

CASE STUDIES

Aspose.Total Case Study

Visiodoc

Qualetech

Using Aspose.Total to create previews and extract text in Visiodoc

Yassine LOUDAD, CEO, 13 February 2018

About Qualetch

Qualetch is a startup based in Paris, France. We provide customer-specific services to our clients using mainly Microsoft technologies.

Qualetch is the editor of Visiodoc, an Electronic Content Management Software which can be used in both SaaS or in-house mode. The Visiodoc server can generate previews for each page of a given file, search in its content, read barcodes from it, and OCR the file if it's a scanned document.

Problem

As an ECM, Visiodoc should give the users the possibility to preview/read the files directly in the browser. The search engine must search in files content too.

To answer those two problems, we needed a library that can reliably Preview and Extract the text of each page in a document, relatively fast and for a large possible file types.

Solution

Taking in consideration the number of file types that Aspose.Total can process, the maturity of the product (more than 10 years), .NET compatibility, and the good experience Y.Loudad had with Aspose support team, we can tell that as of 2018 there is no alternative to Aspose.Total.NET that can fulfil all of our expectations.

In Visiodoc, like any ECM, users can upload files, any type of files:

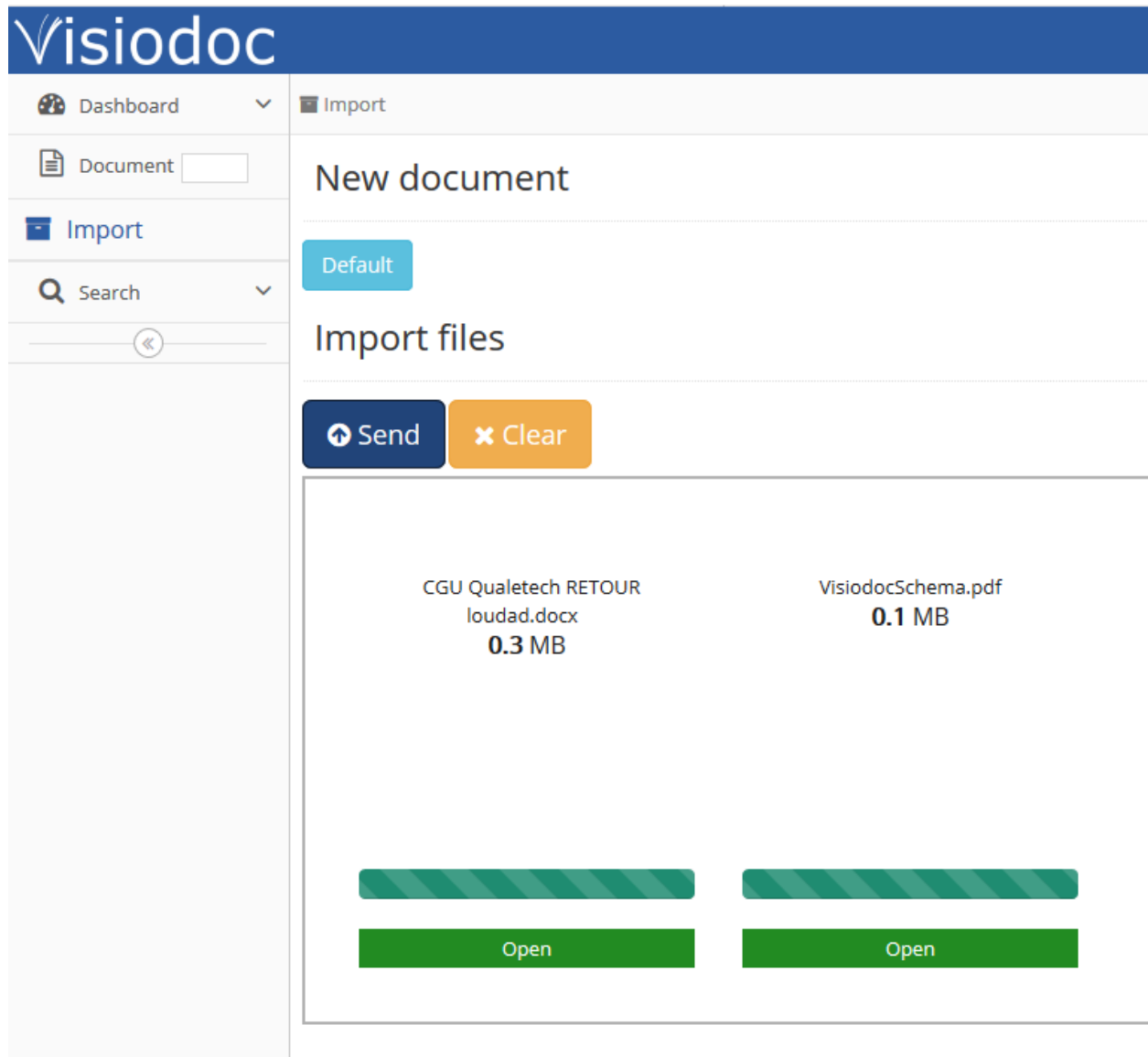


Figure 1: Upload UI

Visiodoc engine will start generating previews of each page, and extracting text to make it available for search. Users can view the file in the browser:

The screenshot shows the Visiodoc web application interface. On the left is a sidebar with navigation options: Dashboard, Document, Import, and Search. The main area is titled 'Document 102' and contains a 'General' tab with fields for 'Document type' (set to Default), 'LinkedDocumentsFieldID' (with a 'Select an item' dropdown and a 'New' button), and 'Parent documents'. Below these fields are 'Save' and 'Delete' buttons, and an 'Actions' section with 'Subscribe' and 'Extract' options. On the right, a document preview is shown for 'CGU Qualettech RETOUR loudad.docx', displaying the first page of a document with a header and several paragraphs of text. Below the preview is a 'Drop files to upload (or click)' area with a cloud upload icon. The bottom right corner of the interface shows the version '11624014' and copyright information for 2018 Qualettech.

And read any page of it in a very comfortable way:

