457.0, 134.0, 339.0, 134.0], \"text\": \"NBAHOBA\", \"confidence\": 0.858}}, {\"boundingBox\": [340.0, 139.0, 444.0, 139.0, 444.0, 160.0, 340.0, 159.0], \"text\": \"IVANOVA\", \"words\": {\"boundingBox\": [341.0, 139.0, 443.0, 140.0, 443.0, 160.0, 341.0, 160.0], \"text\": \"IVANOVA\", \"confidence\": 0.83}}, {\"boundingBox\": [299.0, 166.0, 327.0, 166.0, 326.0, 184.0, 299.0, 184.0], \"text\": \"2.\", \"words\": {\"boundingBox\": [300.0, 166.0, 325.0, 166.0, 325.0, 184.0, 300.0, 184.0], \"text\": \"2.\", \"confidence\": 0.985}}, {\"boundingBox\": [332.0, 164.0, 440.0, 163.0, 440.0, 184.0, 332.0, 184.0], \"text\": \"MAPNUA\", \"words\": {\"boundingBox\": [337.0, 164.0, 440.0, 164.0, 440.0, 185.0, 337.0, 185.0], \"text\": \"MAPNUA\", \"confidence\": 0.735}}, {\"boundingBox\": [340.0, 188.0, 446.0, 188.0, 446.0, 209.0, 340.0, 209.0], \"text\": \"MARITSA\", \"words\": {\"boundingBox\": [341.0, 189.0, 446.0, 189.0, 446.0, 210.0, 341.0, 209.0], \"text\": \"MARITSA\", \"confidence\": 0.967}}, {\"boundingBox\": [338.0, 212.0, 454.0, 212.0, 454.0, 234.0, 338.0, 235.0], \"text\": \"PAAHEBA\", \"words\": {\"boundingBox\": [339.0, 213.0, 454.0, 213.0, 453.0, 235.0, 339.0, 235.0], \"text\": \"PAAHEBA\", \"confidence\": 0.704}}, {\"boundingBox\": [341.0, 238.0, 455.0, 238.0, 455.0, 259.0, 341.0, 259.0], \"text\": \"RADNEVA\", \"words\": {\"boundingBox\": [342.0, 239.0, 456.0, 239.0, 456.0, 259.0, 341.0, 259.0], \"text\": \"RADNEVA\", \"confidence\": 0.984}}, {\"boundingBox\": [299.0, 264.0, 323.0, 263.0, 323.0, 282.0, 299.0, 283.0], \"text\": \"3.\", \"words\": {\"boundingBox\": [299.0, 264.0, 321.0, 263.0, 322.0, 282.0, 299.0, 283.0], \"text\": \"3.\", \"confidence\": 0.63}}, {\"boundingBox\": [337.0, 261.0, 635.0, 260.0, 635.0, 282.0, 337.0, 283.0], \"text\": \"01.08.1985
```

COONA/SOFIA\", \"words\": [{\"boundingBox\": [338.0, 263.0, 461.0, 261.0, 461.0, 283.0, 339.0, 283.0], \"text\": \"01.08.1985\", \"confidence\": 0.98}, {\"boundingBox\": [471.0, 261.0, 635.0, 261.0, 634.0, 283.0, 471.0, 283.0], \"text\": \"COONA/SOFIA\", \"confidence\": 0.665}], {\"boundingBox\": [212.0, 304.0, 250.0, 303.0, 252.0, 343.0, 214.0, 343.0], \"text\": \"R\", \"words\": [{\"boundingBox\": [214.0, 303.0, 251.0, 303.0, 252.0, 342.0, 215.0, 343.0], \"text\": \"R\", \"confidence\": 0.742}], {\"boundingBox\": [299.0, 289.0, 457.0, 288.0, 457.0, 307.0, 300.0, 309.0], \"text\": \"4a\", \"confidence\": 0.939}, {\"boundingBox\": [341.0, 289.0, 456.0, 288.0, 456.0, 308.0, 341.0, 309.0], \"text\": \"19.01.2013\", \"confidence\": 0.968}], {\"boundingBox\": [573.0, 288.0, 733.0, 286.0, 733.0, 307.0, 573.0, 309.0], \"text\": \"4b\", \"confidence\": 0.983}, {\"boundingBox\": [615.0, 288.0, 733.0, 287.0, 734.0, 308.0, 616.0, 308.0], \"text\": \"19.01.2018\", \"confidence\": 0.562}], {\"boundingBox\": [300.0, 314.0, 492.0, 313.0, 493.0, 334.0, 301.0, 334.0], \"text\": \"4. MBP/Mol BGR\", \"words\": [{\"boundingBox\": [301.0, 316.0, 335.0, 315.0, 335.0, 334.0, 301.0, 333.0], \"text\": \"4.\", \"confidence\": 0.712}, {\"boundingBox\": [338.0, 315.0, 436.0, 314.0, 436.0, 335.0, 339.0, 334.0], \"text\": \"MBP/Mol\", \"confidence\": 0.721}, {\"boundingBox\": [440.0, 314.0, 491.0, 314.0, 491.0, 334.0, 440.0, 335.0], \"text\": \"BGR\", \"confidence\": 0.987}], {\"boundingBox\": [300.0, 338.0, 471.0, 338.0, 472.0, 357.0, 300.0, 358.0], \"text\": \"4c\", \"confidence\": 0.83}, {\"boundingBox\": [340.0, 339.0, 472.0, 339.0, 472.0, 358.0, 340.0, 358.0], \"text\": \"8508010133\", \"confidence\": 0.967}], {\"boundingBox\": [574.0, 339.0, 658.0, 337.0, 659.0, 357.0, 574.0, 359.0], \"text\": \"4e\", \"confidence\": 0.951}, {\"boundingBox\": [617.0, 339.0, 659.0, 337.0, 659.0, 358.0, 617.0, 358.0], \"text\": \"X/F\", \"confidence\": 0.714}], {\"boundingBox\": [299.0, 365.0, 526.0, 363.0, 526.0, 385.0, 299.0, 386.0], \"text\": \"41\", \"confidence\": 0.644}, {\"boundingBox\": [339.0, 365.0, 527.0, 364.0, 526.0, 386.0, 338.0, 386.0], \"text\": \"6bnrAPNA/BGR\", \"confidence\": 0.591}], {\"boundingBox\": [299.0, 413.0, 315.0, 414.0, 315.0, 432.0, 298.0, 432.0], \"text\": \"7.\", \"words\": [{\"boundingBox\": [299.0, 413.0, 314.0, 413.0, 314.0, 432.0, 299.0, 431.0], \"text\": \"7.\", \"confidence\": 0.939}], {\"boundingBox\": [637.0, 435.0, 858.0, 433.0, 858.0, 463.0, 638.0, 464.0], \"text\": \"5\", \"confidence\": 0.969}, {\"boundingBox\": [667.0, 436.0, 858.0, 433.0, 857.0, 464.0, 667.0, 464.0], \"text\": \"280000000\", \"confidence\": 0.981}], {\"boundingBox\": [17.0, 477.0, 50.0, 476.0, 51.0, 505.0, 18.0, 505.0], \"text\": \"M\", \"words\": [{\"boundingBox\": [34.0, 476.0, 49.0, 476.0, 50.0, 504.0, 34.0, 505.0], \"text\": \"M\", \"confidence\": 0.986}], {\"boundingBox\": [177.0, 469.0, 361.0, 468.0, 361.0, 489.0, 177.0, 490.0], \"text\": \"8.COONA/SOFIA\", \"words\": [{\"boundingBox\": [179.0, 471.0, 361.0, 469.0, 360.0, 490.0, 180.0, 491.0], \"text\": \"8.COONA/SOFIA\", \"confidence\": 0.851}], {\"boundingBox\": [183.0, 503.0, 854.0, 503.0, 854.0, 527.0, 183.0, 528.0], \"text\": \"9.AM,A1,A2,A,B1,B,C1,C,D1,D,BE,C1E,CE,D1E,DE,Ttm,Tkt \*\", \"words\": [{\"boundingBox\": [183.0, 505.0, 838.0, 505.0, 838.0, 527.0, 183.0, 528.0], \"text\": \"9.AM,A1,A2,A,B1,B,C1,C,D1,D,BE,C1E,CE,D1E,DE,Ttm,Tkt\", \"confidence\": 0.72}, {\"boundingBox\": [843.0, 505.0, 855.0, 505.0, 855.0, 527.0, 843.0, 527.0], \"text\": \"\*\", \"confidence\": 0.983}]}]

AML: Proof of Address

Missing.

