Table of Contents

[to be filled in 4](#_Toc256766546)

[sql collections online 4](#_Toc256766547)

[Time student spent in bb for a day 4](#_Toc256766548)

[course activity using accumulator 5](#_Toc256766549)

[tool usage by date time stamp 6](#_Toc256766550)

[course size 7](#_Toc256766551)

[General stats using perl 8](#_Toc256766552)

[Batch archive by jos janos – compare dtmodified to dtcreated to determine usage? 13](#_Toc256766553)

[Tracking user logins (requires data dump to another table) 15](#_Toc256766554)

[list all courses using safeassign 17](#_Toc256766555)

[verify a student attempted an exam (requires sql and log from it) 19](#_Toc256766556)

[report login sessions 20](#_Toc256766557)

[report users that were added by the gui (system) 23](#_Toc256766558)

[reconnect course\_contents to broken course links 24](#_Toc256766559)

[report total time spent in a course by a specific user for the last 30 days 26](#_Toc256766560)

[enable users in an org where the enrollment was copied from a course 27](#_Toc256766561)

[report disk usage for all courses 28](#_Toc256766562)

[find all sllabi in all courses 29](#_Toc256766563)

[Report the all courses that have tests set to forced completion or display set to one-at-a-time and time limit > 3 hours 31](#_Toc256766564)

[Report the total number of assessments for the semester and the percentage of those that were successful 33](#_Toc256766565)

[Report the total number of sessions per hour 34](#_Toc256766566)

[Report the total number of logins (event\_type specific) 34](#_Toc256766567)

[Report the total number of sis instructors in used courses (courses with content beyond the 12kB template size) for a given semester 35](#_Toc256766568)

[Report number of instructors that have courses with content (usage) for a given semester 38](#_Toc256766569)

[list all activity by a user 41](#_Toc256766570)

[list all courses with no content 41](#_Toc256766571)

[list all courses with large exams (assessments) 42](#_Toc256766572)

[list all courses using safeassign 45](#_Toc256766573)

[list all blocking database sessions 47](#_Toc256766574)

[list all courses that are not using the gradebook 48](#_Toc256766575)

[How much space in Content Collection is each user using? 48](#_Toc256766576)

[LIST ALL COURSES USING THE DISCUSSION BOARD 51](#_Toc256766577)

[List all courses sorted by the amount of activity performed: 52](#_Toc256766578)

[List courses and users who accessed them with the most frequently activity at the top: 53](#_Toc256766579)

[List users who accessed the system sorted by the amount of 53](#_Toc256766580)

[activity they performed: 53](#_Toc256766581)

[List active users per role (how many students, faculty etc.) 53](#_Toc256766582)

[Show users and their activity level 53](#_Toc256766583)

[report PORTAL MODULE USAGE 53](#_Toc256766584)

[report GUI CREATED cOURSES 54](#_Toc256766585)

[report connection leaks – groupings of connections that ran the same sql 57](#_Toc256766586)

[course size 58](#_Toc256766587)

[course statistics – course size by using ‘disk\_usage’ and size of tests, dropbox etc 62](#_Toc256766588)

[course statistics – file views 65](#_Toc256766589)

[copy a course to an org – change service\_level in db 66](#_Toc256766590)

[incomplete tests 66](#_Toc256766591)

[spad courses 67](#_Toc256766592)

[usage by instructor 67](#_Toc256766593)

[Info on how to use the data source table to connect to courses that are not current 69](#_Toc256766594)

[return instructors for a specific subset of courses 77](#_Toc256766595)

[david’s first attempt at gradebook download 78](#_Toc256766596)

[return the last login of a single user 79](#_Toc256766597)

[more detailed information on digital dropbox reporting 80](#_Toc256766598)

[REPORT THE NUMBER OF UNIQUE ACTIVE USERS IN THE SYSTEM BY SEMESTER 84](#_Toc256766599)

[BB Database – Description: DESCRIBE TABLES, FOREIGN KEY RELATIONSHIPS (ORACLE 9.2) 84](#_Toc256766600)

[http://perswww.kuleuven.be/~u0039317/bb/script.html 84](#_Toc256766601)

[BB describe tables 84](#_Toc256766602)

[BB foreign key relationships - child-parent 86](#_Toc256766603)

[BB foreign key relationships - parent-child 86](#_Toc256766604)

[WHERE ARE SECONDARY ROLES STORED? 87](#_Toc256766605)

[SQL SCRIPTS FROM JING ZHANG 87](#_Toc256766606)