This screenshot shows a document viewer interface for the file 'CGU Qualettech RETOUR loudad.docx'. The document content is displayed in a large, clear font. The title 'VISIODOC' is centered at the top, followed by the subtitle 'Conditions générales d'utilisation'. The main text begins with 'Les présentes conditions générales d'utilisation (ci-après « CGU ») gouvernent l'accès et l'utilisation du service proposé par QUALETECH, constitué par la mise à disposition du logiciel VISIODOC, propriété de la société QUALETECH, SARL au capital de 1.000 €, immatriculée au RCS de Paris sous le n° 827 938 275, ayant son siège social 4 Place Louis Armand 75012 Paris, prise en la personne de son représentant légal.' The right side of the viewer shows a vertical scrollbar, indicating the document has multiple pages.

Aspose.Total is fast enough to show to the users the previews within seconds after the import, that's one of our important requirement taken in consideration in choosing Aspose.

Experience

Y.Loudad have used Aspose products since 2010 when he was Lead Developer in his previous position in another company. He had good experience with Aspose products and the support team. Aspose.Pdf for .net and Aspose.Barcode for .net were used to process more than 3000 documents a day for more than 2 years, the use of Aspose in this project was a clear success to everybody.

The implementation was straightforward, we really focus on our architecture and Aspose just fits in simply. Our architecture is highly optimized for performance and multithreading, and again this is no problem to use Aspose.Total.net.

We met all of our technical objectives, we will launch our product in the coming months and we will see the outcome of our work. The volume of files sent by the user should be enough challenging for our architecture and we are confident that Aspose.Total will meet our expectations.

Next Steps

We are keeping a close eye on Aspose.Total for C++, it should be faster so maybe we will use it for some special file types when the .net version is not fast enough considering the eventual volume that we should process. This decision needs the product to be already launched.

Summary

Our overall experience with Aspose products was very positive. We think that the .net business world wouldn't have been the same without Aspose.Total.net. We have worked on a lot of business projects and few of them didn't include Aspose. We like the fact that Aspose.Total is a complete offer, so we do not need to have multiple libraries to achieve our client's objectives. We do definitely recommend Aspose to anyone developing business projects in .net.