

ES 智能助手

By Coco AI

一个不一样的 AI 搜索与智能助理

- 背景
- 解决办法
- 如何实现
- **Demo**

背景



ES生态圈
使用/运维
/国产化



客户在用版本分散: 2 - 8

使用的场景、架构: 多式多样



DataX

Canal

Java Client

Elastic Agent



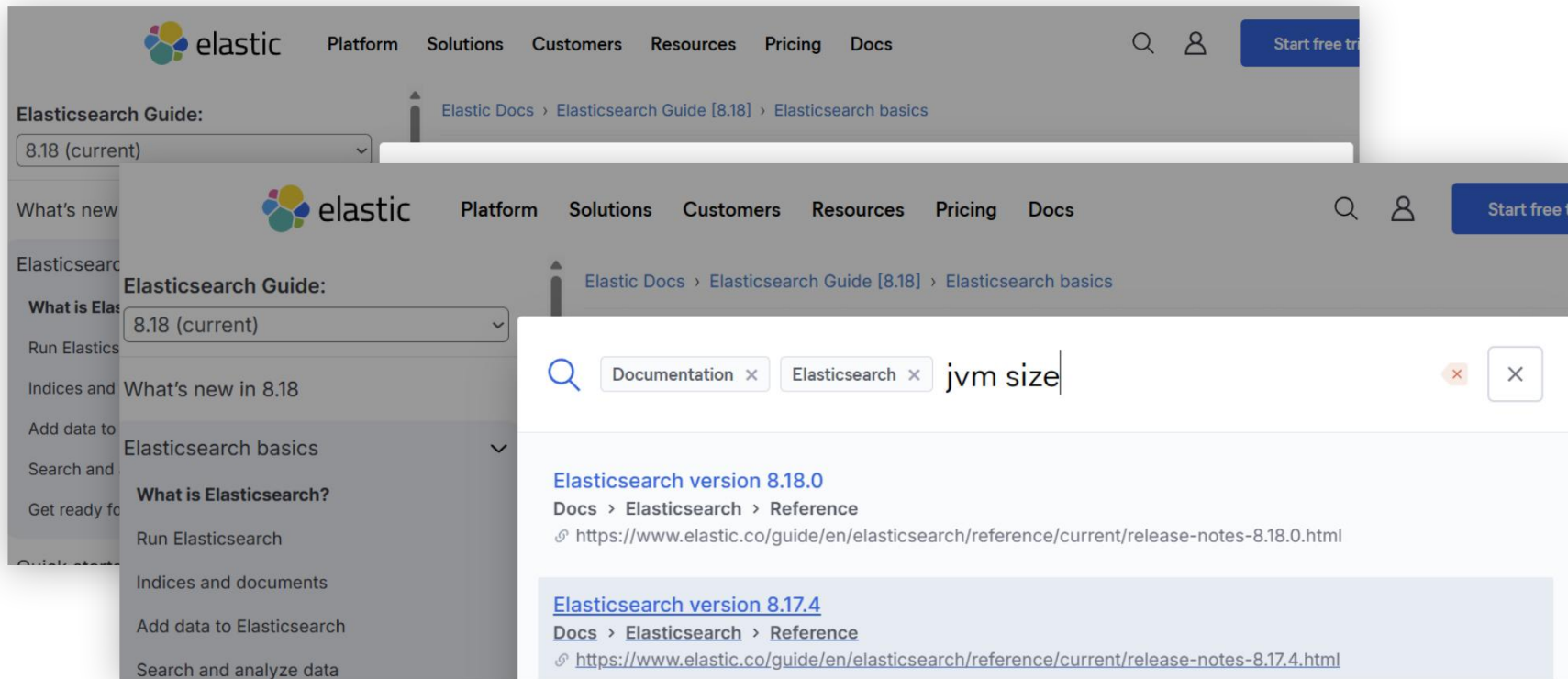
海量的文档



多个网站



Opensearch 1 - 2



The image shows a screenshot of the Elasticsearch Guide website. The top navigation bar includes the Elastic logo and links for Platform, Solutions, Customers, Resources, Pricing, and Docs. A search bar is visible on the right. The main content area is titled "Elasticsearch Guide:" and shows a breadcrumb trail: Elastic Docs > Elasticsearch Guide [8.18] > Elasticsearch basics. A dropdown menu is open on the left, showing the version "8.18 (current)" and a list of topics including "What is Elasticsearch?", "Run Elasticsearch", "Indices and documents", "Add data to Elasticsearch", and "Search and analyze data". A search overlay is active in the foreground, displaying the search query "jvm size" and two results: "Elasticsearch version 8.18.0" and "Elasticsearch version 8.17.4".