No service, no models, no mediator.

## VAT Registration: Avask Authorisation Letter

Existing skeleton code, enhance.

Check for letter to HMRC, VAT Registration; Avask Appointed.

Line 1 Start: 'HM Revenue & Customs'.

Line 2 Start: 'VAT Registrations'.

Line 3/4 Contains: 'AVASK Appointed'.

Examples: End to End Testing

Valid document parsed OK.

← → ↻ localhost:44302/IDCard?doctype=vat-registration&docname=authorisation&filename=Avask-Auth.pdf

### **ID-Card reader**

Doc Name = 'authorisation'

File Name = 'C:/Ace/KBD/Temp/Avask-Auth.pdf'

Response Count = 0

ID-Card Fields

Name: 'Avask Authorisation', Value: 'Accepted'

end

Invalid document rejected.

← → ↻ localhost:44302/IDCard?doctype=vat-registration&docname=authorisation&filename=HMRC-648.png

### **ID-Card reader**

Doc Name = 'authorisation'

File Name = 'C:/Ace/KBD/Temp/HMRC-648.png'

Response Count = 0

ID-Card Fields

Name: 'Exception', Value: 'Form not for HMRC'

end

## VAT Registration: HMRC Authorisation 64-8

Existing skeleton code, enhance.

Check for gov. header and '64-8' footer.

Line 1 Start: 'HM Revenue'.

Line 2 Start: '& Customs'.

Line 2/3 Finish: 'Authorising your agent'.

Last Line Start: '64-8'.

Examples: End to End Testing

Valid document parsed OK.

```
localhost:44302/IDCard?doctype=vat-registration&docname=648&filename=HMRC-648.png
ID-Card reader
Doc Name = '648'
File Name = 'C:/Ace/KBD/Temp/HMRC-648.png'
Response Count = 0
ID-Card Fields
Name: 'HMRC Authorisation', Value: 'Accepted'
end
```

Invalid document rejected.

```
localhost:44302/IDCard?doctype=vat-registration&docname=648&filename=Avask-Auth.pdf
ID-Card reader
Doc Name = '648'
File Name = 'C:/Ace/KBD/Temp/Avask-Auth.pdf'
Response Count = 0
ID-Card Fields
Name: 'Exception', Value: 'Form not from HMRC: line 2'
end
```

# VAT Registration: Test Letter Images

HMRC-648.png

HM Revenue & Customs

VAT Registrations

United Kingdom

**Re: AVASK Appointed as UK Agent – Authorization Letter**

Dear Sir/Madam

I, \_\_\_\_\_ of \_\_\_\_\_

hereby appoint AVASK Accounting & Business Consultants Ltd of OCEANA HOUSE, FIRST FLOOR, 39-49 COMMERCIAL ROAD, SOUTHAMPTON, HAMPSHIRE, SO15 1GA to act as agents for the purpose of dealing with all their legal obligations in respect of VAT.

This letter authorises the above-named agent to submit VAT returns (VAT100) and any other document needed for the purpose of enabling the agent or employee to comply with the VAT obligations of the principal.

Please do not hesitate to contact me if you have any questions.

Signed:

\_\_\_\_\_  
Sign Here

Date:

Avask-Auth.png



# Co-Mingle-Amazon and VAT

Some sort of bill/receipt to scan.

VAT liabilities for Amazon commingling 'buy' and 'sell'.

## Questions

*Wed 13 Jan 2021*

What about 'drop shipping'?

Are we ever going to get more than a single Invoice/Credit-Note statement in a document?

Are we ever going to get more than 1 'Inventory Transfer' in a statement?

Are we ever going to get a VAT zero-rate 'Inventory Transfer' item in a statement?

*next*

Document formats?

Statement or Details?

Which languages to support? (IEFT BCP-47)

## Amazon Regs

If you participate in the FBA Commingling programme, items in your inventory may be swapped with identical items owned by Amazon Retail or other FBA Sellers who have also elected to participate in the programme.

When an order is fulfilled with a commingled item, two (additional) VAT transactions must be reported:

"Commingling\_Sell": Payable VAT related to the disposal of a product to another FBA seller (or Amazon Retail), participating in the Commingling Programme.

"Commingling\_Buy": Input VAT related to the acquisition of a product from another FBA seller (or Amazon Retail), participating in the Commingling Programme.

## Supported Languages

ar, cs, da, de, el, en, es, fi, fr, he, hi, hu, id, it, ja, ko, nl, no, pl, pt, ro, ru, sk, sv, th, tr, zh.

ar- Arabic  
cs Czech  
da Danish  
de German  
el Modern Greek  
en English  
es Spanish  
fi Finnish  
fr French  
he Hebrew  
hi Hindi  
hu Hungarian  
id Indonesian  
it Italian  
ja Japanese  
ko Korean  
nl Dutch  
no Norwegian  
pl Polish  
pt Portuguese  
ro Romanian  
ru Russian  
sk Slovak  
sv Swedish  
th Thai  
tr Turkish  
zh Chinese

## Document Formats

**Images:** either scanned or photographs; requires OCR to extract data, then parse and populate model(s).

**Locked PDF:** requires OCR to extract data, then parse and populate model(s).

**Machine Readable PDF:** read data, parse and populate model(s).

**Word Document:** open as XML, read data, parse and populate model(s).

**TIFF Document:** requires OCR to extract data, then parse and populate model(s).

Easier to use OCR for all except DOCX, where we can open as XML and read directly.

OCR output uses pixel sizes (integer), except for PDF which uses Inch sizes (double/float).