[fix corrupt or orphan assignments in a course 90](#_Toc256766607)

[REPORT FILE SIZE OF ALL COURSES (BETTER SCRIPTS LATER IN THIS DOC) 91](#_Toc256766608)

[REPORT all users that were created within the last week AND have NOT logged in. 92](#_Toc256766609)

[MANY USEFUL SQL SCRIPTS FROM LIVERPOOL 92](#_Toc256766610)

[http://pcwww.liv.ac.uk/csd/blackboard/scripts/ 92](#_Toc256766611)

[Report the number of courses that have content in a Course Menu item such as Syllabus. 93](#_Toc256766612)

[Report courses that have not been used or DO NOt have content, no activity. (two scripts were placed on the listserv.) 94](#_Toc256766613)

[Slow performance of the DISCUSSION BOARD - change Bb’s stored procedure, create a reference table 97](#_Toc256766614)

[Delete (for IT only) all completed tasks older than 7 days from Systems Tasks Status table 100](#_Toc256766615)

[LOCATE ALL ORPHANED DIRECTORIES (COURSES) IN ORACLE USING SQL AND COMMAND LINE, AND PERL SCRIPT 102](#_Toc256766616)

[display the number of uses a particular portal module has 105](#_Toc256766617)

[NOT A SQL SCRIPT, JUST NOTES – SQL SCRIPT TO CHANGE COURSE AVAILABLITY AND NOTIFY INSTRUCTORS THAT THEIR COURSE IS NOT AVAILABLE 106](#_Toc256766618)

[LIST ALL COURSES WITH “AVAILABLE” STUDENTS ONLY 109](#_Toc256766619)

[SQL to determine if users have data in 'My Content' 109](#_Toc256766620)

[SQL TIP – SPOOL – REMOVE BLANKS (COURSE CLEANUP) 110](#_Toc256766621)

[Determine who created a course. 111](#_Toc256766622)

[REPORT QUOTA STATISTICS FOR ALL AREAS OF BLACKBOARD 112](#_Toc256766623)

[REPORT ALL AVAILABLE COURSES AND NUMBER OF STUDENTS IN EACH COURSE. 113](#_Toc256766624)

[FOR XYTHOS - CHANGE ALL USERS QUOTA FOR CONTENT SYSTEM (PROBABLY NEEDS MODIFICATIONS) 115](#_Toc256766625)

[WHO HAS TAKEN THE SURVEY (ASSESSMENT) AND SEARCH ONLY ON SURVEY (META) COURSES 116](#_Toc256766626)

[IN-PROGRESS ASSESSMENT ATTEMPTS FOR THE PAST 2 HOURS 116](#_Toc256766627)

[DISK SIZE FOR A COURSE ATTACHMENTS ONLY (DROPBOX, ASSIGNMENTS, ATTACHMENTS ON POSTS AND MESSAGES) – ALL ATTACHMENTS, THIS IS EVERYTHING BUT THE CONTENT AREA 117](#_Toc256766628)

[DISK SIZE OF DISCUSSION BOARD POSTS WITHIN A SINGLE COURSE 117](#_Toc256766629)

[DISK SIZE OF TESTS (QUESTIONS, POOLS, SURVEYS, & ANSWERS) WITHIN A SINGLE COURSE 118](#_Toc256766630)

[CHANGE DISK QUOTA FOR ALL USERS IN THE CONTENT SYSTEM 118](#_Toc256766631)

[DISK SIZE (SPACE) SIZE FOR EACH COURSE IN MEGABYTES (FOR ORACLE) 119](#_Toc256766632)

[TOP USERS OF BLACKBOARD 120](#_Toc256766633)

[TOP USERS OF BLACKBOARD - SORTED 121](#_Toc256766634)

[SCRIPT REQUESTED TO determine which faculty members are actually utilizing Bb. 122](#_Toc256766635)

[NOT SQL, EZPROXY BUILDING BLOCK 122](#_Toc256766636)

[Batch deletes of the Digital Dropbox 122](#_Toc256766637)

[Provides information on all files in the Digital Dropbox for all courses. 122](#_Toc256766638)

[Provides information on all files in the Digital Dropbox for all courses. 124](#_Toc256766639)

[Report number of courses that have a syllabus 125](#_Toc256766640)

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# to be filled in

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# sql collections online

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<http://pcwww.liv.ac.uk/csd/blackboard/scripts/>

