

Introduction to Dify

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1. Course Content

2. Dify

 2.1 Introduction

 2.2 Features

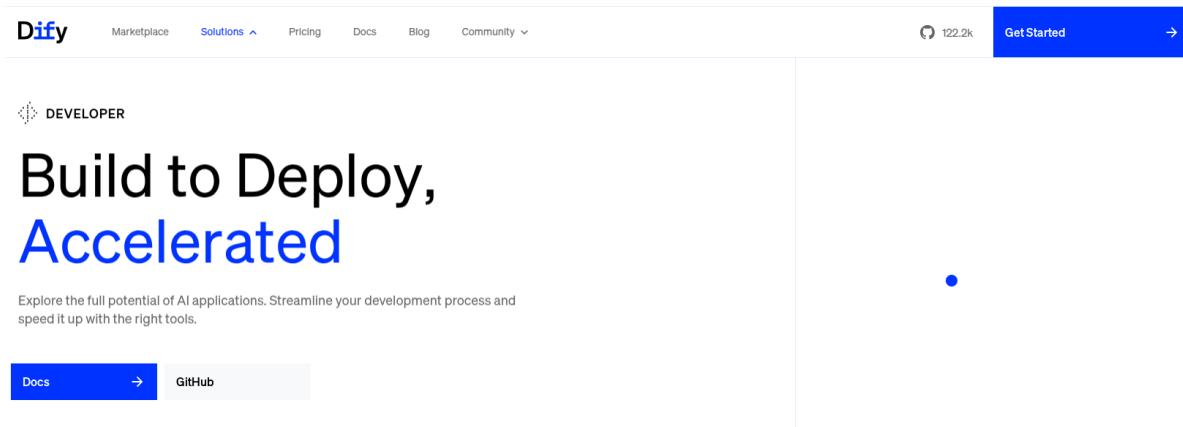
1. Course Content

- Understand the basic functions of Dify to facilitate the development of subsequent AI agents.

2. Dify

2.1 Introduction

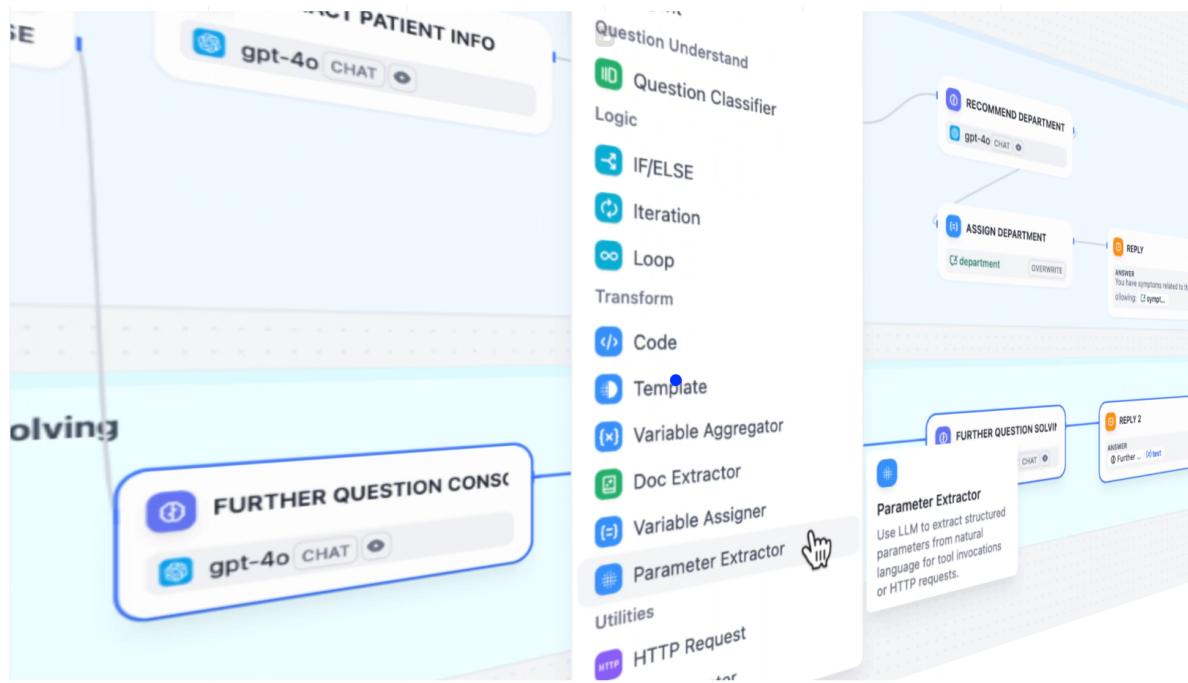
- Dify is an open-source development and deployment platform for **production-grade agentic AI solutions**. Developers can quickly build, deploy, and scale AI applications without requiring complex technical skills.