Elasticsearch Guide:

8.18 (current)

What's new

Elasticsearch

What is Elasticsearch?

Run Elasticsearch

Indices and documents

Add data to Elasticsearch

Search and analyze data

Get ready for production

Elasticsearch Guide:

8.18 (current)

What's new in 8.18

Elasticsearch basics

What is Elasticsearch?

Run Elasticsearch

Indices and documents

Add data to Elasticsearch

Search and analyze data

Elasticsearch version 8.18.0

Docs > Elasticsearch > Reference

<https://www.elastic.co/guide/en/elasticsearch/reference/current/release-notes-8.18.0.html>

Elasticsearch version 8.17.4

Docs > Elasticsearch > Reference

<https://www.elastic.co/guide/en/elasticsearch/reference/current/release-notes-8.17.4.html>

Logstash Reference

Logstash Reference:

8.18 (current)

Logstash Introduction

Getting Started with Logstash

How Logstash Works

Setting Up and Running Logstash

Upgrading Logstash

Creating a Logstash pipeline

Secure your connection



Documentation x

Logstash x

stdout



Logstash configuration files in Kubernetes

Docs > Logstash-Kubernetes

<https://www.elastic.co/guide/en/logstash-kubernetes/current/ls-k8s-configuration-files.html>

Logstash 8.17.3 Release Notes | Logstash Reference [8.17]

Docs > Logstash

<https://www.elastic.co/guide/en/logstash/current/logstash-8-17-3.html>

Secure your environment

Docs > Logstash-Kubernetes

<https://www.elastic.co/guide/en/logstash-kubernetes/current/ls-k8s-secure.html>

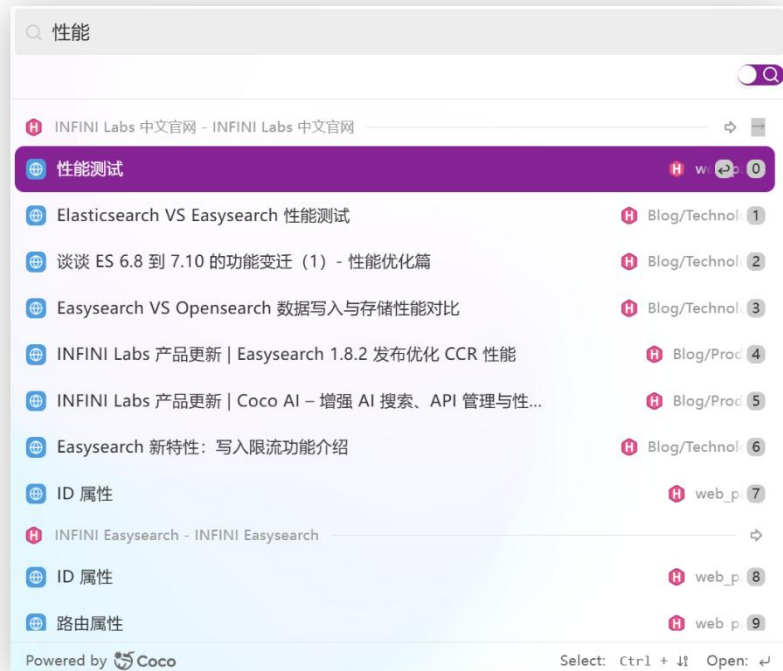
Powered by **ESRE** [Learn more](#)

