

Diffy x Oceanbase

副标题-阿里巴巴普惠体_Bold 57磅

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Sr. Developer Relations





01

Dify Introduction

Global Growth & Enterprise Readiness

2.5

Years

5

Physical Offices

10 x

Revenue Growth

70 +

Talents

200 +

Global Enterprise and MNC Clients



NORTH AMERICA

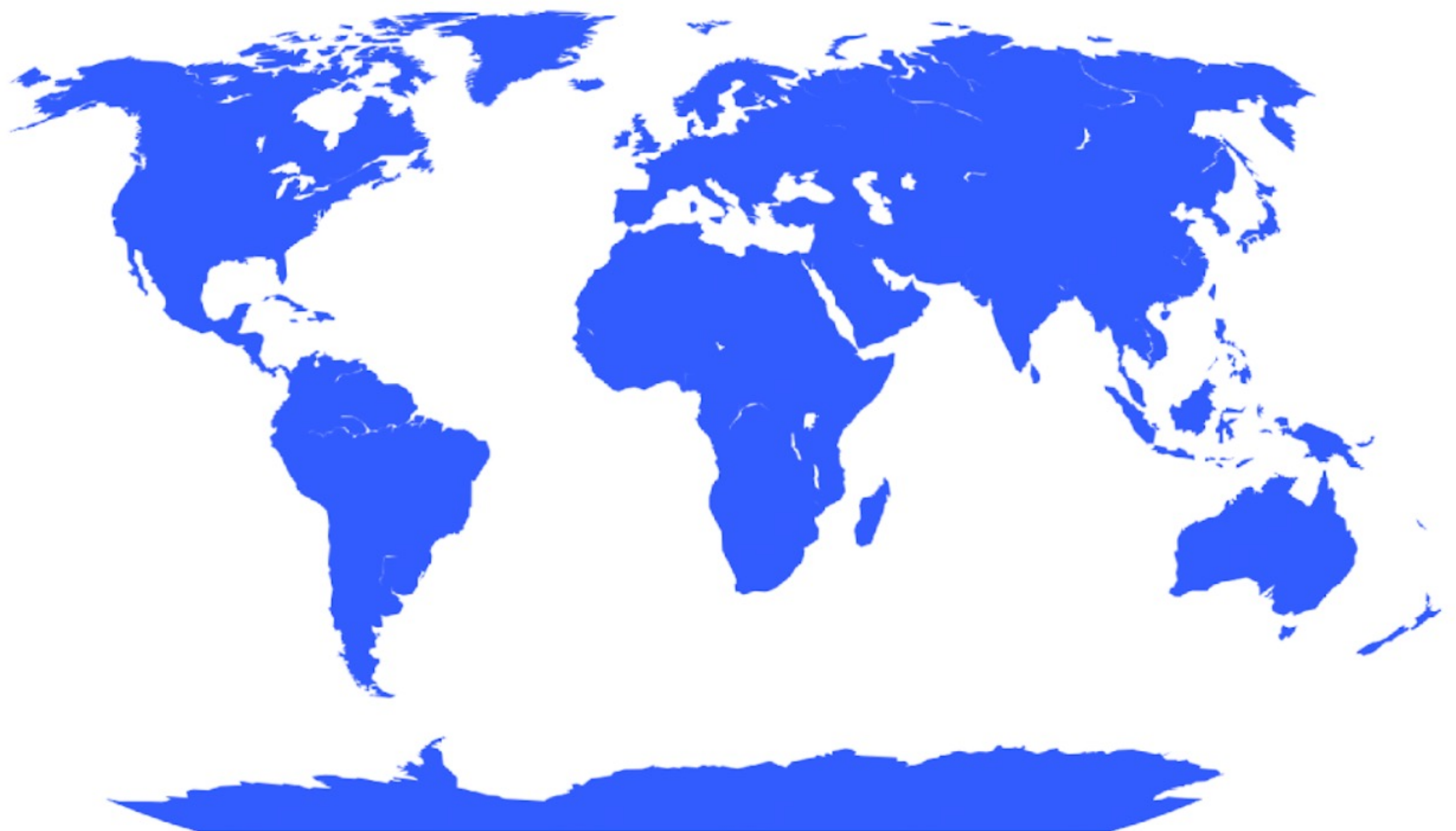
- SUNNYVALE

EUROPE

- PARIS

EAST ASIA

- TOKYO
- SHANGHAI
- SUZHOU



As the **47th** most popular open source project of all time, we have worked with many companies in **putting AI to real work.**

