# How to parse from url for document parser API in Java using ByteScout Cloud API Server

## Learn in simple ways: How to parse from url for document parser API in Java

Every ByteScout tool includes sample Java source codes that you can find here or in the folder with installed ByteScout product. Document parser API in Java can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

Java code snippet like this for ByteScout Cloud API Server works best when you need to quickly implement document parser API in your Java application. This Java sample code can be used by copying and pasting into your project. Once done,just compile your project and click Run. Check Java sample code examples to see if they respond to your needs and requirements for the project.

ByteScout Cloud API Server - free trial version is available on our website. Also, there are other code samples to help you with your Java application included into trial version.

FOR MORE INFORMATION AND FREE TRIAL:

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Read more about ByteScout Cloud API Server

Explore API Documentation

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# Source Code Files:

## ByteScoutWebApiExample.iml

```xml
<?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://$MODULE_DIR{code}quot;>
      <sourceFolder url="file://$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

```yaml
---
# Template that demonstrates parsing of multi-page table using only
# regular expressions for the table start, end, and rows.
# If regular 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: 2
templatePriority: 0
sourceId: Multipage Table Test
detectionRules:
  keywords:
  - Sample document with multi-page table
fields:
  total:
    expression: TOTAL {{DECIMAL}}
tables:
- name: table1
  start:
    # regular expression to find the table start in document
    expression: Item\s+Description\s+Price\s+Qty\s+Extended Price
  end:
    # regular expression to find the table end in document
    expression: TOTAL\s+\d+\.\d\d
  row:
    # regular expression to find table rows
    expression: '^\s*(?<itemNo>\d+)\s+(?<description>.+?)\s+(?<price>\d+\.\d\d)\s+(?<qty>\d+)\s+(?<extPrice>\d+\.\d\d
  columns:
  - name: itemNo
    type: integer
  - name: description
    type: string
  - name: price
    type: decimal
  - name: qty
    type: integer
  - name: extPrice
    type: decimal
  multipage: true
```

VIDEO

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

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