

How LLM-powered IDP supports knowledge management



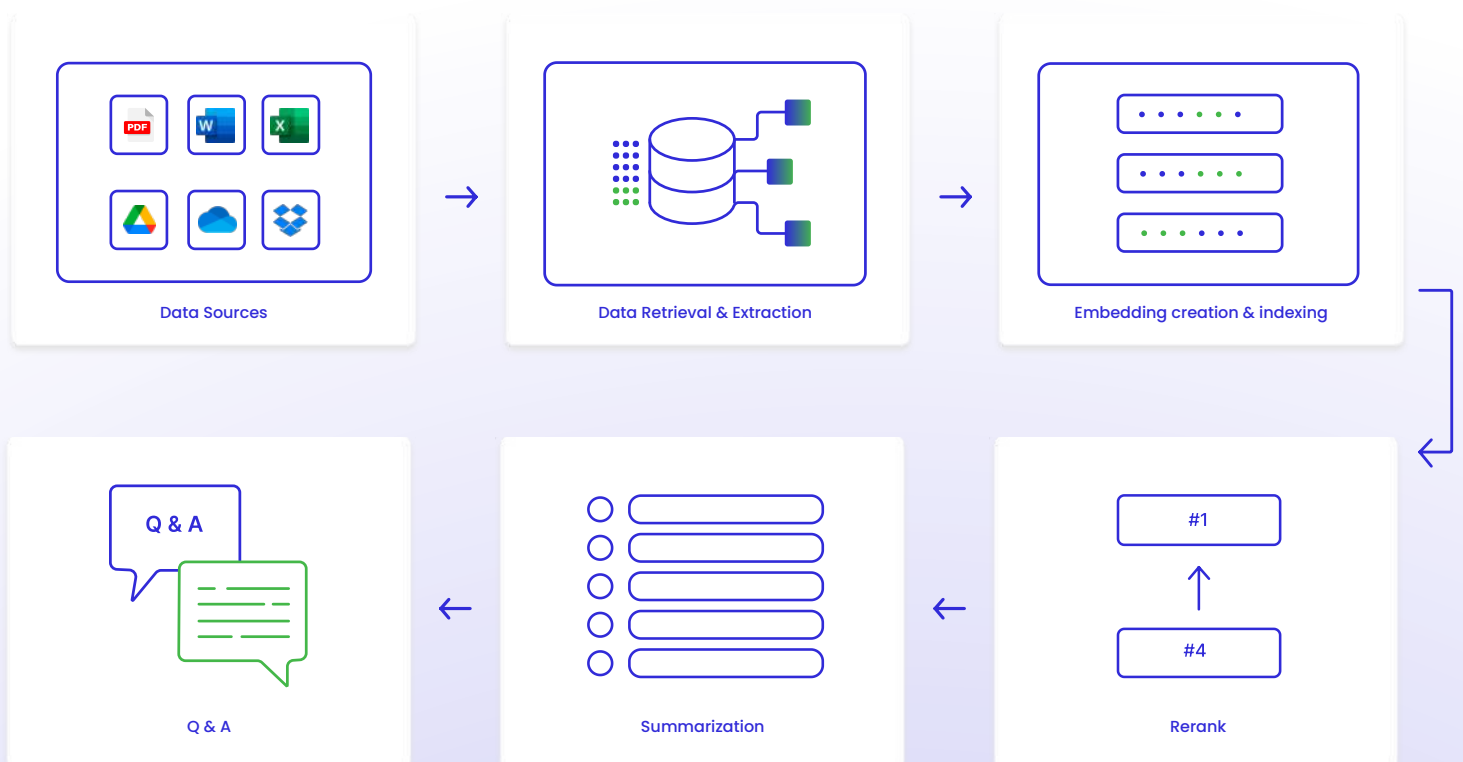
About

ContextClue, powered by the Large Language Model (LLM), is designed to analyze, summarize, and extract key information from documents.

By harnessing Large Language Models, it ensures logical and straightforward document interaction, enhancing the tool's efficiency in handling complex textual data.

| Key features

-  Specializes in processing documents in the following formats: Docs, PDF, JPG, Excel, PowerPoint, TXT, PNG.
-  Integrates with various Large Language Models for advanced summaries and prompting.
-  Includes built-in OCR capabilities for scanned document conversion.
-  Connects with collaboration tools for real-time communication and data sharing.
-  Processes documents on internal data infrastructure, ensuring data security.



ContextClue was designed to support businesses that face the daunting challenge of managing and analyzing vast amounts of diverse documents, ranging from financial reports and legal contracts to marketing collateral, sales proposals, and engineering specifications.

Addepto's Team saw that the diversity of documents could lead to significant time and resource wastage as employees struggle to extract critical insights buried within this data.

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From the very beginning, we envisioned a tool that would not just be another AI product but a revolution in document research. We saw the challenges businesses faced daily – the overwhelming amount of documents, the hours spent in analysis, and the critical insights often missed. That's when ContextClue was born.