## Document Files Data Extraction

1. Filename
2. Languages Used
3. Anchors
  - 3.1. Invoice / Credit Note
  - 3.2. VAT Number
  - 3.3. Business Address
  - 3.4. VAT Number
  - 3.5. Invoice Number
  - 3.6. Invoice Date
  - 3.7. Inventory Transfer / Stock Transfer
  - 3.8. Total [single line / dual line]
  - 3.9. Note
4. Data Extraction
  - 4.1. Source Business Name text
  - 4.2. Source Country Name or Code text
  - 4.3. Source VAT Number VAT Format
  - 4.4. Destination Business Name text
  - 4.5. Destination Country Name or Code text
  - 4.6. Destination VAT Number vat number
  - 4.7. Invoice Number text
  - 4.8. Invoice Date date [dd/mm/ccyy]
  - 4.9. Sub-Total Currency [repeat] 3 letter code
  - 4.10. Sub-Total Amount [repeat] number (2dp)
  - 4.11. VAT Rate (%) [repeat] number (2dp)
  - 4.12. VAT Currency [repeat] 3 letter code
  - 4.13. VAT Amount [repeat] number (2dp)
  - 4.14. Total Currency [single / dual] 3 letter code
  - 4.15. Total Amount [single / dual] number (2dp)
  - 4.16. Detail Info Filename (similar to document filename)
5. Processes
  - 5.1. Parse VAT Number
  - 5.2. Parse Invoice Number
  - 5.3. Parse Invoice Date
  - 5.4. Parse Currency Code / Amount
  - 5.5. Compare Filenames, Invoice Number and Date
6. Anchor Dictionaries / Data-Set
7. Document File Types
  - 7.1. PDF
  - 7.2. DOCX
  - 7.3. Image

## ORC Response

```
{
  "status": "succeeded",
  "createdDateTime": "2021-01-08T13:40:17Z",
  "lastUpdatedDateTime": "2021-01-08T13:40:18Z",
  "analyzeResult": {
    "version": "3.1.0",
    "readResults": {
      [{"page": 1, "angle": 0, "width": 8.5, "height": 11, "unit": "inch",
        "lines": [
          [{"boundingBox": [6.6597, 0.6441, 7.89, 0.6441, 7.89, 0.8801, 6.6597, 0.8801], "text": "INVOICE", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.6597, 0.6441, 7.89, 0.6441, 7.89, 0.8801, 6.6597, 0.8801], "text": "INVOICE", "confidence": 1}],
          [{"boundingBox": [6.0072, 1.1115, 7.9072, 1.1115, 7.9072, 1.231, 6.0072, 1.231], "text": "Amazon Services Europe S.à", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.0072, 1.1115, 6.4827, 1.1115, 6.4827, 1.2069, 6.0072, 1.2069], "text": "Amazon", "confidence": 1}, {"boundingBox": [6.5305, 1.1132, 7.0352, 1.1132, 7.0352, 1.2075, 6.5305, 1.2075], "text": "Services", "confidence": 1}, {"boundingBox": [7.0841, 1.1155, 7.5017, 1.1155, 7.5017, 1.231, 7.0841, 1.231], "text": "Europe", "confidence": 1}, {"boundingBox": [7.5448, 1.1115, 7.724, 1.1115, 7.724, 1.2075, 7.5448, 1.2075], "text": "S.à", "confidence": 1}, {"boundingBox": [7.7703, 1.1155, 7.9072, 1.1155, 7.9072, 1.2053, 7.7703, 1.2053], "text": "r.l.", "confidence": 1}],
          [{"boundingBox": [6.2373, 1.2644, 7.8781, 1.2644, 7.8781, 1.3808, 6.2373, 1.3808], "text": "38 avenue John F.", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.2373, 1.2654, 6.3689, 1.2654, 6.3689, 1.3564, 6.2373, 1.3564], "text": "38", "confidence": 1}, {"boundingBox": [6.4113, 1.2859, 6.8349, 1.2859, 6.8349, 1.3558, 6.4113, 1.3558], "text": "avenue", "confidence": 1}, {"boundingBox": [6.8759, 1.2644, 7.1636, 1.2644, 7.1636, 1.3563, 6.8759, 1.3563], "text": "John", "confidence": 1}, {"boundingBox": [7.216, 1.2644, 7.3096, 1.2644, 7.3096, 1.3542, 7.216, 1.3542], "text": "F.", "confidence": 1}, {"boundingBox": [7.3633, 1.2644, 7.8781, 1.2644, 7.8781, 1.3808, 7.3633, 1.3808], "text": "Kennedy", "confidence": 1}],
          [{"boundingBox": [7.4949, 1.4133, 7.8764, 1.4133, 7.8764, 1.5053, 7.4949, 1.5053], "text": "L-1855", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [7.4949, 1.4133, 7.8764, 1.4133, 7.8764, 1.5053, 7.4949, 1.5053], "text": "L-1855", "confidence": 1}],
          [{"boundingBox": [7.1339, 1.5623, 7.8742, 1.5623, 7.8742, 1.6791, 7.1339, 1.6791], "text": "Luxembourg", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [7.1339, 1.5623, 7.8742, 1.5623, 7.8742, 1.6791, 7.1339, 1.6791], "text": "Luxembourg", "confidence": 1}],
          [{"boundingBox": [6.2722, 1.7112, 7.912, 1.7112, 7.912, 1.8032, 6.2722, 1.8032], "text": "VAT Number: GB190023639", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.2722, 1.7112, 6.5182, 1.7112, 6.5182, 1.801, 6.2722, 1.801], "text": "VA", "confidence": 1}, {"boundingBox": [6.5632, 1.7112, 7.0571, 1.7112, 7.0571, 1.8026, 6.5632, 1.8026], "text": "Number:", "confidence": 1}, {"boundingBox": [7.1087, 1.7112, 7.912, 1.7112, 7.912, 1.8032, 7.1087, 1.8032], "text": "GB190023639", "confidence": 1}],
          [{"boundingBox": [0.6241, 2.0308, 1.7355, 2.0308, 1.7355, 2.123, 0.6241, 2.123], "text": "Business Address:", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6241, 2.0308, 1.1657, 2.0308, 1.1657, 2.123, 0.6241, 2.123], "text": "Business", "confidence": 1}, {"boundingBox": [1.2076, 2.0316, 1.7355, 2.0316, 1.7355, 2.123, 1.2076, 2.123], "text": "Address:", "confidence": 1}],
          [{"boundingBox": [0.6253, 2.2157, 1.6827, 2.2157, 1.6827, 2.31, 0.6253, 2.31], "text": "Ferrari Granulati", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6253, 2.218, 0.9742, 2.218, 0.9742, 2.3095, 0.6253, 2.3095], "text": "Ferrari", "confidence": 1}, {"boundingBox": [1.0233, 2.2157, 1.5161, 2.2157, 1.5161, 2.31, 1.0233, 2.31], "text": "Granulati", "confidence": 1}, {"boundingBox": [1.5632, 2.218, 1.6827, 2.218, 1.6827, 2.3095, 1.5632, 2.3095], "text": "srl", "confidence": 1}],
          [{"boundingBox": [0.6177, 2.4016, 1.654, 2.4016, 1.654, 2.496, 0.6177, 2.496], "text": "4 Carlton Crescent", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6177, 2.4059, 0.68, 2.4059, 0.68, 2.4938, 0.6177, 2.4938], "text": "4", "confidence": 1}, {"boundingBox": [0.7243, 2.4016, 1.1136, 2.4016, 1.1136, 2.496, 0.7243, 2.496], "text": "Carlton", "confidence": 1}, {"boundingBox": [1.162, 2.4016, 1.654, 2.4016, 1.654, 2.496, 1.162, 2.496], "text": "Crescent", "confidence": 1}],
          [{"boundingBox": [0.6207, 2.5459, 1.35, 2.5459, 1.35, 2.6638, 0.6207, 2.6638], "text": "Southampton", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6207, 2.5459, 1.35, 2.5459, 1.35, 2.6638, 0.6207, 2.6638], "text": "Southampton", "confidence": 1}],
