

## ABBYY OCR SDK API v12.4.7.40 for Windows + License Key

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This software-based development toolkit ABBYY FineReader Engine allows developers to build applications that extract textual data from images, documents, paper, or displays. This OCR SDK powered by AI gives your application superior reading and recognition of text and PDF conversion and data capture features. It lets you transform scans into documents that can be searched in PDF, Word, or Excel and retrieve data in screenshots or images.

### ABBYY OCR SDK API with License Key Fantastic Features:

Give your customers exceptional OCR quality offered by ABBYY FineReader. The top suppliers of ECM systems, document image capture services, RPA solutions, and scanner and MFP makers rely on ABBYY OCR technology.

Enhance your solutions. ABBYY FineReader Engine enables your software to convert TIFF libraries to PDF pdf, PDF/A, Word, or other formats. It can also precisely extract fields with precise values. Create your software on Windows, Linux, or Mac, then offer your application through cloud or VM platforms. Cloud and VM platforms.

Be ahead of the pack and get the best OCR solutions on the market swiftly with the help of robust APIs. You can easily incorporate top-of-the-line OCR functions with the pre-configured tools, parameters code examples, and other components.

AI, ML, and other advanced technologies offer excellent recognition accuracy for documents in multiple languages and provide documents that can be edited and searchable to be true to their original contents.

The SDK provides award-winning, high-quality recognition of text printed by machines (OCR) or hand-printed text (ICR), which can be used for either full-page recognition or field level. It also provides the recognition of barcodes (OBR).

The SDK provides document conversion in formatted PDF that can be searched and PDF/A. The missing text layer is injected into PDFs, and PDF properties are kept. XML data is extracted from imported PDF/A-3 files and then inserted into the file when saving them to PDF/A-3 formats.

Highly efficient and ML-based technologies, together with ABBYY's ADRT and other technology, recognize the document's logical structure and pinpoint the formatting elements, such as table of content headers, footers, fonts, and font styles, to recreate the original document with precision.

Developers can benefit from the SDK's flexible and scalable design when they convert multiple pages, for example, books or complete archives of documents. The OCR process can be done substantially faster, using multi-core CPUs and processing images with multiple threads.

In addition to deploying on-premise software, developers can install their apps in virtual environments or host their services on Cloud platforms such as Microsoft Azure or Amazon Web Services.

Image pre-processing improves the quality of recognition by optimizing an image to OCR. Even low-quality images can provide the most accurate OCR results after de-skewing rotation distortion correction, straightening text lines page splitting, adaptive binarization ISO noise reduction, and various other image correction methods.

Predefined processing profiles have pre-set parameters to ensure the highest quality OCR results in routine recognition tasks. They can be used instead of manually fine-tuning the recognition system and allow an opportunity for speedier SDK integration.

Specific APIs, such as BCR API and MRZ API, identify the business card and Machine Readable Zones (MRZ) on passports, ID documents, or visas. They allow access to specific field values using the least amount of programming effort.

Advanced classification algorithms within FineReader Engine leverage machine learning and OCR technologies, allowing



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applications to classify documents automatically into various classes.

Developers can use ABBYY's ActiveX-based visual components to integrate the user interfaces into different applications like ERP, ECM, or DMS systems, which allows their users to verify documents, check recognition results and modify text directly within the application.

A complete set of code examples provides instructions for using the OCR SDK. It also illustrates different technologies of the FineReader Engine and is suitable for development projects. Each library section includes codes and detailed instructions for performing the appropriate task.

Thorough documentation helps streamline integration. Developers can access additional information on the ABBYY Knowledge Base and Developers' Forum. Additionally to these tools, ABBYY technical support is available during your trial period for free.

The new feature, "Compare Documents," allows you to compare two versions of similar documents and detect variations in the content. Documents can be saved in various sformats, e.g., Microsoft Word PDF TIF, JPEG, and other formats for input documents.

资源列表

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