2.2 Features

- Visually build AI applications

Design AI workflows and applications intuitively through **drag-and-drop operations**. It supports the combination and nesting of complex logic, eliminating the need for in-depth backend development. Quickly complete the construction from conception to underlying logic, and rapidly build powerful AI agent applications.



- Seamless Integration with Large AI Models from Global Model Service Providers

Simply apply for the corresponding model service provider's API-KEY to easily access hundreds of online model services.

The screenshot shows the 'Model Provider' settings page. The left sidebar includes sections for WORKSPACE (Members, Billing, Data Source, API Extension, Customization) and GENERAL (Language). The main area is titled 'Model Provider' and contains a search bar and a list of providers. Each provider entry includes a logo, the provider name, and a 'Show Models >' button. Below this is a 'To be configured' section for providers like LM Studio, MistralAI, Ollama, Vlim, Gitee AI, and VERSAIL, each with a 'Set up api-key or add model to use' button. At the bottom, there is a 'Model Configuration' section with a 'Configure' button.

- Multi-Source Data Support

dify can extract and transform data from diverse data sources, automatically build indexes and store them in a vector database, providing efficient RAG (Retrieval Augmented Generation) for large models, and can directly deploy local RAG knowledge bases.

STEP 1 DATA SOURCE — **2** DOCUMENT PROC

Data Source

- Import from file
- Sync from Notion
- Sync from website

Upload file

Drag and drop file, or [Browse](#)

Supports TXT, MARKDOWN, MDX, PDF, HTML, XLSX, XLS, DOC, DOCX, CSV, EML, MSG, PPTX, XML, EPUB, PPT, MD, HTM. Max 15MB each.

a-practical-guide-to-building-agents.pdf PDF · 7.00MB	
How to Use Dify.pptx PPTX · 2.82MB	
What are AI agents.docx DOCX · 0.04MB	

Next →

- Rich Plugin System

Through Dify's rich plugin ecosystem, large AI models can be combined with tools and the RAG knowledge base to become AI agents, providing support for AI applications in various vertical fields.

Discover models, tools, data sources, agent strategies, extensions and bundles in Dify Marketplace

Request a plugin | [Publish plugins](#) | [+ Install plugin](#)

Category	Plugin Name	Description	Downloads	Tags
Partners	aspire search	aspire / aspire_search	11,549	AI, Search
Partners	AgentQL	jayfish0 / agentql	11,549	AI, Data Extraction
Partners	alipay_plugin	alipay / alipay_plugin	1,160	Business, Finance
Partners	alipay_subscribe	alipay / alipay_subscribe	302	Business, Finance
Partners	Bocha	seekerlu / bocha	14,320	Search
Partners	Brave	langgenius / brave	8,307	Search
Partners	data analysis	digitbrain / data_analysis	33,776	Data Analysis
Partners	E2B	langgenius / e2b	2,098	Tools
Partners	Fish Audio Tool	langgenius / fish_audio_tool	6,809	Utilities
Partners	HAP Application Tool	langgenius / hap	2,025	Productivity
Partners	DupDub	dupdub-dify / dupdub	1,924	Tools
Partners	OpenRouter	langgenius / openrouter	61,129	Models
Partners	Oracle Database Query	langgenius / oracle_db_23ai	1,277	Tools
Partners	Oracle AI Database	langgenius / oracle_ai_db	511	Tools
Partners	OceanBase	oceanbase / oceanbase	234	Utilities, Search