<http://david.carter-tod.com/blackboard-tips-and-tricks>

----------------------------------------------------------

# Time student spent in bb for a day

----------------------------------------------------------

|  |  |
| --- | --- |
| **Subject:** | Re: Tracking time a student spends in a course |
| **From:** | "Wang, John" <john.wang@EMORY.EDU> |
|  |  |
| **Date:** | Tue, 6 Jan 2009 12:38:05 -0500 |
|  |  |

|  |
| --- |
| Steven,  My Bb runs on Linux/Oracle. So, I track time a student spends in Bb with the following SQL statements.  [1] Query the first login in a specific day, such as Jan.5,2009  select TO\_CHAR(min(TIMESTAMP), 'Month DD, YYYY HH24:MI:SS')   from activity\_accumulator where EVENT\_TYPE='LOGIN\_ATTEMPT' and TIMESTAMP like '05-JAN-09' and USER\_PK1= USER\_PK1=(select pk1 from users where user\_id='USER\_ID');  [2] Query the last logout in the same day.  select TO\_CHAR(max(TIMESTAMP), 'Month DD, YYYY HH24:MI:SS')  from activity\_accumulator where EVENT\_TYPE='LOGOUT' and TIMESTAMP like '05-JAN-09' and USER\_PK1=(select pk1 from users where user\_id='USER\_ID');  The difference of the above queries is the maximum time the user spends in Bb in the day. You can modify the queries for a specific course for SQL Server. I hope it is helpful.  John Wang  On 1/6/09 10:46 AM, "Steven Ahomed" <smahomed@OAKLANDCC.EDU> wrote:  Is there a way to track time a student spends in a course ?  System Info:  Windows 2003  SQL 2000  Blackboard Basic Edition (6.3.1.683)  Any feedback would be greatly appreciated,  Steven Ahomed  Blackboard Administrator  Oakland Community College  (248)-232-4827 (P)  smahomed@oaklandcc.edu |

----------------------------------------------------------

# course activity using accumulator

----------------------------------------------------------

If you have access to the database try this query (use bb\_bb60\_stats to be on the safe side :)

*SELECT dbo.COURSE\_MAIN.COURSE\_NAME, dbo.COURSE\_MAIN.COURSE\_ID, count (dbo.ACTIVITY\_ACCUMULATOR.pk1)*

*FROM dbo.ACTIVITY\_ACCUMULATOR INNER JOIN*

*dbo.COURSE\_MAIN ON dbo.ACTIVITY\_ACCUMULATOR.COURSE\_PK1 = dbo.COURSE\_MAIN.PK1*

*WHERE (dbo.ACTIVITY\_ACCUMULATOR.TIMESTAMP > CONVERT(DATETIME, '2010-01-01 00:00:00', 102))*

*group by dbo.COURSE\_MAIN.COURSE\_NAME, dbo.COURSE\_MAIN.COURSE\_ID*

*order by count (dbo.ACTIVITY\_ACCUMULATOR.pk1)*

This will show you all the courses that have been in any way active since the date (see above - 2010-01-01) which you can change.

It will also tell you how much activity (take with pinch of salt - a course with 210 in the count is not necessary better than one with 200) activity is something being added or viewed or opened or posted or marked or etc.

If you dont have access to database then ask nicely the person who does - should take them about 3 mins to run this and stick the results in a spreadsheet for you.

Regards

Joseph Gliddon

VLE Manager

e-learning and innovation

City of Bristol College

Tel 0117 312 5022

Mobile 07970022935

>>> Peggy Lawson <Peggy.Lawson@CORNERSTONESD.CA> 17:56 05/02/2010 >>>

Is there a report that can be run to identify which specific classes are currently being activity used (or a report that gives last date of access for specific classes)? I ran a Statics Report, Overall Summary of Usage that told me how many classes are active, but not which ones.

Thanks!

Peggy Lawson

Instructional Technology Consultant

South East Cornerstone School Division

Weyburn, SK Canada

http://www.cornerstonesd.ca

----------------------------------------------------------

# tool usage by date time stamp

----------------------------------------------------------

>>> "Ira J. Strauss" <straussi@ERAU.EDU> 9/4/2008 11:07 AM >>>

Paul,

This is the query we use with ASR for that type of information:

Select a.EVENT\_TYPE, a.INTERNAL\_HANDLE, a.TIMESTAMP, d.USER\_ID,

b.COURSE\_ID

From ACTIVITY\_ACCUMULATOR a, COURSE\_MAIN b, COURSE\_USERS c, USERS d

Where

a.COURSE\_PK1 = b.PK1 and

b.COURSE\_ID = 'FAXX\_XXX' and

a.USER\_PK1 = d.PK1 and

d.PK1 = c.USERS\_PK1 and

Timestamp > sysdate -35

Thanks - Ira

-0-0-0-0-0-

Ira Strauss, Senior Systems Analyst

Middleware Services - Information Technology

Embry-Riddle Aeronautical University

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Beckett Paul Mr (ITCS)