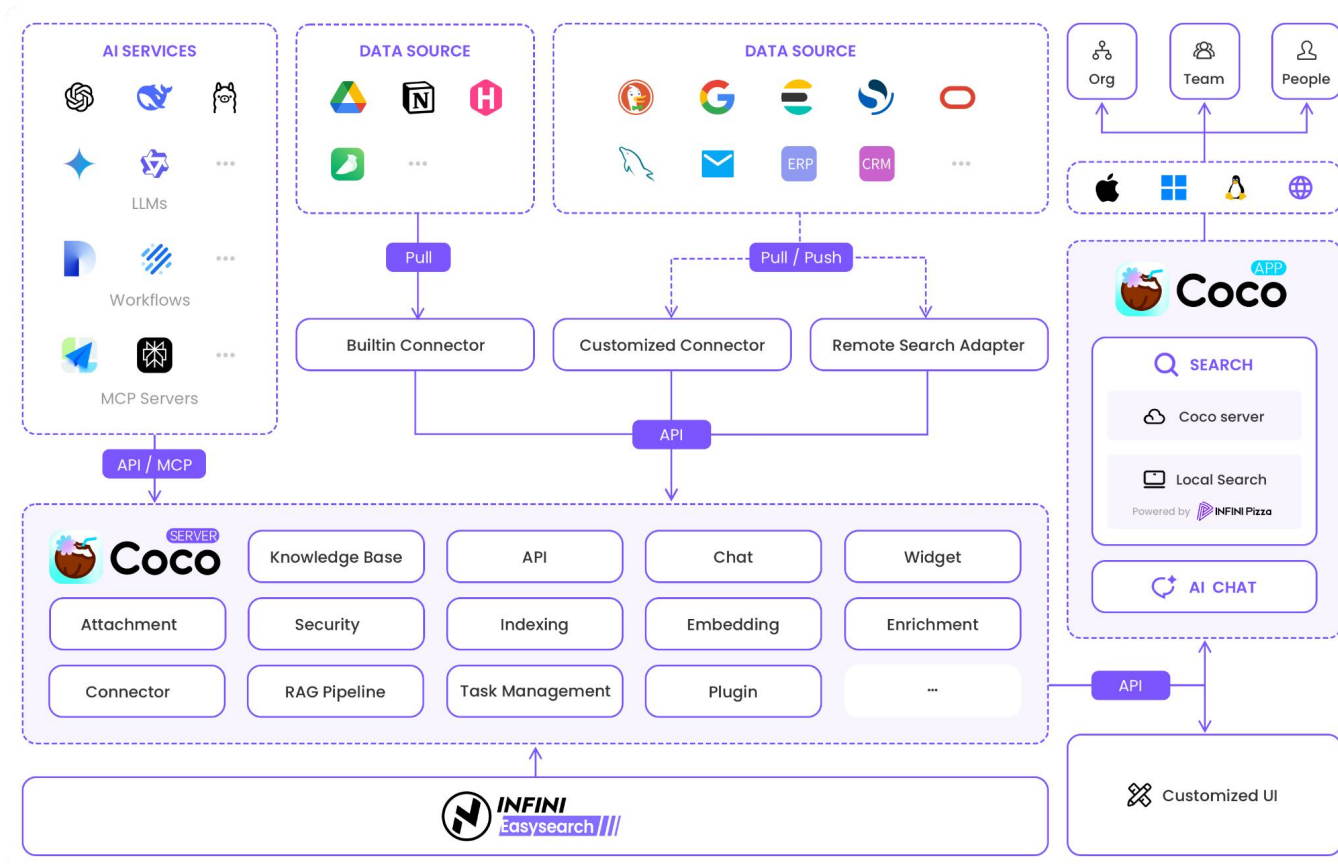
Coco AI

极限科技内部的智能搜索助手

- 官网
- 博客
- 工作文档

都已经在用了，而且效果不错





解决办法 — Coco AI

要求



搜索

一站式检索多个数据源



AI 协作

AI 内容提炼、问答

更多功能欢迎大家扩展!

