## 2017-02-18 MySQL 複習筆記

## Mysql歷史

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- ·Mysql是目前很受歡迎的資料庫管理系統之一
- 。原本是一個開放原始碼的關聯式資料庫管理系統,原開發公司為瑞典的 MySQL AB公司
  - 。2008年被昇陽 (Sun Microsystems) 收購
  - 。2009年,甲骨文收購昇陽,MySQL成為Oracle旗下產品

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MySQL關聯式資料庫管理系統 (DBMS)

- ·開放原始碼 (Community Server)
- •速度快的,可靠的,且易於使用
- ・主從式架構 (Client/Server)
- ·大量的網路貢獻者,提供MySQL相關軟體

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安裝Mysql

指令: brew install mysql

啟動Mysql

啟動server指令: mysql.server start

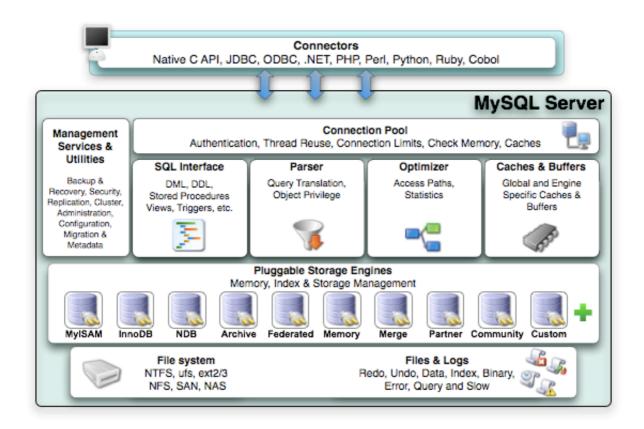
開啟mysql: sudo mysql

關閉server: mysql.server stop

```
Last login: Sat Feb 18 17:04:34 on ttys000
Mac-10:∼ mac$ mysql.server start
Starting MySQL
. SUCCESS!
Mac-10:~ mac$ sudo mysql
Password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.7.17 Homebrew
Copyright (c) 2000, 2016, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql>
mysql> exit
Bye
Mac-10:~ mac$ mysql.server stop
Shutting down MySQL
. SUCCESS!
Mac-10:~ mac$
```

Mysql Server

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## Mysql 命令

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- Show databases
  - 。列出目前伺服器現存的所有資料庫

- · CREATE DATEBASE [DATABASE NAME]
  - 。建立新的資料庫

- · USE [DATABASE NAME]
  - 。建立新的資料庫

```
mysql> use ab104;
Database changed
```

- · SHOW TABLES
  - 。查看資料庫中有哪些檔案

```
mysql> show tables;
Empty set (0.00 sec)
```

- · SOURCE + 路徑 (注意:路徑不可為中文) 。 匯入資料庫,建立資料庫中的資料表
- mysql> source /Volumes/HSU/iii/RDB/MySQL\_demobld.sql;
  Query OK, 0 rows affected (0.02 sec)

  Query OK, 1 row affected (0.01 sec)

  Query OK, 1 row affected (0.00 sec)

  Query OK, 1 row affected (0.00 sec)

  Query OK, 1 row affected (0.00 sec)

  Query OK, 0 rows affected (0.02 sec)

  Query OK, 1 row affected (0.00 sec)

。列出指定資料表的欄位資訊

· Select + 欄位名稱 from +哪個資料表 。列出資料表資料

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