🏠 ■ Components ■ Tools/Toolkits

Tools

Tools are utilities designed to be called by a model: their inputs are designed to be generated by models, and their outputs are designed to be passed back to models.

A toolkit is a collection of tools meant to be used together.

> ⓘ **INFO**
>
> If you'd like to write your own tool, see this how-to. If you'd like to contribute an integration, see Contributing integrations.

Search

The following table shows tools that execute online searches in some shape or form:

Tool/Toolkit	Free/Paid	Return Data
Bing Search	Paid	URL, Snippet, Title
Brave Search	Free	URL, Snippet, Title
DuckDuckgoSearch	Free	URL, Snippet, Title
Exa Search	1000 free searches/month	URL, Author, Title, Published Date
Google Search	Paid	URL, Snippet, Title
Google Serper	Free	URL, Snippet, Title, Search Rank, Site Links

Tool/Toolkit	Free/Paid	Return Data ✖
Jina Search	1M Response Tokens Free	URL, Snippet, Title, Page Content
Mojeek Search	Paid	URL, Snippet, Title
SearchApi	100 Free Searches on Sign Up	URL, Snippet, Title, Search Rank, Site Links, Authors
SearxNG Search	Free	URL, Snippet, Title, Category
SerpApi	250 Free Searches/Month	Answer
Tavily Search	1000 free searches/month	URL, Content, Title, Images, Answer
You.com Search	Free for 60 days	URL, Title, Page Content

Code Interpreter

The following table shows tools that can be used as code interpreters:

Tool/Toolkit	Supported Languages	Sandbox Lifetime	Supports File Uploads	Return Types	Supports Self-Hosting
Azure Container Apps dynamic sessions	Python	1 Hour	✅	Text, Images	✖

Tool/Toolkit	Supported Languages	Sandbox Lifetime	Supports File Uploads	Return Types	Supports Self-Hosting
Bearly Code Interpreter	Python	Resets on Execution	✅	Text	❌
Riza Code Interpreter	Python, JavaScript, PHP, Ruby	Resets on Execution	✅	Text	✅

Productivity

The following table shows tools that can be used to automate tasks in productivity tools:

Tool/Toolkit	Pricing
Github Toolkit	Free
Gitlab Toolkit	Free for personal project
Gmail Toolkit	Free, with limit of 250 quota units per user per second
Infobip Tool	Free trial, with variable pricing after
Jira Toolkit	Free, with rate limits
Office365 Toolkit	Free with Office365, includes rate limits
Slack Toolkit	Free
Twilio Tool	Free trial, with pay-as-you-go pricing after

Web Browsing

The following table shows tools that can be used to automate tasks in web browsers:

Tool/Toolkit	Pricing	Supports Interacting with the Browser
AgentQL Toolkit	Free trial, with pay-as-you-go and flat rate plans after	✅
Anchor Browser	Free trial, with flat rate plans and pre-paid credits after	✅
Hyperbrowser Browser Agent Tools	Free trial, with flat rate plans and pre-paid credits after	✅
Hyperbrowser Web Scraping Tools	Free trial, with flat rate plans and pre-paid credits after	❌
MultiOn Toolkit	40 free requests/day	✅
Oxylabs Web Scraper API	Free trial, with flat rate plans and pre-paid credits after	❌
PlayWright Browser Toolkit	Free	✅
Requests Toolkit	Free	❌

Database

The following table shows tools that can be used to automate tasks in databases:

Tool/Toolkit	Allowed Operations
Cassandra Database Toolkit	SELECT and schema introspection
MCP Toolbox	Any SQL operation
SQLDatabase Toolkit	Any SQL operation
Spark SQL Toolkit	Any SQL operation

Finance

The following table shows tools that can be used to execute financial transactions such as payments, purchases, and more:

Tool/Toolkit	Pricing	Capabilities
GOAT	Free	Create and receive payments, purchase physical goods, make investments, and more.

All tools

Name	Description
ADS4GPTs	Integrate AI native advertising into your Agentic application.
AgentQL	AgentQL tools provides web interaction and structured data extraction...