Sent: Monday, August 04, 2008 5:01 AM

To: BBADMIN-L@ASU.EDU

Subject: SQL Queries for reporting courses/orgs using specific tools

Does anyone have any SQL queries they would be willing to share, that report:

- which sites are using a specific tool (eg. Digital Dropbox, Discussion Board, Assignments etc.)

- how frequently a tool is being used within a site

I would be looking to run these against Blackboard 7.1 / 8.0 (Oracle).

Thanks in advance,

Paul Beckett

eLearning Developer,

University of East Anglia,

Norwich,

Norfolk,

NR4 7TJ

Tel: +44(0) 1603 593803

eMail: p.beckett@uea.ac.uk

----------------------------------------------------------

# course size

----------------------------------------------------------

Hi, Brent.

I use this:

use bb\_bb60

select course\_id, registry\_value from course\_registry cr

join course\_main cm on cr.crsmain\_pk1 = cm.pk1

where cr.registry\_key='disk\_usage'

order by len(registry\_value), registry\_value

I'm not sure how accurate it is, though. I've got tickets open with Bb about quotas. They report one way through the course, another way through the System Admin tab, and many times these do not jive with the size of the folder for the course in the content folder (vi\bb\_bb60\courses\1 directory).

Gayle Baugh

Web Developer/Programmer II

Dallas Community College District

LeCroy Center for Educational Telecommunications

972-669-6491

Fax: 972-669-6699

gbaugh@dcccd.edu

>>> Brent Taylor <btaylor@MBC.EDU> 10/15/2009 8:08 AM >>>

On V9.0.440.8, Windows 2003, MS SQL and have gotten 2 messages concerning quotas. "Blackboard Internal SE Dev Edition quota manager alert:\nCourse has exceeded the soft quota limit (0 K): case\_593479 (disk usage 923 K)." Anyone have an SQL script that I can run to check the sizes of the various courses? Set soft quota limits after the fact but still would like to be able to check the sizes BEFORE the message is sent.

Thanks, Brent

----------------------------------------------------------

# General stats using perl

----------------------------------------------------------

>>> "Robb III, George B." <robbg@MISSOURI.EDU> 7/7/2009 10:57 PM >>>

For those of you who enjoy Perl and Perl DBI here is a very dirty script that we tossed together using the stats the bb\_bb60 database has in it.

NOTE: hostnames, numbers, and passwords have been changed. Also, stats could be way off these SQL queries need more eyes one them. Please email back to the list with improvements to the script.

KB article that caused this script to be generated: http://kb.blackboard.com/x/zw\_DAQ all due to a file locking issue we were having on our NAS.

Enjoy ;-)

\*\*\* Begin Example output \*\*\*

Number of total sessions: 2002

Current Unique Sessions: 952

Oldest Session: 07/07/2009 17:23:05

STALE SESSIONS: 0

Total Student enrollments: 66218

All Students: 35567

Active Students: 35478

Total Faculty courses: 14136

All Faculty: 4885

Actve Faculty: 4885

Number of TAs: 2234

Number of Builders: 163

Number of Graders: 160

Number of Guests: 44

\*\*\* End Example output \*\*\*

### SCRIPT Begin ###

#!/usr/local/blackboard/apps/perl/bin/perl

use DBI;

$datahost = "bboracle.server.edu";

$username = "bbadmin";

$sid = "bbdbsd";

$password = "password";

$dbh = DBI->connect("dbi:Oracle:host=$datahost;port=1521;sid=$sid","$username/$password");

if (!$dbh){

print "dbh (oracle connection) ERROR:", $dbh->errstr;

print "\n";

}

$query1 = "SELECT count(\*) FROM bb\_bb60.sessions";

$query2 = "SELECT to\_char(min(timestamp), 'mm/dd/yyyy hh24:mi:ss') FROM bb\_bb60.sessions";

$query3 = "SELECT min(TIMESTAMP),max(TIMESTAMP),count(distinct USER\_ID) FROM bb\_bb60.sessions WHERE USER\_ID != 'guest'";

$query4 = "select count(PK1) from bb\_bb60.course\_users Where role ='S'";