          [{"boundingBox": [0.6242, 2.6902, 1.8425, 2.6902, 1.8425, 2.8081, 0.6242, 2.8081], "text": "Hampshire/SO15 2EY", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6242, 2.6902, 1.568, 2.6902, 1.568, 2.8081, 0.6242, 2.8081], "text": "Hampshire/SO15", "confidence": 1}, {"boundingBox": [1.6112, 2.6926, 1.8425, 2.6926, 1.8425, 2.7824, 1.6112, 2.7824], "text": "2EY", "confidence": 1}],
          [{"boundingBox": [0.6206, 2.8344, 0.7902, 2.8344, 0.7902, 2.9288, 0.6206, 2.9288], "text": "GB", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6206, 2.8344, 0.7902, 2.8344, 0.7902, 2.9288, 0.6206, 2.9288], "text": "GB", "confidence": 1}],
          [{"boundingBox": [0.6171, 3.0204, 2.2078, 3.0204, 2.2078, 3.1147, 0.6171, 3.1147], "text": "VAT Number: GB320568910", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6171, 3.0228, 0.856, 3.0228, 0.856, 3.1125, 0.6171, 3.1125], "text": "VA", "confidence": 1}, {"boundingBox": [0.902, 3.0228, 1.3608, 3.0228, 1.3608, 3.1142, 0.902, 3.1142], "text": "Number:", "confidence": 1}, {"boundingBox": [1.4125, 3.0204, 2.2078, 3.0204, 2.2078, 3.1147, 1.4125, 3.1147], "text": "GB320568910", "confidence": 1}],
          [{"boundingBox": [0.6226, 3.3755, 2.945, 3.3755, 2.945, 3.4699, 0.6226, 3.4699], "text": "Invoice Number: GB-ASE-2019-1563676", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6226, 3.377, 1.0418, 3.377, 1.0418, 3.4693, 0.6226, 3.4693], "text": "Invoice", "confidence": 1}, {"boundingBox": [1.0887, 3.3779, 1.5826, 3.3779, 1.5826, 3.4693, 1.0887, 3.4693], "text": "Number:", "confidence": 1}, {"boundingBox": [1.6356, 3.3755, 2.945, 3.3755, 2.945, 3.4699, 1.6356, 3.4699], "text": "GB-ASE-2019-1563676", "confidence": 1}],
          [{"boundingBox": [6.4544, 3.3755, 7.88, 3.3755, 7.88, 3.4699, 6.4544, 3.4699], "text": "Invoice Date: 30/11/2019", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.4544, 3.377, 6.8736, 3.377, 6.8736, 3.4693, 6.4544, 3.4693], "text": "Invoice", "confidence": 1}, {"boundingBox": [6.9214, 3.3779, 7.213, 3.3779, 7.213, 3.4693, 6.9214, 3.4693], "text": "Date:", "confidence": 1}, {"boundingBox": [7.264, 3.3755, 7.88, 3.3755, 7.88, 3.4699, 7.264, 3.4699], "text": "30/11/2019", "confidence": 1}],
          [{"boundingBox": [0.6075, 3.5697, 1.2053, 3.5697, 1.2053, 3.6735, 0.6075, 3.6735], "text": "Description", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6075, 3.5697, 1.2053, 3.5697, 1.2053, 3.6735, 0.6075, 3.6735], "text": "Description", "confidence": 1}],
          [{"boundingBox": [2.7305, 3.5684, 3.9886, 3.5684, 3.9886, 3.6735, 2.7305, 3.6735], "text": "Subtotal (VAT Exclusive)", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [2.7305, 3.5684, 3.1645, 3.5684, 3.1645, 3.6526, 2.7305, 3.6526], "text": "Subtotal", "confidence": 1}, {"boundingBox": [3.2105, 3.5688, 3.4554, 3.5688, 3.4554, 3.6735, 3.2105, 3.6735], "text": "(VAT", "confidence": 1}, {"boundingBox": [3.4976, 3.5688, 3.9886, 3.5688, 3.9886, 3.6735, 3.4976, 3.6735], "text": "Exclusive)", "confidence": 1}],
          [{"boundingBox": [5.8057, 3.5705, 6.1523, 3.5705, 6.1523, 3.6526, 5.8057, 3.6526], "text": "VAT %", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [5.8057, 3.5705, 6.0252, 3.5705, 6.0252, 3.6506, 5.8057, 3.6506], "text": "VAT", "confidence": 1}, {"boundingBox": [6.0619, 3.5722, 6.1523, 3.5722, 6.1523, 3.6526, 6.0619, 3.6526], "text": "%", "confidence": 1}],
          [{"boundingBox": [6.7157, 3.5705, 6.9352, 3.5705, 6.9352, 3.6506, 6.7157, 3.6506], "text": "VAT", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.7157, 3.5705, 6.9352, 3.5705, 6.9352, 3.6506, 6.7157, 3.6506], "text": "VAT", "confidence": 1}],
          [{"boundingBox": [0.6092, 3.7298, 1.4667, 3.7298, 1.4667, 3.8347, 0.6092, 3.8347], "text": "Inventory transfer", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.6092, 3.7309, 1.0565, 3.7309, 1.0565, 3.8347, 0.6092, 3.8347], "text": "Inventory", "confidence": 1}, {"boundingBox": [1.0903, 3.7298, 1.4667, 3.7298, 1.4667, 3.8125, 1.0903, 3.8125], "text": "transfer", "confidence": 1}]}]}]}

```

{"boundingBox": [5.2324, 3.7288, 5.7672, 3.7288, 5.7672, 3.813, 5.2324, 3.813], "text": "GBP  
 28.32", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [5.2324, 3.7288, 5.4576, 3.7288, 5.4576, 3.813, 5.2324, 3.813], "text": "GBP", "confidence": 1}, {"boundingBox": [5.4965, 3.7326, 5.7672, 3.7326, 5.7672, 3.813, 5.4965, 3.813], "text": "28.32", "confidence": 1}],  
 {"boundingBox": [6.4061, 3.7326, 6.678, 3.7326, 6.678, 3.813, 6.4061, 3.813], "text": "20.00", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.4061, 3.7326, 6.678, 3.7326, 6.678, 3.813, 6.4061, 3.813], "text": "20.00", "confidence": 1}],  
 {"boundingBox": [7.4231, 3.7288, 7.8971, 3.7288, 7.8971, 3.813, 7.4231, 3.813], "text": "GBP  
 5.66", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [7.4231, 3.7288, 7.6483, 3.7288, 7.6483, 3.813, 7.4231, 3.813], "text": "GBP", "confidence": 1}, {"boundingBox": [7.6879, 3.7326, 7.8971, 3.7326, 7.8971, 3.813, 7.6879, 3.813], "text": "5.66", "confidence": 1}],  
 {"boundingBox": [6.275, 3.8955, 6.6722, 3.8955, 6.6722, 3.9776, 6.275, 3.9776], "text": "TOTAL:", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [6.275, 3.8955, 6.6722, 3.8955, 6.6722, 3.9776, 6.275, 3.9776], "text": "TOTAL:", "confidence": 1}],  
 {"boundingBox": [7.4231, 3.8892, 7.8971, 3.8892, 7.8971, 3.9734, 7.4231, 3.9734], "text": "GBP  
 5.66", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [7.4231, 3.8892, 7.6483, 3.8892, 7.6483, 3.9734, 7.4231, 3.9734], "text": "GBP", "confidence": 1}, {"boundingBox": [7.6879, 3.893, 7.8971, 3.893, 7.8971, 3.9734, 7.6879, 3.9734], "text": "5.66", "confidence": 1}],  
