

BioStar 2 SQLite	DB	1
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BioStar 2 SQLite

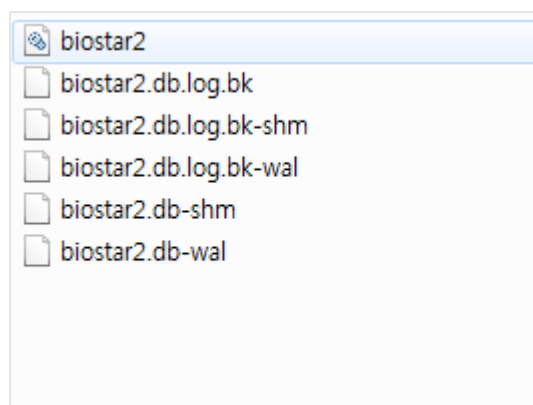
DB

: BioStar 2.2.2

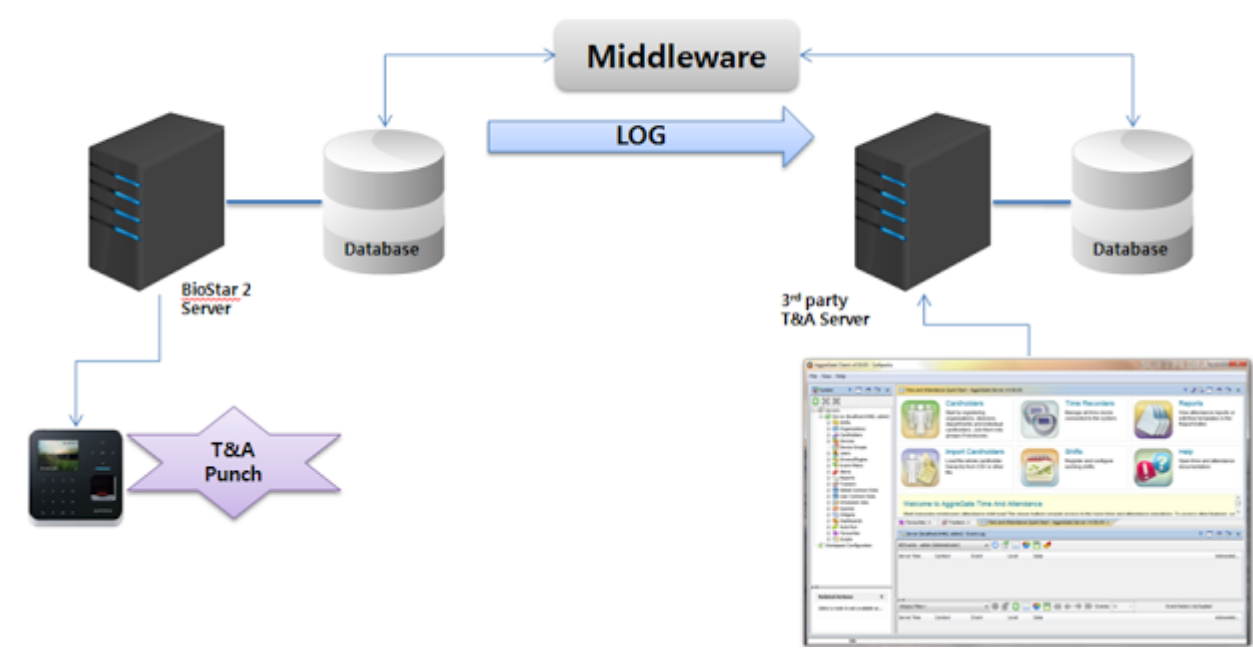
The diagram illustrates the relationships between various database systems and their components. Key elements include:

- BioStar 2**: A central component, with multiple instances labeled "가" (A) connected to it.
- BioStar 1.x**: A component at the bottom left, connected to "BioStar 2" and "BioStar Server".
- BioStar Server**: A component in the middle left, connected to "BioStar 1.x" and "BioStar 2".
- DB**: A component in the middle left, connected to "BioStar 2".
- DBMS**: A component in the middle right, connected to "BioStar 2" and "BioStar 1.x".
- ERP**: A component at the top right, connected to "BioStar 2".
- SQLite**: A component at the bottom right, connected to "BioStar 1.x" and "DBMS".
- DBMS(Database Management System)**: A component in the middle right, connected to "BioStar 2" and "BioStar 1.x".
- SQL**: A component at the bottom right, connected to "BioStar 1.x" and "DBMS".

The diagram uses arrows and dots to indicate connections and dependencies between these systems.