多源整合搜索 助力问题快速定位

Elastic 官方文档

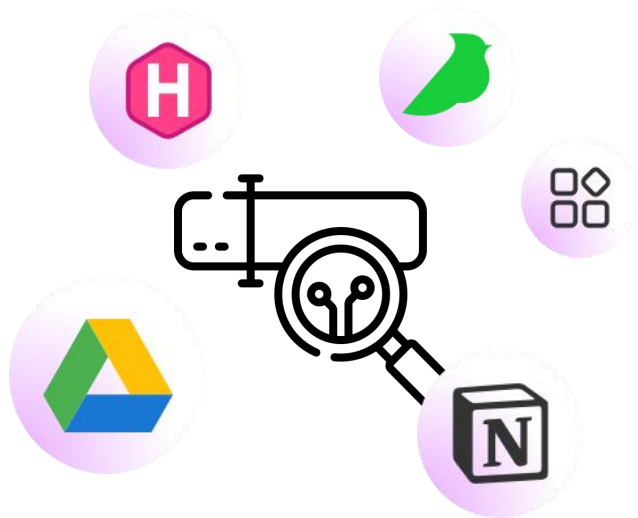
- Elasticsearch
- Beats
- Logstash

官方论坛

Github issue

搜索客论坛

ES日报



打造专属任务小助手

针对特定类型的任务去设计、配置

ES 版本升级小助手

- 目标版本已知问题和bug
- 升级方法
- 论坛里其他人踩过的坑

ES 参数查询小助手

- 通过描述查询参数
- 通过参数名查询细节



DEMO

如何实现



<https://docs.infinilabs.com/coco-server/main/docs/references/document/>

web

文档

论坛

DB

Document API Reference

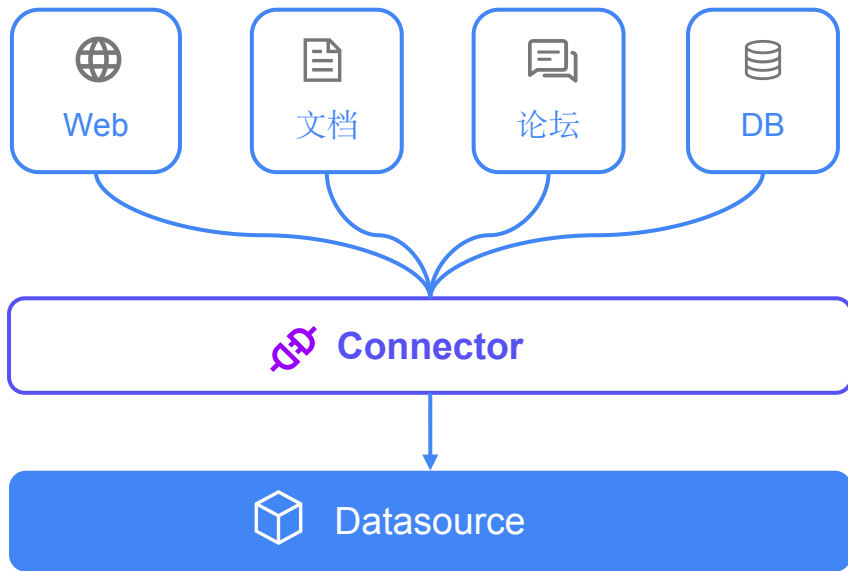
Documents

Below is the field description for the document.

Field	Type	Description
<code>source</code>	<code>object</code>	The source of the document.
<code>category</code>	<code>string</code>	Primary category of the document, e.g., <code>report</code> .
<code>subcategory</code>	<code>string</code>	Secondary category of the document, e.g., <code>2024</code> .
<code>categories</code>	<code>array[string]</code>	List of categories the document belongs to, e.g., <code>["business", "quarterly_reports"]</code> .
<code>cover</code>	<code>string (URL)</code>	URL to the cover image of the document.
<code>title</code>	<code>string</code>	Title of the document, e.g., <code>Q3 Business Report</code> .
<code>summary</code>	<code>string</code>	A brief summary of the document content.
<code>type</code>	<code>string</code>	Type of the document, e.g., <code>PDF</code> .
<code>lang</code>	<code>string</code>	Language of the document, e.g., <code>en</code> .
<code>content</code>	<code>string</code>	The main content or body of the document.
<code>icon</code>	<code>string (URL)</code>	URL to the document's icon.
<code>thumbnail</code>	<code>string (URL)</code>	URL to the document's thumbnail image.
<code>tags</code>	<code>array[string]</code>	Tags associated with the document, e.g., <code>["finance", "quarterly", "business", "report"]</code> .



