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Subject: Re: Two tables sharing same field name?  
Posted by [jeremy\\_c](#) on Sat, 05 Jun 2010 15:46:07 GMT  
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All of the "modes" are added in one place from a well defined list. I checked and checked and checked, there are no duplicates there. If I change the second use of "NAME" to be a length of 40, then my routine runs fine, always. If, however, I change the second use of "NAME" back to 8, then it will always err. And the second use of "NAME" is not at all where the error is occurring.

The bug log says:

ERROR SQL logic error or missing database(0): insert into MODES(NAME) values ('PSK31')

However, when looking at the created database file (SQLite) there 48 modes added out of 73 modes that I said to add.

My project is \*very\* small right now, I have made it available at <http://jeremy.cowgar.com/files/SmartLog.zip> ... maybe that would help solve the problem?

Basically at this point it's 1 window that contains a grid that does nothing. In my GUI\_APP\_MAIN, I create/open the database and add base data (where the problem is) if the database did not exist on this run.

I am running on Windows with the MSC9 Debug profile selected. You can run the project as is and it fails always for me. However, if you edit SmartLog.sch, line 7 and change the 8 to a 40, then the project will run (besure to remove the previously created database file and .sql files, otherwise the new data log will not happen).

Non-working SmartLog.sch:

```
TABLE_(MODES)
INT_ (ID) PRIMARY_KEY AUTO_INCREMENT
STRING_ (NAME, 40) UNIQUE
END_TABLE
```

```
TABLE_(BANDS)
STRING_ (NAME, 8) UNIQUE
DOUBLE_ (FREQ_BEGIN)
DOUBLE_ (FREQ_END)
END_TABLE
```

Working SmartLog.sch:

```
TABLE_(MODES)
INT_ (ID) PRIMARY_KEY AUTO_INCREMENT
STRING_ (NAME, 40) UNIQUE
```

```
END_TABLE
```

```
TABLE_(BANDS)  
  STRING  (NAME, 40) UNIQUE  
  DOUBLE_ (FREQ_BEGIN)  
  DOUBLE_ (FREQ_END)  
END_TABLE
```

Thanks for any help with this problem. For now I am just using the "working" schema file, however, I fear I will run into more issues like this later on.

Jeremy

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