SQLite	가	DB
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SQLiteDB

C#

C#

1.SQLiteSQLite

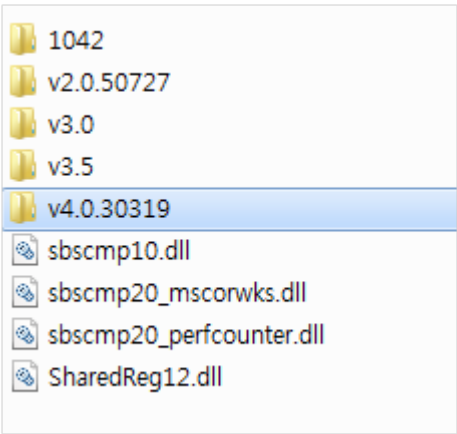
<http://system.data.sqlite.org/index.html/doc/trunk/www/downloads.wiki>

.Net

PCMicrosoft.Net

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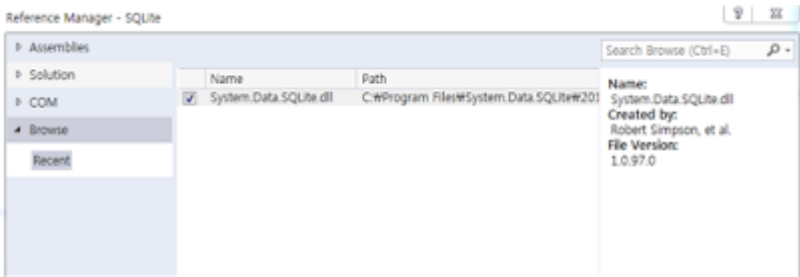
() C:\Windows\Microsoft.NET\Framework64



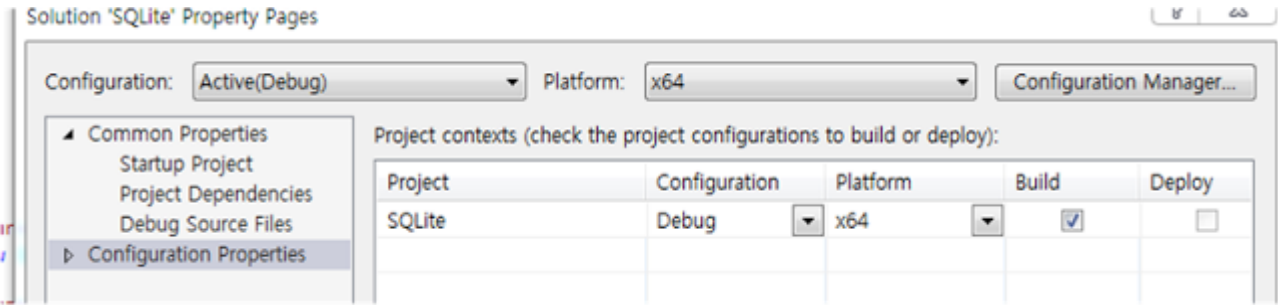
2.

'References'

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3.



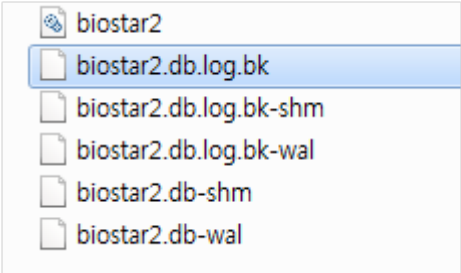
가 . SQLite DB
DB
BioStar 2.1
BioStar.db.log.bk

Database Table Description

Software Version 2.1

What’s different from BioStar 2.0.1

- The database now consists of two separate database files, **biostar2.db** and **biostar2.db.log.bk**.
Event logs are stored in **biostar2.db.log.bk** and the rest are still in **biostar2.db**. For this reason, log tables such as *T_LGTBIDX*, *T_LGyyyyymm*, *T_ALMEVTyyyyymm* are now located under **biostar2.db.log.bk** instead.






DB BioStar 2.1v

EVTLGUID	D_UNQID - INTEGER	PK	ID
SRVDT	D_DT - NONE		/ (UNIX)
DEVDT	D_DEVDT - INTEGER		가 / (- UNIX)
ISVLDATE	D_VALYORN - TEXT	TBD	
DEVUID	D_UNQID - INTEGER		ID
IMGLGUID	D_UNQID - INTEGER	TBD	
USRUID	D_UNQID - INTEGER		‘ ID’: ‘ : ‘0’ = 가
EVT	INTEGER		
SUB EVT	INTEGER		(가)
CRDSL	TEXT		

TNAKEY	TEXT	TBD
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()

