

Re: Getting a list of list permissions for WSS

Source:

<http://www.tech-archive.net/Archive/SharePoint/microsoft.public.sharepoint.portalserver/2006-06/msg00278.html>

- *From:* "Alex" <samalex@xxxxxxxxxx>
 - *Date:* 7 Jun 2006 07:15:34 -0700
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Philip Lanier wrote:

You could probably figure out the SQL to do this, but you would want to do this on a backup copy of the database so you're not hitting the live DB. (See Mike Fitz's blog entry, "Please Stay out of the Database!!!", <http://blogs.msdn.com/mikefitz/archive/2005/04/01/404802.aspx>).

Your best bet would probably be to use the Object Model to crawl those sites/lists to get the info you're looking for... would require some light programming, though.

Philip Lanier
Ascentium

Hi Philip,

But isn't this exactly what these third party vendors are doing???

Aren't they writing code that simply modifies the database, throwing a web-based front-end on it, and selling it for thousands of dollars? I understand how someone can easily fub-up their DB by throwing a ton of junk in there, but if the database is laid out logically and the person making edits understands the flow of how the DB works, the changes can be made with ease, just like editing the ASP code itself.

The stored procedure I wrote that rolls-up the Events into one single event was quite simple to add once I figured out how Microsoft setup the logic in the DB. I'll attach below my process for doing this, and it's working quite well. Granted it's not pretty, but it works, and it's a great alternative for those \$1600 plugins. I'd assume Microsoft wouldn't mind publishing the layout of their database so others can make similar updates, and the problem comes in not making the updates, but not knowing HOW the database is laid out when they make their updates.

----- Start Stored Procedure -----

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-- Roll-up code I use in Stored Procedure. Runs hourly.
-- In all WSS sites I have added a new option in each Event list called
-- "Public Event" and if selected then it copies the event from the
-- WSS Event List to an SPS Event List, which in my database
-- has the ListID 034E17E0-CB94-47D8-B09C-D9926B072A68.

-- The only table change I made was creating a temp table called
-- rollup_userdata, which is identical layout to UserData table

-- Define some variables to use within Stored Procedure
DECLARE @NewRowNumber int
DECLARE @MyUUID AS uniqueidentifier

-- First step, clear the contents of the temp table rollup_userdata
Delete from rollup_userdata

-- Second, delete all items in the SPS Event List i'm rolling-up to
Delete from UserData where tp_listid
='034E17E0-CB94-47D8-B09C-D9926B072A68'

-- Third, find all List entries where the user has selected Public Event
-- and insert them into the temp table rollup_userdata
Insert into rollup_userdata
select * from userdata where nvarchar5 = 'Public Event'

-- Fourth, Change the List ID to match the SPS Event List ID I'm
rolling-up to
Update rollup_userdata
set tp_listid = '034E17E0-CB94-47D8-B09C-D9926B072A68'

-- Fifth, Renumber TP_ID from 1 to whatever in the temp table. This
number
-- needs to be unique for each item in the List
set @NewRowNumber = 0 /* Starting Number - 1 */
update rollup_userdata
set @NewRowNumber = tp_id = @NewRowNumber + 1

-- Six, now change the GUID so it's different. Every List item in the
userdata
-- table must have a unique GUID.
SET @MyUUID = newid()
update rollup_userdata
set @MyUUID = tp_guid = newid()

-- And finally Seven, Re-insert into UserData table
Insert into userdata
select * from rollup_userdata

---- end of SP ----

Now when you run the script and refresh the SPS Event List which this

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rolls up to, all the WSS Lists that have Public Event selected will be in here. This List can not be edited directly as it deletes the contents of the list when this script runs.

It works quite well, and having it scheduled to run hourly makes sure my departmental Event Lists roll-up flawlessly to a single Portal list.

I see no problem writing scripts like this to modify the database, and done with care they can add TONS of functions to Sharepoint. Why spend hours trying to write such a script in C# or VB script when it can be done from the database IMO much easier. Granted, this takes some knowledge of MS SQL plus knowing how the database is logically laid out, which if this were documented better would make such modifications SO much simpler. It took me some time to figure out what data was in what table, and after careful testing this script was written.

So for me, bottom line, I'm learning C# and VB script to do more asp.net framework programming, but with my skills in MS SQL being very much more proficient, it's easier for me to code from that angle now. And as simple as it is (16 lines of code to do this roll-up), why spend hours and MANY more lines of code doing the same thing via asp.net?

Take care --

Alex

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