

How to parse from URL asynchronously for document parser API in Java with PDF.co Web API

PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

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Source Code Files:

ByteScoutWebApiExample.iml

```
<?xml version="1.0" encoding="UTF-8"?>
<module type="JAVA_MODULE" version="4">
  <component name="NewModuleRootManager" inherit-compiler-output="true">
    <exclude-output />
    <content url="file://$MODULE_DIR$">
      <sourceFolder url="file://$MODULE_DIR$/src" isTestSource="false" />
    </content>
    <orderEntry type="inheritedJdk" />
    <orderEntry type="sourceFolder" forTests="false" />
    <orderEntry type="library" name="com.google.code.gson:gson:2.8.1" level="project" />
    <orderEntry type="library" name="com.squareup.okhttp3:okhttp:3.8.1" level="project" />
  </component>
</module>
```

MultiPageTable-template1.yml

```
---
# Template that demonstrates parsing of multi-page table using only
# macro expressions for the table start, end, and rows.
# If macro expression cannot be written for every table row (for example,
# if the table contains empty cells), try the second method demonstrated
# in `MultiPageTable-template2.yml` template.
templateVersion: 3
templatePriority: 0
sourceId: Multipage Table Test
detectionRules:
  keywords:
    - Sample document with multi-page table
fields:
  total:
    expression: 'TOTAL{{Spaces}}{{Number}}'
    dataType: decimal
tables:
- name: table1
  start:
    # macro expression to find the table start in document
    expression: 'Item{{Spaces}}Description{{Spaces}}Price'
  end:
    # macro expression to find the table end in document
    expression: 'TOTAL{{Spaces}}{{Number}}'
  row:
    # macro expression to find table rows
    expression: '{{LineStart}}{{Spaces}}(?<itemNo>{{Digits}}){{Spaces}}(?<description>{{SentenceWithSingleSpaces}}){
# output data types for columns
columns:
- name: itemNo
  type: integer
- name: description
  type: string
- name: price
  type: decimal
- name: qty
  type: integer
- name: extPrice
  type: decimal
multipage: true
```

result.json

```
{
  "objects": [
    {
      "name": "total",
      "objectType": "field",
      "value": 450.00,
      "pageIndex": 1,
      "rectangle": [
        0.0,
        0.0,
        0.0,
        0.0
      ]
    }
  ]
}
```

```

},
{
  "objectType": "table",
  "name": "table1",
  "rows": [
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        "value": 1
      },
      "description": {
        "pageIndex": 0,
        "value": "Item 1"
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        "pageIndex": 0,
        "value": 10.00
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      "qty": {
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      }
    }
  ],
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```

```
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```

```

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    "value": "Item 11"
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```

```

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```

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```

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    "value": 10.00
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],
},
"templateName": "Multipage Table Test",
"templateVersion": "4",
"timestamp": "2020-05-18T12:00:37"
}

```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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