Release Notes

Jason,

Here’s the Windows App version of the Calendar Synchronizer. I’ll get you the Windows Service version, and the Web App in a day or two. But you can start working with this, as it is fully functional. In fact, it’s so fully functional that it’s actually updating the live database! (That’s because I didn’t know where the test database was located.) So, if you want to test, you’ll need to create the tables and stored procedures I describe below, and you’ll need to change the app.config so that it points to the correct databases.

I’m sending you both the source code – from which you can, of course, compile and run the app – as well as an installer so that you can install the .exe onto, say, your development machine.

Note that, in addition to being able, as you’ll see, to enable and disable the synchronizing, when you close this app, it stops synchronizing, as well.

Note also that in order to compile the project, you’ll have to fix (delete and then add) the Reference under project Common to MySQLData.dll. You can find that dll yourself, but I’ve included it with the upload, for your convenience.

* I need the following new fields, so I created table SROCalendar.dbo.SRSynchronizationControl
  + A bit field that indicates whether or not the synchronization process should be active. This is a field that is updated by your web app.
  + An int field that indicates the synchronization periodicity in minutes
* I need a new table that joins the mysql calendar ids with the mssql calendar ids, so I created SROCalendar.dbo.SRCalendarMySQLCalendarJoin
* I created stored procedures
  + SROCalendar.dbo.SRCalendarPut for adding/changing SRCalendar
  + SROCalendar.dbo.SRCalendarDelete to handle cases where a webcal-entry was deleted, or de-activated.
  + SROUpdate.dbo.SRUpdateCalendarUpdate so, if any calendar item was update, added, or removed, that our SROUpdate.dbo.SRUpdate table would be updated correspondingly.
  + SROCalendar.dbo.SRCalendarGet
* Questions
  + Should I not also be copying mysql’s cal\_url to mssql’s srCalLinks? (I assumed “yes, I should”)
  + How do I interpret the cal\_time field? It’s an int. Does it represent “nbr of seconds past midnight”? I assumed so.
  + Questions with your query:
    - As webcal\_entry\_user has two items for each cal\_id, SO I needed to add the keyword “distinct” to the query … otherwise, it returns two items for each web\_cal.

SELECT distinct

webcal\_entry.cal\_id,

webcal\_entry.cal\_date,

webcal\_entry.cal\_time,

webcal\_entry.cal\_name,

webcal\_entry.cal\_location,

webcal\_entry.cal\_url,

webcal\_entry.cal\_description

FROM webcal\_entry

LEFT OUTER JOIN webcal\_entry\_categories ON

webcal\_entry.cat\_id = webcal\_entry\_categories.cat\_id

LEFT OUTER JOIN webcal\_entry\_user ON

webcal\_entry.cal\_id = webcal\_entry\_user.cal\_id

where cal\_status='A' and cat\_id=1

* I had to insert a row into webcal\_entry\_categories to match cal\_id 5.