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1 Sqlite3 in Windows 8.1
2 1. Sqlite3 install
3   1) visit www.sqlite.org
4   2) Downloads sqlite-tools-win32-x86-xxx.zip
5   3) Unzip 후 C:\Sqlite3 폴더에 paste.
6   4) Command Window 에서 C:\Sqlite3\sqlite3 test.db
7   5) sqlite>.databases --> C:\Sqlite3\test.db 파일 생성
8   6) sqlite>CREATE TABLE test(id INT PRIMARY KEY, pwd VARCHAR NOT NULL);
9   7) sqlite>.tables ---> table 확인
10  8) sqlite>.quit
11
12 2. Sqlite Database Browser install
13  1)http://sourceforge.net/projects/sqlitebrowser/ or
14  2)https://github.com/sqlitebrowser/sqlitebrowser
15  3)Downloads DB.Browser.for.SQLite-3.9.0-beta1-win64.exe
16  4)Installation
17  5)Execution
18
19 3. Eclipse에 SQL Explorer plug-in
20  1)Visit http://www.sqlexplorer.org/
21  2)Downloads sqlexplorer\_plugin-3.6.1.SR6.zip
22
23 4. Sqlite3 JDBC Driver Downloads
24  1) Visit https://bitbucket.org/xerial/sqlite-jdbc/downloads or
25  2) https://github.com/xerial/sqlite-jdbc
26  3) Downloads sqlite-jdbc-3.16.1.jar
27  4) move sqlite-jdbc-3.16.1.jar to C:\Sqlite3
28
29 5. Eclipse SQL Explorer 에서 test.db 연결하기
30  1)Eclipse의 SQL Explorer 에서 Connection Profile 생성하기
31  2)Settings
32     Name : Sqlite3
33     Driver SQLite
34     URL : jdbc:sqlite:C:/Sqlite3/test.db
35     User : user
36  3) Test table 확인하기
37
38 6. Sample.java
39  import java.sql.Connection;
40  import java.sql.DriverManager;
41  import java.sql.ResultSet;
42  import java.sql.SQLException;
43  import java.sql.Statement;
44
45  public class Sample{
46      public static void main(String[] args){
47          Connection connection = null;
48          try{
49              // create a database connection
50              connection = DriverManager.getConnection("jdbc:sqlite:sample.db");
51              Statement statement = connection.createStatement();
52              statement.setQueryTimeout(30); // set timeout to 30 sec.
53
54              statement.executeUpdate("drop table if exists person");
55              statement.executeUpdate("create table person (id integer, name string)");
56              statement.executeUpdate("insert into person values(1, 'leo')");
57              statement.executeUpdate("insert into person values(2, 'yui')");
58              ResultSet rs = statement.executeQuery("select * from person");
59              while(rs.next()){
60                  // read the result set
61                  System.out.println("name = " + rs.getString("name"));
62                  System.out.println("id = " + rs.getInt("id"));
63              }
64          }catch(SQLException e){
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65         // if the error message is "out of memory",
66         // it probably means no database file is found
67         System.err.println(e.getMessage());
68     }finally {
69         try{
70             if(connection != null)
71                 connection.close();
72         }catch(SQLException e){
73             // connection close failed.
74             System.err.println(e);
75         }
76     }
77 }
78 }
79
80 7. SQLite3 관리도구
81 1) SQLite Manager
82 - Firefox 웹 브라우저에서 동작하는 관리 도구
83 2) 설치
84 - 우선 파이어폭스를 설치하고
85 - Open Menu > Plugins > 전체 검색 탭에서 'sqlite'로 검색
86   or
87 - Right Mouse > Menu Bar Check > Tools > Add-ons > Plugins > 검
88 - 'SQLite Manager'가 나타나면 Install 클릭
89 - Firefox를 다시 실행하면 도구(Tools) 메뉴하위에 'SQLite Manager' 메뉴 생성
90
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