<p>▶  T_LGIMGDAT201504</p>	<pre>CREATE TABLE T_LGIMGDAT201504 (IMGLGUID INTEGER NOT NULL, IMGDAT NONE, IMGTP TEXT CHECK (IMGTP IN ('JPG', 'PNG', 'BMP', 'WAV', 'MP3', 'WMA', 'PDF', 'TXT')), CONSTRAINT Unique_backup_T_LGIMGDAT201504_Identifier PRIMARY KEY (IMGLGUID))</pre>
<p>▶  T_LGIMGDAT201505</p>	<pre>CREATE TABLE T_LGIMGDAT201505 (IMGLGUID INTEGER NOT NULL, IMGDAT NONE, IMGTP TEXT CHECK (IMGTP IN ('JPG', 'PNG', 'BMP', 'WAV', 'MP3', 'WMA', 'PDF', 'TXT')), CONSTRAINT Unique_backup_T_LGIMGDAT201505_Identifier PRIMARY KEY (IMGLGUID))</pre>
<p>▶  T_LGIMGDAT201506</p>	<pre>CREATE TABLE T_LGIMGDAT201506 (IMGLGUID INTEGER NOT NULL, IMGDAT NONE, IMGTP TEXT CHECK (IMGTP IN ('JPG', 'PNG', 'BMP', 'WAV', 'MP3', 'WMA', 'PDF', 'TXT')), CONSTRAINT Unique_backup_T_LGIMGDAT201506_Identifier PRIMARY KEY (IMGLGUID))</pre>
<p>▶  T_LGIMGDAT201507</p>	<pre>CREATE TABLE T_LGIMGDAT201507 (IMGLGUID INTEGER NOT NULL, IMGDAT NONE, IMGTP TEXT CHECK (IMGTP IN ('JPG', 'PNG', 'BMP', 'WAV', 'MP3', 'WMA', 'PDF', 'TXT')), CONSTRAINT Unique_backup_T_LGIMGDAT201507_Identifier PRIMARY KEY (IMGLGUID))</pre>

(SQLite)

DB

DB

execute reader

SQLiteCommand

```
string strConn = @"Data Source=C:\Program Files (x86)\BioStar 2\db\biostar2.db.log.bk";
SQLiteConnection conn = new SQLiteConnection(strConn);
conn.Open();
string strSQL = "SELECT * FROM T_LG201507 where EVTLGUID";
SQLiteCommand cmd = new SQLiteCommand(strSQL, conn);
SQLiteDataReader rd = cmd.ExecuteReader();
```

SQL

DB

, SQL DB

BioStar 2 DB

```
SqlConnection sqlcon = new SqlConnection();
sqlcon.ConnectionString = "Server=localhost\\sqlexpress; Database=TEST; Trusted_Connection=Yes";
sqlcon.Open();

SqlCommand scmd = new SqlCommand();
scmd.Connection = sqlcon;

//scmd.CommandText = "Select datetime From dbo.DBLink where datetime >= 'rd[1]'";
if (rd[7] == "")
    scmd.CommandText = "INSERT INTO dbo.DBLink (datetime, userID, TNAevent) VALUES('" + rd[1] + "', NULL, " + rd[10] + ")";
else
    scmd.CommandText = "INSERT INTO dbo.DBLink (datetime, userID, TNAevent) VALUES('" + rd[1] + "', " + rd[7] + ", " + rd[10] + ")";
scmd.ExecuteNonQuery();
```

While

Thread. Sleep

[]

```

C:\Windows\system32\cmd.exe
2015-07-20 11:50:37
2
0
2015-07-20 11:50:37
100
0
2015-07-20 11:50:37
150
0
2015-07-20 11:50:37
77
0
2015-07-20 11:50:37
1511
0
2015-07-20 11:50:37
141678
0
2015-07-20 11:50:37
677745
0
2015-07-20 11:50:37
16111116
0

```

[SQL]

	datetime	userID	TNAevent
472	2015-07-20 11:50:37	NULL	0
473	2015-07-20 11:50:37	NULL	0
474	2015-07-20 11:50:37	1	0
475	2015-07-20 11:50:37	2	0
476	2015-07-20 11:50:37	100	0
477	2015-07-20 11:50:37	150	0
478	2015-07-20 11:50:37	77	0
479	2015-07-20 11:50:37	1511	0
480	2015-07-20 11:50:37	141678	0
481	2015-07-20 11:50:37	677745	0
482	2015-07-20 11:50:37	16111116	0
483	2015-07-20 11:50:37	5446542	0
484	2015-07-20 11:50:37	200510	0
485	2015-07-20 11:50:37	NULL	0

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DB

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