



Processor



Key-Value Pairs



PROCESSOR > GUIDES > EXTRACTION > KEY-VALUE PAIRS

Effortlessly extract key-value pairs from documents



PSPDFKit Processor has been deprecated and replaced by [Document Engine](#). To migrate to Document Engine and unlock advanced document processing capabilities, refer to our migration guide. Learn more about these enhancements on our [blog](#).

Automatically detect and extract key-value pairs from unstructured documents or images with our native SDK. Leveraging AI, ML, and adaptive layout understanding, the key-value pair (KVP) engine is used to reduce manual and repetitive document processing tasks. It can automatically label and extract information such as phone numbers, IBANs, credit cards, names, and email addresses from unstructured or semi-structured documents. The engine recognizes KVPs in all supported OCR languages. Explore our guides and code samples to learn how you can quickly integrate our KVP technology into your application or workflow.

TRY FOR FREE

LAUNCH DEMO

Nutrient SDKs are trusted by world's most popular applications, including Autodesk, Disney, UBS, Dropbox, IBM, and Lufthansa. Nutrient's powerful solutions enable seamless integration of PDF editing features into your applications, delivering reliability and efficiency to world-class enterprises.

Key Capabilities



Powered by AI and ML — 15+ years of continuous improvements in accuracy



ASK AI

- ⌘ Automatically detects key values and creates labels for data sets: phone numbers, IBANs, names, credit card numbers, and more
- ⌘ Leverages AI, ML, heuristics, mathematics, and adaptive layout understanding to identify key values
- ⌘ Works on all document types, including unstructured and semi-structured documents or documents without predefined data models
- ⌘ 100 percent control over your document security and privacy

Guides for Key-Value Pair Extraction

How Key-Value Pair Extraction Works

Learn how to use our key-value pair engine

Data Model

Learn about the data model behind the extraction technology

Confidence Score

Learn how confidence scores are determined

Data Types

Learn about automatically detected data types

Using the Data Extraction API

Learn how to extract data using the API

Extract Data from Bank Statements

Learn how to extract data from bank statements

Extract Data from Tables

Learn how to extract data from tables

Extract Text

Learn how to extract text from documents or images

Was this helpful?

✓ YES

✗ NO

Questions? [Contact us](#)