*Edwin Lisowski,
CGO & Co-Founder at Addepto*

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ContextClue originated as an attempt to harness the API-based LLMs within internal corporate processes without the need for costly fine-tuning of the models and rearranging the technical infrastructure. The tool was supposed to be as simple as possible: ready-to-use in the existing workflow, intuitive, and easy to integrate with any conversational interface.

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ChatGPT was a revelation, but we saw a gap. We wanted to create something that wasn't just for individual users but could be integrated into the very fabric of businesses. ContextClue is our answer to that. It's about boosting individual productivity and revolutionizing processes across entire organizations.

*Michał Tarkowski,
Product Owner, Technical Leader at Addepto*

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| Potential Deployments of .ContextClue

RESEARCH AND DEVELOPMENT SUPPORT

Scientific Literature Analysis: ContextClue can be used to scan and summarize vast amounts of scientific literature, helping researchers identify key findings, trends, and gaps in their respective fields. This can be particularly useful for pharmaceutical companies, biotech firms, and academic researchers.

Patent Analysis: For businesses looking to innovate, ContextClue can analyze patent databases to identify potential infringements or to find white spaces in the current patent landscape.



HUMAN RESOURCES AND RECRUITMENT

Resume Screening: ContextClue can be deployed to scan and analyze resumes, matching potential candidates to job descriptions based on skills, experience, and other relevant criteria.

Employee Feedback Analysis: By analyzing employee feedback and survey responses, ContextClue can identify areas of improvement, potential issues, and overall employee sentiment.

FINANCIAL ANALYSIS

Financial Document Review: ContextClue can be used by financial analysts to quickly review and summarize annual reports, earnings calls, and other financial documents, highlighting key data points and trends.

Risk Assessment: By analyzing financial statements and market news, ContextClue can assist in identifying potential risks and investment opportunities.

| Potential Deployments of .ContextClue

CUSTOMER SUPPORT

Customer Feedback and Review Analysis: ContextClue can scan and analyze customer reviews and feedback across various platforms, helping businesses identify areas of improvement and customer preferences.

FAQ Assistant: Deploy ContextClue on company websites to provide instant, human-like responses to frequently asked questions, reducing the need for human intervention.

Conversational Bot: ContextClue can be integrated with both Teams and Slack to help employees easily access information about internal processes in a human-like way.

HEALTHCARE SUPPORT

Medical Record Analysis: ContextClue can be used by healthcare professionals to quickly review and summarize patient medical records, ensuring that critical information is not overlooked.

Clinical Trial Data Review: Pharmaceutical companies can deploy ContextClue to analyze and summarize clinical trial data, identifying key findings and potential side effects.



REAL ESTATE AND PROPERTY MANAGEMENT

Property Document Review: ContextClue can assist real estate professionals in reviewing property documents, ensuring compliance with local regulations and identifying potential discrepancies.

Lease Agreement Analysis: Property managers can use ContextClue to review and summarize lease agreements, ensuring that terms are adhered to and identifying potential areas of concern.

| .ContextClue Architecture

The ContextClue architecture is a comprehensive system that combines both well-known external software solutions and custom-made algorithms developed by the Addepto Team.

Here's an explanation of the components and how they fit into the architecture:



- **LangChain:** A sophisticated framework designed for LLM-driven applications.
- **docTR: (Document Text Recognition):** a seamless, high-performing and accessible library for OCR-related tasks.
- **MongoDB:** Enables flexible and scalable data management.
- **ChromaDB:** Efficiently handles and stores vast amounts of vector data.
- **FastAPI:** Powers real-time interactions for various use cases.

SOLUTIONS CUSTOM-MADE BY ADDEPTO TEAM

Knowledge Graph

A dynamic structure that maps out complex relationships and connections between data entities.

Smart Re-ranking & Indexing

An advanced indexing system that optimizes the retrieval process by constantly updating and re-ranking data to ensure the most relevant results.

IDP Techniques

Intelligent Document Processing techniques that utilize AI to transform unstructured data into structured data to enable further processing.

Advantages of .ContextClue's API-first architecture



Seamless Integration

ContextClue ensures it seamlessly integrates with diverse data infrastructures, eliminating the need for exhaustive customizations or system revamps.



Universal Connectors

APIs act as universal connectors. They empower businesses to effortlessly incorporate ContextClue into their existing databases, applications, and services.



Enduring Relevance

ContextClue's API-first nature ensures that it remains adaptable and forward-compatible.



Enhanced Security

Standardized interfaces can be more easily monitored, controlled, and updated to meet the latest security standards.



Agility and Resilience

ContextClue's API-first approach not only promises agility but also guarantees resilience and security in an ever-changing digital ecosystem.

With its API-first architecture,
.ContextClue can be integrated with:



...and any other collaborative tool!

Accelerate your document research through AI

Summarize multi-format content, simplify complex topics, and extract desired information.

[GET A DEMO](#)

.ContextClue & .addepto

ContextClue is brought to you by Addepto, a pioneering AI consulting company specializing in adapting Generative AI into business practice.

40+

AI Experts

70+

Finished projects

10+

Different industries