$query5 = "select count(PK1) from bb\_bb60.course\_users Where role ='P'";

#$query6 = "select count(PK1) from bb\_bb60.course\_users Where role ='T'";

#$query7 = "select count(PK1) from bb\_bb60.course\_users Where role ='B'";

#$query8 = "select count(PK1) from bb\_bb60.course\_users Where role ='G'";

#$query9 = "select count(PK1) from bb\_bb60.course\_users Where role ='U'";

$query10 = "SELECT COUNT(\*) FROM bb\_bb60.SESSIONS WHERE TIMESTAMP < SYSDATE - 4/24";

$query11 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='S' and row\_status=0 group by users\_pk1)";

$query12 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='P' and row\_status=0 group by users\_pk1)";

$query6 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='T' group by users\_pk1)";

$query7 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='B' group by users\_pk1)";

$query8 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='G' group by users\_pk1)";

$query9 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='U' group by users\_pk1)";

$query13 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='S' group by users\_pk1)";

$query14 = "select count(all\_users) from (select count(users\_pk1) all\_users from bb\_bb60.course\_users Where role ='P' group by users\_pk1)";

$sth1=$dbh->prepare("$query1") or print("Error preparing sth1: ", $dbh->errstr);

$sth2=$dbh->prepare("$query2") or print("Error preparing sth2: ", $dbh->errstr);

$sth3=$dbh->prepare("$query3") or print("Error preparing sth3: ", $dbh->errstr);

$sth4=$dbh->prepare("$query4") or print("Error preparing sth4: ", $dbh->errstr);

$sth5=$dbh->prepare("$query5") or print("Error preparing sth5: ", $dbh->errstr);

$sth6=$dbh->prepare("$query6") or print("Error preparing sth6: ", $dbh->errstr);

$sth7=$dbh->prepare("$query7") or print("Error preparing sth7: ", $dbh->errstr);

$sth8=$dbh->prepare("$query8") or print("Error preparing sth8: ", $dbh->errstr);

$sth9=$dbh->prepare("$query9") or print("Error preparing sth9: ", $dbh->errstr);

$sth10=$dbh->prepare("$query10") or print("Error preparing sth10: ", $dbh->errstr);

$sth11=$dbh->prepare("$query11") or print("Error preparing sth11: ", $dbh->errstr);

$sth12=$dbh->prepare("$query12") or print("Error preparing sth12: ", $dbh->errstr);

$sth13=$dbh->prepare("$query13") or print("Error preparing sth13: ", $dbh->errstr);

$sth14=$dbh->prepare("$query14") or print("Error preparing sth14: ", $dbh->errstr);

$sth1->execute or print("Error executing sth1: ", $dbh->errstr);

$sessions=$sth1->fetchrow;

$sth2->execute or print("Error executing sth2: ", $dbh->errstr);

$oldsessions=$sth2->fetchrow;

$sth3->execute or print("Error executing sth3: ", $dbh->errstr);

$uniqsess=$sth3->fetchrow;

$sth4->execute or print("Error executing sth4: ", $dbh->errstr);

$studen=$sth4->fetchrow;

$sth5->execute or print("Error executing sth5: ", $dbh->errstr);

$faclt=$sth5->fetchrow;

$sth6->execute or print("Error executing sth6: ", $dbh->errstr);

$tas=$sth6->fetchrow;

$sth7->execute or print("Error executing sth7: ", $dbh->errstr);

$builder=$sth7->fetchrow;

$sth8->execute or print("Error executing sth8: ", $dbh->errstr);

$grader=$sth8->fetchrow;

$sth9->execute or print("Error executing sth9: ", $dbh->errstr);

$guests=$sth9->fetchrow;

$sth10->execute or print("Error executing sth10: ", $dbh->errstr);

$stales=$sth10->fetchrow;

$sth11->execute or print("Error executing sth11: ", $dbh->errstr);

$studen\_a=$sth11->fetchrow;

$sth12->execute or print("Error executing sth12: ", $dbh->errstr);

$faclt\_a=$sth12->fetchrow;

$sth13->execute or print("Error executing sth13: ", $dbh->errstr);

$studen\_e=$sth13->fetchrow;

$sth14->execute or print("Error executing sth14: ", $dbh->errstr);