Name	Description
AINetwork Toolkit	AI Network is a layer 1 blockchain designed to accommodate large-scal...
Alpha Vantage	Alpha Vantage Alpha Vantage provides realtime and historical financia...
Amadeus Toolkit	This notebook walks you through connecting LangChain to the Amadeus t...
Anchor Browser	Anchor is a platform for AI Agentic browser automation, which solves ...
Apify Actor	Apify Actors are cloud programs designed for a wide range of web scra...
ArXiv	This notebook goes over how to use the arxiv tool with an agent.
AskNews	AskNews infuses any LLM with the latest global news (or historical ne...
AWS Lambda	Amazon AWS Lambda is a serverless computing service provided by Amazo...
Azure AI Services Toolkit	This toolkit is used to interact with the Azure AI Services API to ac...
Azure Cognitive Services Toolkit	This toolkit is used to interact with the Azure Cognitive Services AP...
Azure Container Apps dynamic sessions	Azure Container Apps dynamic sessions provides a secure and scalable ...

Name	Description
Shell (bash)	Giving agents access to the shell is powerful (though risky outside a...
Bearly Code Interpreter	Bearly Code Interpreter allows for remote execution of code. This mak...
Bing Search	Bing Search is an Azure service and enables safe, ad-free, location-a...
Brave Search	This notebook goes over how to use the Brave Search tool.
BrightDataWebScraperAPI	Bright Data provides a powerful Web Scraper API that allows you to ex...
BrightDataSERP	Bright Data provides a powerful SERP API that allows you to query sea...
BrightDataUnlocker	Bright Data provides a powerful Web Unlocker API that allows you to a...
Cassandra Database Toolkit	Apache Cassandra® is a widely used database for storing transactional...
CDP	The CDP Agentkit toolkit contains tools that enable an LLM agent to i...
ChatGPT Plugins	OpenAI has deprecated plugins.
ClickUp Toolkit	ClickUp is an all-in-one productivity platform that provides small an...

Name	Description
Cogniswitch Toolkit	CogniSwitch is used to build production ready applications that can c...
Compass DeFi Toolkit	Interact with various DeFi protocols. Non-custodial.Tools return unsi...
Connery Toolkit and Tools	Using the Connery toolkit and tools, you can integrate Connery Action...
Dall-E Image Generator	OpenAI Dall-E are text-to-image models developed by OpenAI using deep...
Dappier	Dappier connects any LLM or your Agentic AI to real-time, rights-clea...
Databricks Unity Catalog (UC)	This notebook shows how to use UC functions as LangChain tools, with ...
DataForSEO	DataForSeo provides comprehensive SEO and digital marketing data solu...
Dataherald	This notebook goes over how to use the dataherald component.
DuckDuckGo Search	This guide shows over how to use the DuckDuckGo search component.
Discord	This notebook provides a quick overview for getting started with Disc...
E2B Data Analysis	E2B's cloud environments are great runtime sandboxes for LLMs.

Name	Description
Eden AI	This Jupyter Notebook demonstrates how to use Eden AI tools with an A...
ElevenLabs Text2Speech	This notebook shows how to interact with the ElevenLabs API to achiev...
Exa Search	Exa is a search engine fully designed for use by LLMs. Search for doc...
File System	LangChain provides tools for interacting with a local file system out...
FinancialDatasets Toolkit	The financial datasets stock market API provides REST endpoints that ...
FMP Data	Access financial market data through natural language queries.
Github Toolkit	The Github toolkit contains tools that enable an LLM agent to interac...
Gitlab Toolkit	The Gitlab toolkit contains tools that enable an LLM agent to interac...
Gmail Toolkit	This will help you get started with the GMail toolkit. This toolkit i...
GOAT	GOAT is the finance toolkit for AI agents.
Golden Query	Golden provides a set of natural language APIs for querying and enric...