POPULARITY

110,000+

GitHub Stars

OPEN-SOURCE CONTRIBUTION

800+

Contributors

LOCAL DEPLOYMENT

5,500,000+

Docker Pulls

BUILD APPS

1,000,000+

Apps Powered by Dify

Trusted and Use by
Leading Enterprises Across Industries Worldwide

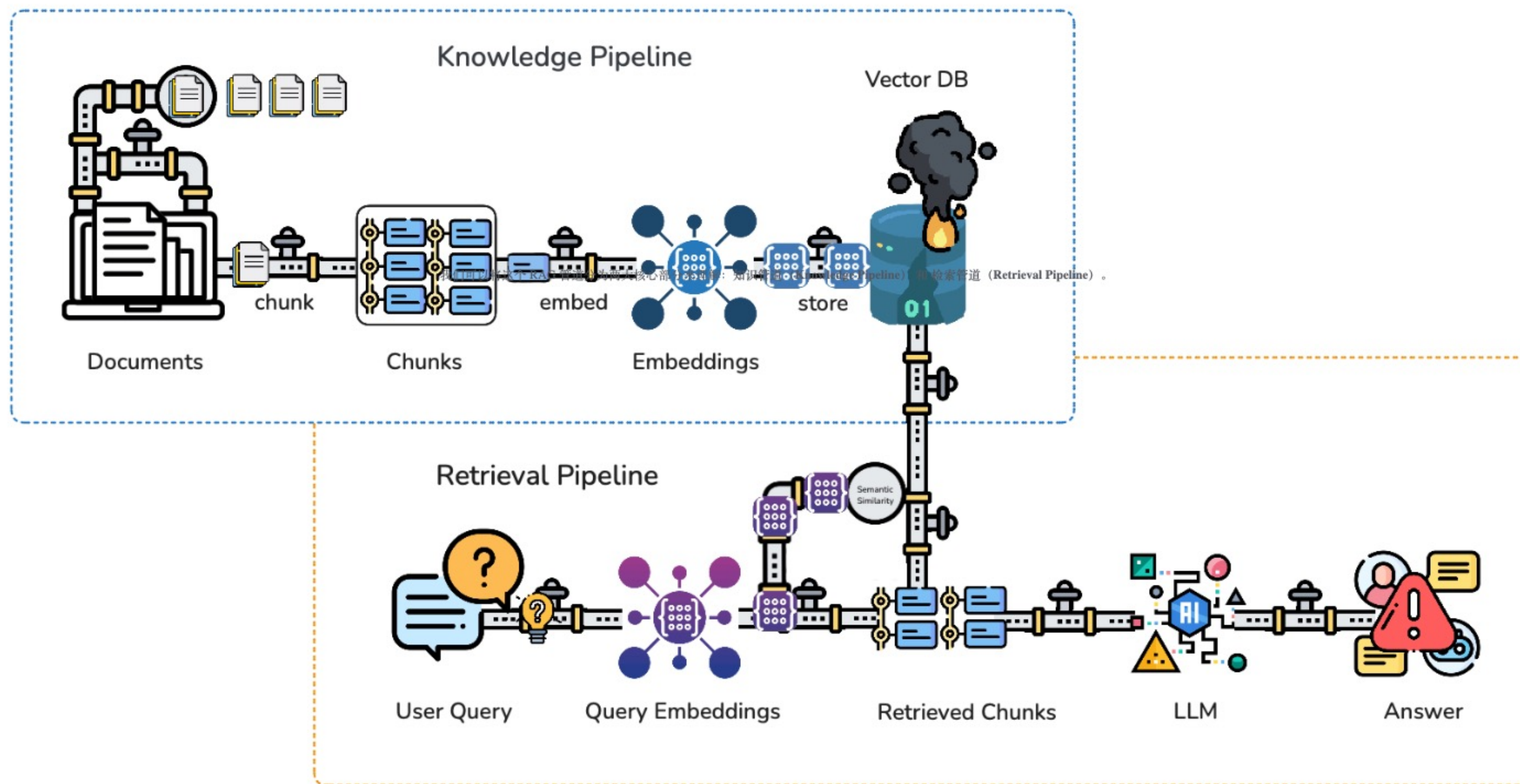
VOLVO

Panasonic



GovTech 東京







02

Dify MySQL 的适配

为什么没有支持 MySQL

框内为合作伙伴logo区域，
虚线仅做示意，可删除



api/configs/middleware/vdb/oceanbase_config.py		+14 -14		Viewed	
@@ -7,29 +7,29 @@ class OceanBaseVectorConfig(BaseSettings):					
7	Configuration settings for OceanBase Vector database	7	Configuration settings for OceanBase Vector database		
8	"""	8	"""		
9		9			
10	- OCEANBASE_VECTOR_HOST: str None = Field(	10	+ OCEANBASE_HOST: str = Field(		
11	- description="Hostname or IP address of the OceanBase Vector server (e.g.	11	+ description="OceanBase hostname or IP address.",		
12	- 'localhost')",	12	+ default="localhost",		
13	- default=None,	13	)		
14	)	14			
15	- OCEANBASE_VECTOR_PORT: PositiveInt None = Field(	15	+ OCEANBASE_PORT: PositiveInt = Field(		
16	- description="Port number on which the OceanBase Vector server is listening (default is	16	+ description="OceanBase port number.",		
17	- 2881)",	17	default=2881,		
18	- default=2881,	18	)		
19	)	19			
20	- OCEANBASE_VECTOR_USER: str None = Field(	20	+ OCEANBASE_USER: str = Field(		
21	- description="Username for authenticating with the OceanBase Vector database",	21	+ description="OceanBase username.",		
22	- default=None,	22	+ default="root@test",		
23	- default=None,	23	)		
24	)	24			
25	- OCEANBASE_VECTOR_PASSWORD: str None = Field(	25	+ OCEANBASE_PASSWORD: str = Field(		
26	- description="Password for authenticating with the OceanBase Vector database",	26	+ description="OceanBase password.",		
27	- default=None,	27	+ default="difyai123456",		
28	- default=None,	28	)		
29	)	29			
30	- OCEANBASE_VECTOR_DATABASE: str None = Field(	30	+ OCEANBASE_DATABASE: str = Field(		
31	- description="Name of the OceanBase Vector database to connect to",	31	+ description="OceanBase database name.",		
32	- default=None,	32	+ default="test",		
33	- default=None,	33	)		
34	)	34			
35	OCEANBASE_ENABLE_HYBRID_SEARCH: bool = Field(	35	OCEANBASE_ENABLE_HYBRID_SEARCH: bool = Field(		

@@ -634,8 +642,15 @@ services:			
634	PLUGIN_MAX_PACKAGE_SIZE:	642	PLUGIN_MAX_PACKAGE_SIZE:
	\${PLUGIN_MAX_PACKAGE_SIZE:-52428800}		\${PLUGIN_MAX_PACKAGE_SIZE:-52428800}
635	INNER_API_KEY_FOR_PLUGIN: \${PLUGIN_DIFY_INNER_API_KEY:-	643	INNER_API_KEY_FOR_PLUGIN: \${PLUGIN_DIFY_INNER_API_KEY:-