 {"boundingBox": [0.5952, 4.4041, 6.7304, 4.4041, 6.7304, 4.5221, 0.5952, 4.5221], "text": "NOTE: Please see addendum Ref GB-ASE-2019-1563676.csv for detail level information", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [0.5952, 4.4041, 1.0472, 4.4041, 1.0472, 4.5221, 0.5952, 4.5221], "text": "NOTE:", "confidence": 1}, {"boundingBox": [1.1177, 4.4071, 1.5757, 4.4071, 1.5757, 4.5215, 1.1177, 4.5215], "text": "Please", "confidence": 1}, {"boundingBox": [1.6304, 4.4352, 1.871, 4.4352, 1.871, 4.5215, 1.6304, 4.5215], "text": "see", "confidence": 1}, {"boundingBox": [1.9263, 4.4071, 2.649, 4.4071, 2.649, 4.5215, 1.9263, 4.5215], "text": "addendum", "confidence": 1}, {"boundingBox": [2.7161, 4.4056, 2.943, 4.4056, 2.943, 4.5215, 2.7161, 4.5215], "text": "Ref", "confidence": 1}, {"boundingBox": [2.9965, 4.4041, 4.9157, 4.4041, 4.9157, 4.5221, 2.9965, 4.5221], "text": "GB-ASE-2019-1563676.csv", "confidence": 1}, {"boundingBox": [4.9626, 4.4056, 5.1426, 4.4056, 5.1426, 4.5213, 4.9626, 4.5213], "text": "for", "confidence": 1}, {"boundingBox": [5.1916, 4.4071, 5.5491, 4.4071, 5.5491, 4.5215, 5.1916, 4.5215], "text": "detail", "confidence": 1}, {"boundingBox": [5.6135, 4.4071, 5.9138, 4.4071, 5.9138, 4.5215, 5.6135, 4.5215], "text": "level", "confidence": 1}, {"boundingBox": [5.9782, 4.4056, 6.7304, 4.4056, 6.7304, 4.5215, 5.9782, 4.5215], "text": "information", "confidence": 1}],  
 {"boundingBox": [2.7818, 10.4742, 5.6927, 10.4742, 5.6927, 10.5489, 2.7818, 10.5489], "text": "Amazon Services Europe S.à r.l., 38 avenue John F. Kennedy, L-1855, Luxembourg", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [2.7818, 10.4757, 3.0624, 10.4757, 3.0624, 10.5329, 2.7818, 10.5329], "text": "Amazon", "confidence": 1}, {"boundingBox": [3.0931, 10.4742, 3.3862, 10.4742, 3.3862, 10.5332, 3.0931, 10.5332], "text": "Services", "confidence": 1}, {"boundingBox": [3.4175, 10.4757, 3.6598, 10.4757, 3.6598, 10.5479, 3.4175, 10.5479], "text": "Europe", "confidence": 1}, {"boundingBox": [3.6885, 10.4742, 3.7992, 10.4742, 3.7992, 10.5332, 3.6885, 10.5332], "text": "S.à", "confidence": 1}, {"boundingBox": [3.8298, 10.4757, 3.9255, 10.4757, 3.9255, 10.5432, 3.8298, 10.5432], "text": "r.l.", "confidence": 1}, {"boundingBox": [3.9567, 10.4768, 4.038, 10.4768, 4.038, 10.5332, 3.9567, 10.5332], "text": "38", "confidence": 1}, {"boundingBox": [4.0656, 10.4897, 4.3161, 10.4897, 4.3161, 10.5329, 4.0656, 10.5329], "text": "avenue", "confidence": 1}, {"boundingBox": [4.3423, 10.4757, 4.5054, 10.4757, 4.5054, 10.5332, 4.3423, 10.5332], "text": "John", "confidence": 1}, {"boundingBox": [4.539, 10.4757, 4.595, 10.4757, 4.595, 10.5318, 4.539, 10.5318], "text": "F.", "confidence": 1}, {"boundingBox": [4.6294, 10.4757, 4.947, 10.4757, 4.947, 10.5485, 4.6294, 10.5485], "text": "Kennedy", "confidence": 1}, {"boundingBox": [4.9816, 10.4757, 5.2339, 10.4757, 5.2339, 10.5432, 4.9816, 10.5432], "text": "L-1855", "confidence": 1}, {"boundingBox": [5.2684, 10.4757, 5.6927, 10.4757, 5.6927, 10.5489, 5.2684, 10.5489], "text": "Luxembourg", "confidence": 1}],  
 {"boundingBox": [7.6058, 10.5654, 7.9843, 10.5654, 7.9843, 10.6395, 7.6058, 10.6395], "text": "Page 1 of 1", "appearance": {"style": "print", "styleConfidence": 1}, "words": [{"boundingBox": [7.6058, 10.5662, 7.7785, 10.6395, 7.6058, 10.6395], "text": "Page", "confidence": 1}, {"boundingBox": [7.8115, 10.5674, 7.8317, 10.5674, 7.8317, 10.6224], "text": "1", "confidence": 1}, {"boundingBox": [7.8718, 10.5654, 7.9331, 10.5654, 7.9331, 10.6234, 7.8718, 10.6234], "text": "of", "confidence": 1}, {"boundingBox": [7.9641, 10.5674, 7.9843, 10.5674, 7.9843, 10.6224, 7.9641, 10.6224], "text": "1", "confidence": 1}]]]}

## Language Dictionary

[{"countryCode": "GBR", "nextList": [{"nextAnchor": "none"}, {"nextAnchor": "Invoice", "anchor": "invoice", "anchor2": "credit note"}, {"nextAnchor": "VatNo1", "anchor": "vat number:"}, {"nextAnchor": "BusAdds", "anchor": "business address:"}, {"nextAnchor": "VatNo2", "anchor": "vat number:"}, {"nextAnchor": "InvNo", "anchor": "invoice number:"}, {"nextAnchor": "InvDate", "anchor": "invoice date:"}, {"nextAnchor": "Transfer", "anchor": "inventory transfer"}, {"nextAnchor": "Total", "anchor": "total:"}, {"nextAnchor": "Note", "anchor": "note"}]}, {"countryCode": "DEU", "nextList": [{"nextAnchor": "none"}, {"nextAnchor": "Invoice", "anchor": "rechnung", "anchor2": "gutschrift"}, {"nextAnchor": "VatNo1", "anchor": "ust-id:"}, {"nextAnchor": "BusAdds", "anchor": "geschäftsanschrift:"}, {"nextAnchor": "VatNo2", "anchor": "ust-id:"}, {"nextAnchor": "InvNo", "anchor": "rechnungsnummer:"}, {"nextAnchor": "InvDate", "anchor": "rechnungsdatum:"}, {"nextAnchor": "Transfer", "anchor": "bestandsübertragung"}, {"nextAnchor": "Total", "anchor": "gesamt:"}, {"nextAnchor": "Note", "anchor": "hinweis"}]}

## Json Anchor Model Dictionary

All anchor texts to be lower-case

```
$$$'nextAnchor':{NextAnchor.none}, 'anchors':['none']}},"  
$$$'nextAnchor':{NextAnchor.Invoice}, 'anchors':['invoice', 'credit note', 'self-billing invoice', 'credit', 'bill', 'self-billing', 'invoicing by the  
recipient']}},";  
$$$'nextAnchor':{NextAnchor.VatNo1}, 'anchors':['vat number:', 'ust-id:', 'ust id:']}},";  
$$$'nextAnchor':{NextAnchor.BusAdds}, 'anchors':['business address:']}},";  
$$$'nextAnchor':{NextAnchor.VatNo2}, 'anchors':['vat number:', 'ust-id:', 'ust id:']}},";  
$$$'nextAnchor':{NextAnchor.InvNo}, 'anchors':['invoice number:', 'bill number:']}},";  
$$$'nextAnchor':{NextAnchor.InvDate}, 'anchors':['invoice date:', 'order date:']}},";  
$$$'nextAnchor':{NextAnchor.Transfer}, 'anchors':['inventory transfer']}},";  
$$$'nextAnchor':{NextAnchor.Total}, 'anchors':['total:']}},";  
$$$'nextAnchor':{NextAnchor.Note}, 'anchors':['note']}}";
```

## Output from OCR

```
{'status':'succeeded', 'analyzeResult':{'version':'3.0.0', 'readResults':[{'page':1, 'detectedLanguage':'de', 'detectedLanguageScore':0.93, 'lines':[{'text':'Credit'}, {'text':'GIORGETTI GIORGIO SRL'}, {'text':'VIA SAN CRISPINO, 88'}, {'text':'SAN MAURO PASCOLI/FORLI-CESENA/47030'}, {'text':'It'}, {'text':'UST ID: PL5263286858'}, {'text':'Business address:'}, {'text':'Amazon Services Europe S.A. r.l.'}, {'text':'38 avenue John F. Kennedy'}, {'text':'L-1855'}, {'text':'Luxembourg'}, {'text':'UST ID: PL5263151041'}, {'text':'Invoice number: PL-136804241-2020-5'}, {'text':'Invoice date: 31/10/2020'}, {'text':'Description'}, {'text':'Subtotal (excluding VAT)'}, {'text':'Vat. %'}, {'text':'Value added tax amount'}, {'text':'Inventory transfer'}, {'text':'EUR 5,767.02'}, {'text':'23,00'}, {'text':'EUR 1,326.73'}, {'text':'Total:'}, {'text':'EUR 1,326.73'}, {'text':'Total:'}, {'text':'PLN 6,011.96'}, {'text':'NOTE: For details on the level of detail, see the appendix Ref PL-136804241-2020-5.csv'}, {'text':'GIORGETTI GIORGIO SRL. VIA SAN CRISPINO, 88. SAN MAURO PASCOLI. FORLI-CESENA, 47030, IT'}, {'text':'Credit - Articles 224 and 226(10a) Directive 2006/1 12/EC. As a service provider, they are required to clear the reported sales tax against your financial officer.'