Name	Description
Google Books	The Google Books tool that supports the ReAct pattern and allows you ...
Google Calendar Toolkit	Google Calendar is a product of Google Workspace that allows users to...
Google Cloud Text-to-Speech	Google Cloud Text-to-Speech enables developers to synthesize natural-...
Google Drive	This notebook walks through connecting a LangChain to the Google Driv...
Google Finance	This notebook goes over how to use the Google Finance Tool to get inf...
Google Imagen	Imagen on Vertex AI brings Google's state of the art image generative...
Google Jobs	This notebook goes over how to use the Google Jobs Tool to fetch curr...
Google Lens	This notebook goes over how to use the Google Lens Tool to fetch info...
Google Places	This notebook goes through how to use Google Places API
Google Scholar	This notebook goes through how to use Google Scholar Tool
Google Search	This notebook goes over how to use the google search component.

Name	Description
Google Serper	This notebook goes over how to use the Google Serper component to sea...
Google Trends	This notebook goes over how to use the Google Trends Tool to fetch tr...
Gradio	There are many 1000s of Gradio apps on Hugging Face Spaces. This libr...
GraphQL	GraphQL is a query language for APIs and a runtime for executing thos...
HuggingFace Hub Tools	Huggingface Tools that supporting text I/O can be
Human as a tool	Human are AGI so they can certainly be used as a tool to help out AI ...
Hyperbrowser Browser Agent Tools	Hyperbrowser is a platform for running, running browser agents, and s...
Hyperbrowser Web Scraping Tools	Hyperbrowser is a platform for running and scaling headless browsers....
IBM watsonx.ai	WatsonxToolkit is a wrapper for IBM watsonx.ai Toolkit.
IFTTT WebHooks	This notebook shows how to use IFTTT Webhooks.
Infobip	This notebook that shows how to use Infobip API wrapper to send SMS m...

Name	Description
Ionic Shopping Tool	Ionic is a plug and play ecommerce marketplace for AI Assistants. By ...
Jenkins	Tools for interacting with Jenkins.
Jina Search	This notebook provides a quick overview for getting started with Jina...
Jira Toolkit	This notebook goes over how to use the Jira toolkit.
JSON Toolkit	This notebook showcases an agent interacting with large JSON/dict obj...
Lemon Agent	Lemon Agent helps you build powerful AI assistants in minutes and aut...
LinkupSearchTool	Linkup provides an API to connect LLMs to the web and the Linkup Prem...
Memgraph	This will help you get started with the Memgraph toolkit.
Memorize	Fine-tuning LLM itself to memorize information using unsupervised lea...
Mojeek Search	The following notebook will explain how to get results using Mojeek S...
MultiOn Toolkit	MultiON has built an AI Agent that can interact with a broad array of...

Name	Description
NASA Toolkit	This notebook shows how to use agents to interact with the NASA toolk...
Naver Search	The Naver Search Tool provides a simple interface to search Naver and...
Nuclia Understanding	Nuclia automatically indexes your unstructured data from any internal...
NVIDIA Riva: ASR and TTS	NVIDIA Riva
Office365 Toolkit	Microsoft 365 is a product family of productivity software, collabora...
OpenAPI Toolkit	We can construct agents to consume arbitrary APIs, here APIs conforma...
Natural Language API Toolkits	Natural Language API Toolkits (NLAToolkits) permit LangChain Agents t...
OpenGradient	This notebook shows how to build tools using the OpenGradient toolkit...
OpenWeatherMap	This notebook goes over how to use the OpenWeatherMap component to fe...
Oracle AI Vector Search: Generate Summary	Oracle AI Vector Search is designed for Artificial Intelligence (AI) ...
Oxylabs	Oxylabs is a market-leading web intelligence collection platform, dri...