	QaHbTe77CtuXmsfyhR7+vRjI/+XbV1AaFy691iy+kGDv2Jvy0/eAh8Y1}		QaHbTe77CtuXmsfyhR7+vRjI/+XbV1AaFy691iy+kGDv2Jvy0/eAh8Y1}
636	depends_on:	644	depends_on:
637	- db:	645	+ db_postgres:
638	condition: service_healthy	646	condition: service_healthy
		647	+ required: false
		648	+ db_mysql:
		649	+ condition: service_healthy
		650	+ required: false
		651	+ oceanbase:
		652	+ condition: service_healthy
		653	+ required: false
639	redis:	654	redis:
640	condition: service_started	655	condition: service_started
641	volumes:	656	volumes:

```

+ // Load database configuration based on DB_TYPE
+ if err := config.LoadDBConfig(); err != nil {
+     log.Panic("Error loading DB configuration: %s", err.Error())
+ }
+

```


longbingljw commented [last week](#) • edited by crazywoola ▾
...

Description

Set separate USERNAME, PASSWORD, HOST, and PORT for both PostgreSQL and MySQL in the .env file, and use DB_TYPE to control which set of credentials to use for the database connection..So user can only change DB_TYPE to switch db config for plugin-daemon.

Closes [#490](#)

Type of Change

☐ Bug fix
 ☒ New feature
 ☐ Refactor
 ☐ Performance improvement
 ☐ Other

Essential Checklist

Testing

☒ I have tested the changes locally and confirmed they work as expected
 ☐ I have added unit tests where necessary and they pass successfully

Bug Fix (if applicable)

☒ I have used GitHub syntax to close the related issue (e.g., `Fixes #123` or `Closes #123`)

```

+ // LoadDBConfig loads database configuration based on DB_TYPE
+ // Only updates 4 fields: DBUsername, DBPassword, DBHost, DBPort
+ func (c *Config) LoadDBConfig() error {
+     var prefix string
+     switch c.DBType {
+     case "mysql":
+         prefix = "MYSQL"
+     case "postgresql":
+         prefix = "POSTGRES"
+     case "oceanbase":
+         prefix = "OCEANBASE"
+     default:
+         return nil
+     }
+
+     if user, ok := os.LookupEnv(prefix + "_USER"); ok {
+         c.DBUsername = user
+     }
+     if password, ok := os.LookupEnv(prefix + "_PASSWORD"); ok {
+         c.DBPassword = password
+     }
+     if host, ok := os.LookupEnv(prefix + "_HOST"); ok {
+         c.DBHost = host
+     }
+
+     if portStr, ok := os.LookupEnv(prefix + "_PORT"); ok {
+         port, err := strconv.ParseUint(portStr, 10, 16)
+         if err != nil {
+             return fmt.Errorf("invalid %s_PORT value: %q", prefix, portStr)
+         }
+         c.DBPort = uint16(port)
+     }
+
+     return nil
+ }
+

```



03

Workshop



小红书



Bilibili

谢谢