

Alchemy Batch OCR

Overview

The Alchemy Batch OCR tool is a simple Windows executable that can be used to automate the OCR process of an Alchemy database. The executable accepts command line parameters that drive what OCR actions to take. To automate, simply create a task in Windows Scheduler that executes the BatchOCR.

Batch OCR Command Line Syntax

Command	Description
-database=[Database Path]	Alchemy database path or URL (Required)
-folder=[Folder Path]	Folder path within Alchemy database. If not specified, Root folder is used. The '\' character should be used when delimiting folders.(Optional)
-template=[OCR Template]	OCR template name. If not specified, Full Text OCR occurs. (Optional)
-build	Build database once OCR process is finished. If not specified, default value is 'False'. (Optional)
-enhance	Enhance images prior to performing OCR. Enhancements are automatic deskew, automatic orientation and automatic image enhancement. If not specified, the default value is 'False' (Optional)
-skipbuilt	Do not OCR documents that have already been built in Alchemy. If not specified, the default value is 'True'. (Optional)
-skipexisting	Do not OCR documents that have already been OCRd. If not specified, default value is 'True'. (Optional)
-includeannotations	Flag to indicate whether to include annotations. If not specified, default value is 'False'. (Optional)
-databasepwd	The database password to use should the Alchemy database be password protected. (Optional)
-groupname	The database security group name to use. (Optional)
-grouppwd	The database security group password to use. (Optional)
-trace=[Error Warning Information Verbose]	Console output level. If not specified, default value is 'Information' (Optional) <ul style="list-style-type: none">• Error: Only errors are output to console window• Warning: Errors and Warnings are output to console window• Information (Default): Errors, Warnings and Information messages are output to console• Verbose: All messages are output to console window
[xml file path]	Path to xml file containing command parameters. If none of the above command parameters are present and only 1 command exists, it can be the path of an xml file containing the desired commands. See below for an example of the xml file.

Examples:

This command will perform a recursive OCR on the Total database, skipping images that have already been processed. An OCR template is used called 'Invoice'. The -enhance command will cause the image to be deskewed and oriented. The -trace=4 command will cause verbose output to the console.

BatchOCR.exe -database="C:\Alchemy Databases\Total.ald" -template=Invoice -enhance
-trace=4 -skipexisting

Below is a command that will read an xml file and process commands in that file.

BatchOCR.exe C:\batchocr_commands\invoices.xml

The XML file has the following format:

```
<BatchCMD>  
  <DBPath>C:\AlchemyData\Invoices.ald</DBPath>  
  <FolderPath>ACME Publishing\Invoices</FolderPath>  
  <OCRTemplate>ACME Invoices</OCRTemplate>  
  <EnhanceImages>>false</EnhanceImages>  
  <SkipExisting>>true</SkipExisting>  
  <SkipBuilt>>true</SkipBuilt>  
  <Recursive>>false</Recursive>  
  <IncludeAnnotations>>false</IncludeAnnotations>  
  <SecurityGroupName>Group Name</SecurityGroupName>  
  <SecurityGroupPassword>Group Password</SecurityGroupPassword>  
  <DatabasePassword>Database Password</DatabasePassword>  
  <Build>>false</Build>  
  <TraceLevel>Information</TraceLevel>  
</BatchCMD>
```