}], 'page':1}, {'page':2, 'detectedLanguage':'en', 'detectedLanguageScore':0.96, 'lines':[{'text':'INVOICE'}, {'text':'Amazon Services Europe S.à r.l.'}, {'text':'38 avenue John F. Kennedy'}, {'text':'L-1855'}, {'text':'Luxembourg'}, {'text':'VAT Number: GB190023639'}, {'text':'Business Address:'}, {'text':'GIORGETTI GIORGIO SRL'}, {'text':'VIA SAN CRISPINO, 88'}, {'text':'SAN MAURO PASCOLI/FORLI-CESENA/47030'}, {'text':'IT'}, {'text':'VAT Number: GB337856757'}, {'text':'Invoice Number: GB-ASE-2020-1370262'}, {'text':'Invoice Date: 31/10/2020'}, {'text':'Description'}, {'text':'Subtotal (VAT Exclusive)'}, {'text':'VAT %'}, {'text':'VAT'}, {'text':'Inventory transfer'}, {'text':'GBP 7,542.74'}, {'text':'20,00'}, {'text':'GBP 1,508.43'}, {'text':'TOTAL:'}, {'text':'GBP 1,508.43'}, {'text':'NOTE: Please see addendum Ref GB-ASE-2020-1370262.csv for detail level information'}, {'text':'Amazon Services Europe S.a. r.l. , 38 avenue John F. Kennedy. L-1855, Luxembourg'}, {'text':'Page 1 of 1'}}]]]}
```

## Fed into Translator

12\_1

```
<div>GUTSCHRIFT</div><div>GIORGETTI GIORGIO SRL</div><div>VIA SAN CRISPINO, 88</div><div>SAN MAURO PASCOLI/FORLI'-CESENA/47030</div><div>IT</div><div>UST-ID: PL5263286858</div><div>Geschäftsanschrift:</div><div>Amazon Services Europe S.à r.l.</div><div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxemburg</div><div>UST-ID: PL5263151041</div><div>Rechnungsnummer: PL-136804241-2020-5</div><div>Rechnungsdatum: 31/10/2020</div><div>Beschreibung</div><div>Zwischensumme (ohne Ust.)</div><div>USt. %</div><div>Umsatzsteuer betrag</div><div>Bestandsübertragung</div><div>EUR 5.767,02</div><div>23,00</div><div>EUR 1.326,73</div><div>GESAMT:</div><div>EUR 1.326,73</div><div>GESAMT:</div><div>PLN 6.011,96</div><div>HINWEIS: Informationen zur Detailebene finden Sie im Anhang Ref PL-136804241-2020-5.csv</div><div>GIORGETTI GIORGIO SRL. VIA SAN CRISPINO, 88. SAN MAURO PASCOLI. FORLI-CESENA, 47030, IT</div><div>Gutschrift - Artikel 224 und 226(10a) Richtlinie 2006/1 12/EC. Als Leistungserbringer sind sie verpflichtet, the ausgewiesene Umsatzsteuer gegenüber Ihrem Finanzant zu erklären.</div><div>Seite 1 von 1</div>
```

```
<div>Credit</div><div>GIORGETTI GIORGIO SRL</div><div>VIA SAN CRISPINO, 88</div><div>SAN MAURO PASCOLI/FORLI'-CESENA/47030</div><div>It</div><div>UST ID: PL5263286858</div><div>Business address:</div><div>Amazon Services Europe S.A. r.l.</div><div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxembourg</div><div>UST ID: PL5263151041</div><div>Invoice number: PL-136804241-2020-5</div><div>Invoice date: 31/10/2020</div><div>Description</div><div>Subtotal (excluding VAT)</div><div>Vat. %</div><div>Value added tax amount</div><div>Inventory transfer</div><div>EUR 5,767.02</div><div>23,00</div><div>EUR 1,326.73</div><div>Total:</div><div>EUR 1,326.73</div><div>Total:</div><div>PLN 6,011.96</div><div>NOTE: For details on the level of detail, see the appendix Ref PL-136804241-2020-5.csv</div><div>GIORGETTI GIORGIO SRL. VIA SAN CRISPINO, 88. SAN MAURO PASCOLI. FORLI-CESENA, 47030, IT</div><div>Credit - Articles 224 and 226(10a) Directive 2006/1 12/EC. As a service provider, they are required to clear the reported sales tax against your financial officer.</div><div>Page 1 of 1</div>
```

## Parsed Examples

### Original

# INVOICE

Amazon Services Europe S.à r.l.  
38 avenue John F. Kennedy  
L-1855  
Luxembourg  
VAT Number: GB190023639

**Business Address:**

Ferrari Granulati srl  
4 Carlton Crescent  
Southampton  
Hampshire/SO15 2EY  
GB  
VAT Number: GB320568910

**Invoice Number:** GB-ASE-2019-1563676**Invoice Date:** 30/11/2019

Description	Subtotal (VAT Exclusive)	VAT %	VAT
Inventory transfer	GBP 28.32	20.00	GBP 5.66
<b>TOTAL:</b>			<b>GBP 5.66</b>

NOTE: Please see addendum Ref GB-ASE-2019-1563676.csv for detail level information

### Screen-Shot

← → ↻ 🔒 localhost:44302/IDCard?doctype=invoice&docname=commingling&filename=Am-Co-M1.pdf

#### ID-Card reader

Doc Name = 'commingling'

File Name = 'C:/Ace/KBD/Temp/Am-Co-M1.pdf'

Country-Code = 'GBR'

Response Count = 0

#### ID-Card Fields

Name: 'Document Type', Value: 'Invoice'

Name: 'Source Business', Value: 'Amazon Services Europe S.à r.l.'

Name: 'Source Vat Number', Value: 'GB190023639'

Name: 'Source Country', Value: 'Luxembourg'

Name: 'Destination Business', Value: 'Ferrari Granulati srl'

Name: 'Destination Vat Number', Value: 'GB320568910'

Name: 'Destination Country', Value: 'GB'

Name: 'Invoice Number', Value: 'GB-ASE-2019-1563676'

Name: 'Invoice Date', Value: '30/11/2019'

Name: 'Transfer 1 Sub-Total Currency Code', Value: 'GBP'

Name: 'Transfer 1 Sub-Total Amount', Value: '28.32'

Name: 'Transfer 1 VAT Rate %', Value: '20.00'

Name: 'Transfer 1 VAT Currency Code', Value: 'GBP'

Name: 'Transfer 1 VAT Amount', Value: '5.66'

Name: 'Total VAT Currency Code', Value: 'GBP'

Name: 'Total VAT Amount', Value: '5.66'

Name: 'Amazon Commingling', Value: 'Accepted'

Note single 'Total' VAT entry.



## RECHNUNG

Amazon Services Europe S.à r.l.  
 38 avenue John F. Kennedy  
 L-1855  
 Luxemburg  
 UST-ID: PL5263151041

**Geschäftsanschrift:**

Ferrari Granulati srl  
 VIA CATENA 7  
 GREZZANA/VERONA/37023

IT

UST-ID: PL5263262651

Rechnungsnummer: PL-ASE-2019-60989

Rechnungsdatum: 30/09/2019

Beschreibung	Zwischensumme (ohne USt.)	USt. %	Umsatzsteuer betrag
Bestandsübertragung	EUR 5,66	23,00	EUR 1,30
		<b>GESAMT:</b>	EUR 1,30
		<b>GESAMT:</b>	PLN 5,70

HINWEIS: Informationen zur Detailebene finden Sie im Anhang Ref PL-ASE-2019-60989.csv

## Screen Shot (DEU)

← → ↻ localhost:44302/IDCard?doctype=invoice&docname=commingling&filename=Am-Co-M2.pdf&cocode=DEU

**ID-Card reader**

Doc Name = 'commingling'

File Name = 'C:/Ace/KBD/Temp/Am-Co-M2.pdf'

Country-Code = 'DEU'

Response Count = 0

## ID-Card Fields

Name: 'Document Type', Value: 'Invoice'

Name: 'Source Business', Value: 'Amazon Services Europe S.à r.l.'