Name	Description
Pandas Dataframe	This notebook shows how to use agents to interact with a Pandas DataF...
Passio NutritionAI	To best understand how NutritionAI can give your agents super food-nu...
PaymanAI	PaymanAI provides functionality to send and receive payments (fiat an...
Permit	Permit is an access control platform that provides fine-grained, real...
PlayWright Browser Toolkit	Playwright is an open-source automation tool developed by Microsoft t...
Polygon IO Toolkit and Tools	This notebook shows how to use agents to interact with the Polygon IO...
PowerBI Toolkit	This notebook showcases an agent interacting with a Power BI Dataset....
Prolog	LangChain tools that use Prolog rules to generate answers.
PubMed	PubMed® comprises more than 35 million citations for biomedical liter...
Python REPL	Sometimes, for complex calculations, rather than have an LLM generate...
Reddit Search	In this notebook, we learn how the Reddit search tool works.

Name	Description
Requests Toolkit	We can use the Requests toolkit to construct agents that generate HTT...
Riza Code Interpreter	The Riza Code Interpreter is a WASM-based isolated environment for ru...
Robocorp Toolkit	This notebook covers how to get started with Robocorp Action Server a...
Salesforce	A tool for interacting with Salesforce CRM using LangChain.
SceneXplain	SceneXplain is an ImageCaptioning service accessible through the Scen...
ScrapeGraph	This notebook provides a quick overview for getting started with Scra...
Scrapeless	Scrapeless offers flexible and feature-rich data acquisition services...
Scrapeless	Scrapeless offers flexible and feature-rich data acquisition services...
Scrapeless	Scrapeless offers flexible and feature-rich data acquisition services...
LangChain – ScraperAPI	Give your AI agent the ability to browse websites, search Google and ...
SearchApi	This notebook shows examples of how to use SearchApi to search the we...

Name	Description
SearxNG Search	This notebook goes over how to use a self hosted SearxNG search API t...
Semantic Scholar API Tool	This notebook demos how to use the semantic scholar tool with an agen...
SerpAPI	This notebook goes over how to use the SerpAPI component to search th...
Slack Toolkit	This will help you get started with the Slack toolkit. For detailed d...
Spark SQL Toolkit	This notebook shows how to use agents to interact with Spark SQL. Sim...
SQLDatabase Toolkit	This will help you get started with the SQL Database toolkit. For det...
StackExchange	Stack Exchange is a network of question-and-answer (Q&A) websites on ...
Steam Toolkit	Steam (Wikipedia)) is a video game digital distribution service and s...
Stripe	This notebook provides a quick overview for getting started with Stri...
Tableau	This notebook provides a quick overview for getting started with Tabl...
Taiga	This notebook provides a quick overview for getting started with Taig...

Name	Description
Tavily Extract	Tavily is a search engine built specifically for AI agents (LLMs), de...
Tavily Search	Tavily's Search API is a search engine built specifically for AI agen...
Tilores	This notebook covers how to get started with the Tilores tools.
timbr	Timbr integrates natural language inputs with Timbr's ontology-driven...
MCP Toolbox for Databases	Integrate your databases with LangChain agents using MCP Toolbox.
Twilio	This notebook goes over how to use the Twilio API wrapper to send a m...
Upstage	This notebook covers how to get started with Upstage groundedness che...
Valthera	Enable AI agents to engage users when they're most likely to respond.
ValyuContext	Valyu allows AI applications and agents to search the internet and pr...
Vectara	Vectara is the trusted AI Assistant and Agent platform which focuses ...
Wikidata	Wikidata is a free and open knowledge base that can be read and edite...

Name	Description
Wikipedia	Wikipedia is a multilingual free online encyclopedia written and main...
Wolfram Alpha	This notebook goes over how to use the wolfram alpha component.
Writer Tools	This notebook provides a quick overview for getting started with Writ...
Yahoo Finance News	This notebook goes over how to use the yahoofinancenews tool with an ...
You.com Search	The you.com API is a suite of tools designed to help developers groun...
YouTube	YouTube Search package searches YouTube videos avoiding using their h...
Zapier Natural Language Actions	Deprecated This API will be sunset on 2023-11-17//nla.zapier.com/star...
ZenGuard AI	This tool lets you quickly set up ZenGuard AI in your Langchain-power...
ZenRowsUniversalScraper	ZenRows is an enterprise-grade web scraping tool that provides advanc...