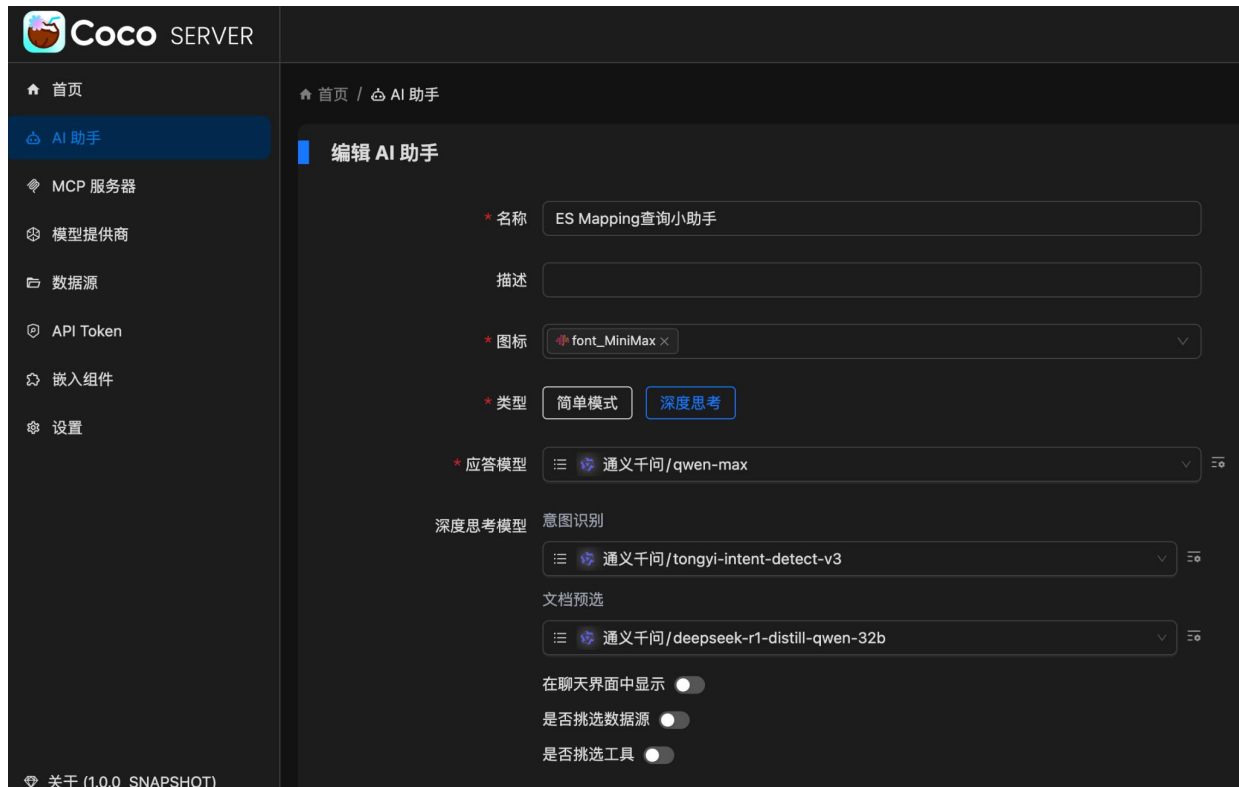
<https://docs.infinilabs.com/coco-server/main/docs/references/document/>



提前建立 Connector、Datasource

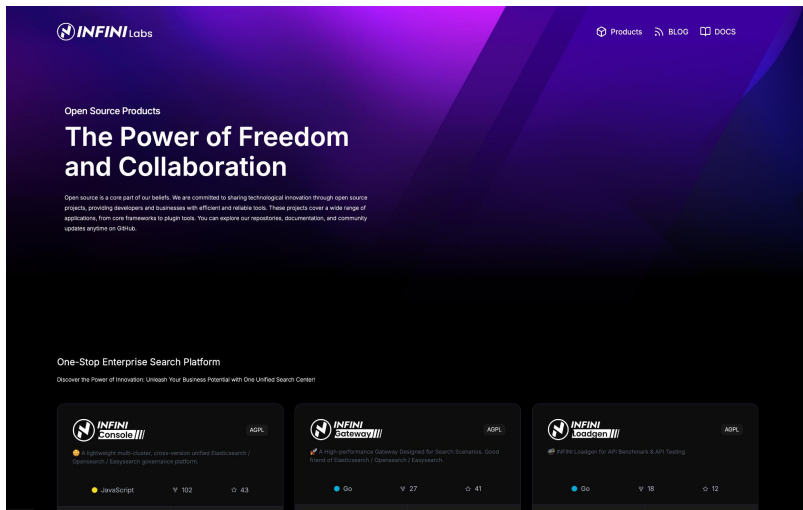


<https://docs.infinilabs.com/coco-server/main/docs/references/document/>



开放开源,合作共赢

<https://gitcode.com/infinilabs> 欢迎 Star & Follow



APP 下载地址

<https://coco.rs/>

服务端

```
docker run -p 9000:9000 -p 2900:2900  
infinilabs/coco:0.3.1-2009
```



极限科技 · 让搜索更简单

谢谢

欢迎关注

<https://infinilabs.cn/>