Name: 'Source Vat Number', Value: 'PL5263151041'

Name: 'Source Country', Value: 'Luxemburg'

Name: 'Destination Business', Value: 'Ferrari Granulati srl'

Name: 'Destination Vat Number', Value: 'PL5263262651'

Name: 'Destination Country', Value: 'IT'

Name: 'Invoice Number', Value: 'PL-ASE-2019-60989'

Name: 'Invoice Date', Value: '30/09/2019'

Name: 'Transfer 1 Sub-Total Currency Code', Value: 'EUR'

Name: 'Transfer 1 Sub-Total Amount', Value: '5,66'

Name: 'Transfer 1 VAT Rate %', Value: '23,00'

Name: 'Transfer 1 VAT Currency Code', Value: 'EUR'

Name: 'Transfer 1 VAT Amount', Value: '1,30'

Name: 'Total VAT Currency Code', Value: 'EUR'

Name: 'Total VAT Amount', Value: '1,30'

Name: 'Total 2 VAT Currency Code', Value: 'PLN'

Name: 'Total 2 VAT Amount', Value: '5,70'

Name: 'Amazon Commingling', Value: 'Accepted'

Note twin 'Total' VAT entries, one for each currency.

## OCR – Translate Examples

### Am-Co-M2

```
<html><div>RECHNUNG</div>
<div>Amazon Services Europe S.à r.l.</div>
<div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxemburg</div>
<div>UST-ID: PL5263151041</div>
<div>Geschäftsanschrift:</div>
<div>Ferrari Granulati srl</div>
<div>VIA CATENA 7</div><div>GREZZANA/VERONA/37023</div><div>IT</div>
<div>UST-ID: PL5263262651</div>
<div>Rechnungsnummer: PL-ASE-2019-60989</div>
<div>Rechnungsdatum: 30/09/2019</div>
<div>Beschreibung</div><div>Zwischensumme (ohne USt.)</div><div>USt. %</div><div>Umsatzsteuer betrag</div>
<div>Bestandsübertragung</div><div>EUR 5,66</div><div>23,00</div><div>EUR 1,30</div>
<div>GESAMT:</div><div>EUR 1,30</div>
<div>GESAMT:</div><div>PLN 5,70</div>
<div>HINWEIS: Informationen zur Detailebene finden Sie im Anhang Ref PL-ASE-2019-60989.csv</div>
<div>Amazon Services Europe S.à r.l., 38 avenue John F. Kennedy, L-1855, Luxemburg</div>
<div>Seite 1 von 1</div></html>
```

```
<html><div>Bill</div>
<div>Amazon Services Europe S.A. r.l.</div>
<div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxembourg</div>
<div>UST ID: PL5263151041</div>
<div>Business address:</div>
<div>Ferrari Granulati srl</div>
<div>VIA CATENA 7</div><div>GREZZANA/VERONA/37023</div><div>It</div>
<div>UST ID: PL5263262651</div>
<div>Invoice number: PL-ASE-2019-60989</div>
<div>Invoice date: 30/09/2019</div>
<div>Description</div><div>Subtotal (excluding VAT)</div><div>Vat. %</div><div>Value added tax amount</div>
<div>Inventory transfer</div><div>EUR 5.66</div><div>23,00</div><div>EUR 1.30</div>
<div>Total:</div><div>EUR 1.30</div>
<div>Total:</div><div>PLN 5.70</div>
<div>NOTE: For details on the level of detail, see the appendix Ref PL-ASE-2019-60989.csv</div>
<div>Amazon Services Europe S.A. r.l., 38 avenue John F. Kennedy, L-1855, Luxembourg</div>
<div>Page 1 of 1</div></html>
```

### Am-Co-M3

```
<html><div>GUTSCHRIFT</div>
<div>Ferrari Granulati srl</div>
<div>VIA CATENA 7</div><div>GREZZANA/VERONA/37023</div><div>IT</div>
<div>UST-ID: CZ684921636</div>
<div>Geschäftsanschrift:</div>
<div>Amazon Services Europe S.à r.l.</div>
<div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxemburg</div>
<div>UST-ID: CZ683822572</div>
<div>Rechnungsnummer: CZ-130542031-2019-1</div>
<div>Rechnungsdatum: 31/10/2019</div>
<div>Beschreibung</div><div>Zwischensumme (ohne USt.)</div><div>USt. %</div><div>Umsatzsteuer betrag</div>
<div>Bestandsübertragung</div><div>EUR 16,72</div><div>21,00</div><div>EUR 3,51</div>
<div>GESAMT:</div><div>EUR 3,51</div>
<div>GESAMT:</div><div>CZK 90,06</div>
<div>HINWEIS: Informationen zur Detailebene finden Sie im Anhang Ref CZ-130542031-2019-1.csv</div>
<div>Ferrari Granulati srl, VIA CATENA 7, GREZZANA, VERONA, 37023, IT</div><div>[Gutschrift – Artikel 224 und 226(10a) Richtlinie
2006/112/EC. Als Leistungserbringer sind sie verpflichtet, die ausgewiesene Umsatzsteuer gegenüber Ihrem Finanzamt zu erklären.]</div>
<div>Seite 1 von 1</div></html>
```

```
<html><div>Credit</div>
<div>Ferrari Granulati srl</div>
<div>VIA CATENA 7</div><div>GREZZANA/VERONA/37023</div><div>It</div>
<div>UST ID: CZ684921636</div>
<div>Business address:</div>
```

<div>Amazon Services Europe S.A. r.l.</div><div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxembourg</div>  
<div>UST ID: CZ683822572</div>  
<div>Invoice number: CZ-130542031-2019-1</div>  
<div>Invoice date: 31/10/2019</div>  
<div>Description</div><div>Subtotal (excluding VAT)</div><div>Vat. %</div><div>Value added tax amount</div>  
<div>Inventory transfer</div><div>EUR 16.72</div><div>21,00</div><div>EUR 3.51</div>  
<div>Total:</div><div>EUR 3.51</div>  
<div>Total:</div><div>CZK 90.06</div>  
<div>NOTE: For details on the level of detail, see the appendix Ref CZ-130542031-2019-1.csv</div>  
<div>Ferrari Granulati srl, VIA CATENA 7, GREZZANA, VERONA, 37023, IT</div><div>[Credit - Articles 224 and 226(10a) Directive 2006/112/EC.  
As service providers, they are obliged to declare the reported VAT to your tax office.]</div>  
<div>Page 1 of 1</div></html>

#### Am-Co-M4

<html><div>GUTSCHRIFT</div>  
<div>Ferrari Granulati srl</div>  
<div>VIA CATENA 7</div><div>GREZZANA/VERONA/37023</div><div>IT</div>  
<div>UST-ID: PL5263262651</div>  
<div>Geschäftsanschrift:</div>  
<div>Amazon Services Europe S.à r.l.</div>  
<div>38 avenue John F. Kennedy</div><div>L-1855</div>  
<div>Luxemburg</div>  
<div>UST-ID: PL5263151041</div>  
<div>Rechnungsnummer: PL-130542031-2019-1</div>  
<div>Rechnungsdatum: 31/10/2019</div>  
<div>Beschreibung</div><div>Zwischensumme (ohne USt.)</div><div>USt. %</div><div>Umsatzsteuer betrag</div>  
<div>Bestandsübertragung</div><div>EUR 6,64</div><div>23,00</div><div>EUR 1,53</div>  
<div>GESAMT:</div><div>EUR 1,53</div>  
<div>GESAMT:</div><div>PLN 6,52</div>  
<div>HINWEIS: Informationen zur Detailebene finden Sie im Anhang Ref PL-130542031-2019-1.csv</div>  
<div>Ferrari Granulati srl, VIA CATENA 7, GREZZANA, VERONA, 37023, IT</div><div>[Gutschrift – Artikel 224 und 226(10a) Richtlinie  
2006/112/EC. Als Leistungserbringer sind sie verpflichtet, die ausgewiesene Umsatzsteuer gegenüber Ihrem Finanzamt zu erklären.]</div>  
<div>Seite 1 von 1</div></html>

<html><div>Credit</div>  
<div>Ferrari Granulati srl</div>  
<div>VIA CATENA 7</div><div>GREZZANA/VERONA/37023</div><div>It</div>  
<div>UST ID: PL5263262651</div>  
<div>Business address:</div>  
<div>Amazon Services Europe S.A. r.l.</div>  
<div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxembourg</div>  
<div>UST ID: PL5263151041</div>  
<div>Invoice number: PL-130542031-2019-1</div>  
<div>Invoice date: 31/10/2019</div>  
<div>Description</div><div>Subtotal (excluding VAT)</div><div>Vat. %</div><div>Value added tax amount</div>  
<div>Inventory transfer</div><div>EUR 6.64</div><div>23,00</div><div>EUR 1.53</div>  
<div>Total:</div><div>EUR 1.53</div>  
<div>Total:</div><div>PLN 6.52</div>  
<div>NOTE: For details on the level of detail, see the appendix Ref PL-130542031-2019-1.csv</div>  
<div>Ferrari Granulati srl, VIA CATENA 7, GREZZANA, VERONA, 37023, IT</div><div>[Credit - Articles 224 and 226(10a) Directive 2006/112/EC.  
As service providers, they are obliged to declare the reported VAT to your tax office.]</div>  
<div>Page 1 of 1</div></html>

#### 12-Page PDF

[{'text': '<div>GUTSCHRIFT</div><div>GIORGETTI GIORGIO SRL</div><div>VIA SAN CRISPINO, 88</div><div>SAN MAURO PASCOLI/FORLI'-  
CESENA/47030</div><div>IT</div><div>UST-ID: PL5263286858</div><div>Geschäftsanschrift:</div><div>Amazon Services Europe S.à  
r.l.</div><div>38 avenue John F. Kennedy</div><div>L-1855</div><div>Luxemburg</div><div>UST-ID:  
PL5263151041</div><div>Rechnungsnummer: PL-136804241-2020-5</div><div>Rechnungsdatum:  
31/10/2020</div><div>Beschreibung</div><div>Zwischensumme (ohne USt.)</div><div>USt. %</div><div>Umsatzsteuer

betrag</div><div>Bestandsübertragung</div><div>EUR 5.767,02</div><div>23,00</div><div>EUR  
1.326,73</div><div>GESAMT:</div><div>EUR 1.326,73</div><div>GESAMT:</div><div>PLN 6.011,96</div><div>HINWEIS: Informationen zur  
Detailebene finden Sie im Anhang Ref PL-136804241-2020-5.csv</div><div>GIORGETTI GIORGIO SRL. VIA SAN CRISPINO, 88. SAN MAURO  
PASCOLI. FORLI-CESENA, 47030, IT</div><div>Gutschrift - Artikel 224 und 226(10a) Richtlinie 2006/1 12/EC. Als Leistungserbringer sind sie  
verpflichtet, the ausgewiesene Umsatzsteuer gegenüber Ihrem Finanzant zu erklären.</div><div>Seite 1 von 1</div>'},

{'text': '<div>INVOICE</div><div>Amazon Services Europe S.à r.l.</div><div>38 avenue John F. Kennedy</div><div>L-  
1855</div><div>Luxembourg</div><div>VAT Number: GB190023639</div><div>Business Address:</div><div>GIORGETTI GIORGIO  
SRL</div><div>VIA SAN CRISPINO, 88</div><div>SAN MAURO PASCOLI/FORLI'-CESENA/47030</div><div>IT</div><div>VAT Number:  
GB337856757</div><div>Invoice Number: GB-ASE-2020-1370262</div><div>Invoice Date:  
31/10/2020</div><div>Description</div><div>Subtotal (VAT Exclusive)</div><div>VAT %</div><div>VAT</div><div>Inventory  
transfer</div><div>GBP 7,542.74</div><div>20,00</div><div>GBP 1,508.43</div><div>TOTAL:</div><div>GBP 1,508.43</div><div>NOTE:  
Please see addendum Ref GB-ASE-2020-1370262.csv for detail level information</div><div>Amazon Services Europe S.a. r.l. , 38 avenue John  
F. Kennedy. L-1855, Luxembourg</div><div>Page 1 of 1</div>'}}

Only the first two pages read (free version).

## Example On-Line Screen-Shots

### Fulfilled by Amazon Orders

**FBA Orders:**

- Find out more on the refund reason and item condition in your [Customer Return Report](#) (Provide Order ID and then click Generate Report)
- Learn more about [Customer Returns and Refund Requests](#)

[on an Amazon-fulfilled return?](#)

[How do I edit my account information?](#)

**Transactions for statement period 5 Jul 2019 - 5 Jul 2019 (Open)** [Download](#)

Items 1 to 10 of 11

Date	Transaction type	Order ID	Product Details	Total product charges	Total promotional rebates	Amazon fees	Other	Total
5 Jul 2019	Other	---	FBA Inventory Reimbursement	£0.00	£0.00	£0.00	£5.16	<b>£5.16</b>
5 Jul 2019	Commingling VAT	527737813	[REDACTED]	£0.00	£0.00	£0.00	£0.00	<b>£0.00</b>
5 Jul 2019	Commingling VAT	527737813	[REDACTED]	£0.00	£0.00	£0.00	£0.00	<b>£0.00</b>
5 Jul 2019	Commingling VAT	527735753	[REDACTED]	£0.00	£0.00	£0.06	£0.00	<b>£0.06</b>
5 Jul 2019	Commingling VAT	527735753	[REDACTED]	£0.00	£0.00	£0.00	£0.00	<b>£0.00</b>
5 Jul 2019	Other	---	FBA Inventory Reimbursement	£0.00	£0.00	£0.00	£2.56	<b>£2.56</b>
5 Jul 2019	Other	---	FBA Inventory Reimbursement	£0.00	£0.00	£0.00	£0.72	<b>£0.72</b>
5 Jul 2019	Commingling VAT	527665093	[REDACTED]	£0.00	£0.00	£0.00	£1.67	<b>£1.67</b>
5 Jul 2019	Other	---	FBA Inventory Reimbursement	£0.00	£0.00	£0.00	£10.32	<b>£10.32</b>
5 Jul 2019	Commingling VAT	527582663	[REDACTED]	£0.00	£0.00	£0.00	£0.00	<b>£0.00</b>

Items 1 to 10 of 11

Show 10 results per page

### Payments

**Payments** [Learn more](#) | [Rate this page](#)

Statement View **Transaction View** All Statements Date Range Reports Advertising Invoice History

Find a transaction:  Enter Order Number

Filter view by: Other or Search for a transaction

Within: Statement period | Past number of days | Custom date range

10 Jun 2019 - 6 Jul 2019 (Open)

[Update](#)

**Transactions for statement period 10 Jun 2019 - 6 Jul 2019 (Open)** [Download](#)

Items 1 to 2

Date	Transaction type	Order ID	Product Details	Total product charges	Total promotional rebates	Amazon fees	Other	Total
5 Jul 2019	Commingling VAT	527665093	[REDACTED]	£0.00	£0.00	£0.00	£2.04	<b>£2.04</b>
5 Jul 2019	Commingling VAT	527470963	[REDACTED]	£0.00	£0.00	£0.00	£4.63	<b>£4.63</b>

Items 1 to 2

Show 10 results per page

Get support: Policies and Agreements English

The Customs and Party Store © 1996-2016 Amazon.com, Inc. or its affiliates

Showing commingling VAT transactions.

**Flat File Fields:** Date, Transaction type, Order ID, Product Details, Total product charges, Total promotional rebates, Amazon fees, Other, Total.

End