$factl\_e=$sth14->fetchrow;

print "Number of total sessions: $sessions \n";

print "Current Unique Sessions: $uniqsess \n";

print "Oldest Session: $oldsessions \n";

print "STALE SESSIONS: $stales \n\n";

print "Total Student enrollments: $studen \n";

print "All Students: $studen\_e \n";

print "Active Students: $studen\_a \n\n";

print "Total Faculty courses: $faclt \n";

print "All Faculty: $factl\_e \n";

print "Actve Faculty: $faclt\_a \n\n";

print "Number of TAs: $tas \n";

print "Number of Builders: $builder \n";

print "Number of Graders: $grader \n";

print "Number of Guests: $guests \n";

$sth1->finish;

$sth2->finish;

$sth3->finish;

$sth4->finish;

$sth5->finish;

$sth6->finish;

$sth7->finish;

$sth8->finish;

$sth9->finish;

$sth10->finish;

$sth11->finish;

$sth12->finish;

$sth13->finish;

$sth14->finish;

$dbh->disconnect;

#### SCRIPT END. ####

If you made it this far and are still reading (and are on a Linux system).

Here is a way to count and sort your apache access\_log sorted by IP address in a single command line:

awk '{counts[$1]+=1}; END {for(ip in counts) print counts[ip], ip}' /path/to/access\_log | sort -n

Enjoy,

---

George Robb

Systems Administrator - Team Lead

University of Missouri, Division of IT - CSG

209G Telecom Bldg.

(573)882-9402

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Darryl Holmes

Sent: Tuesday, July 07, 2009 9:20 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] logon statistics

Hi Paul,

At Curtin University we are using awstats to process the apache logs. Hope this helps.

Regards,

Darryl Holmes

0892664412

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of

Bibby, Paul

Sent: Wednesday, July 08, 2009 5:38 AM

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] logon statistics

Hello:

Does anyone have a query to report blackboard usage? More specifically, usage by day and/or by hour. Management is requesting information about usage during the week vs. weekend and days vs. evenings. We are using the Basic edition of Blackboard 8 on a Windows 2003 server with SQL 2005.

Paul Bibby, MCP

Systems/Network Integration

B14e

Western Technical College

608-785-9171

----------------------------------------------------------

# Batch archive by jos janos – compare dtmodified to dtcreated to determine usage?

----------------------------------------------------------

After a comment on the listserv, Mike Zimmerman shared this link,http://home.wanadoo.nl/jgajans/blackboard/BatchArchive.html. This gives me the idea of comparing many of the dtmodified fields with the corresponding dtcreated fields to determine course usage. I have copied the reply email and some of the text from the website. Information from his site has been saved to I:\Delphi\Blackboard\Building Blocks\under REVIEW\Jos Janos Procedures.

Matthew,

I think you're right, that the dtmodified in course\_main really only applies to course properties. Information about modifications to other areas of the course is contained in other tables which also have dtmodified fields, and are generally linked to the pk1 of the course\_main record, i.e. "course\_contents.crsmain\_pk1 = course\_main.pk1" for course contents. To get an idea how to look for that information, you might have a look at Jos Jans' automated course archive utility ( http://home.wanadoo.nl/jgajans/blackboard/BatchArchive.html ), which lets you specify which areas you want to look at when deciding whether a course has been "updated" and should have a new archive made. There are sql scripts for creating a stored procedure that looks for updated discussion forums, gradebook entries, file uploads, etc. I don't think you can use it as-is to get the information you're looking for, but it will give you an idea about which tables are worth looking at.

Mike

-----------------------------------------------------------

Michael Zimmerman, System Administrator

University of Nebraska-Omaha, ITS Academic Information Systems

Email: mzimmerman@mail.unomaha.edu

Phone: 402-554-4357

--from website—

Note: The stored procedure contains about 25 tables with DtModified fields not all of them are usefull, if you think it isn't usefull like **course\_registry** then you should put some comment marks in front of the line, like i have done below here:

**--** If @DtModified < @Course\_Registry Set @DtModified = @Course\_Registry

In this way you can still lookup the table for the last changes but it doesn't affect the archive process, the old archive procedure of mine used the following tables (bold marked not commented out):

**Set @DtModified = @DtCreated**-- If @DtModified < @Archive\_Main Set @DtModified = @Archive\_Main  
-- If @DtModified < @Attempt Set @DtModified = @Attempt  
-- If @DtModified < @Calendar Set @DtModified = @Calendar  
-- If @DtModified < @Chalk\_Ferpa Set @DtModified = @Chalk\_Ferpa  
-- If @DtModified < @Chalk\_Privacy Set @DtModified = @Chalk\_Privacy  
-- If @DtModified < @Community\_Course\_Categories Set @DtModified = @Community\_Course\_Categories  
**If @DtModified < @Conference\_Main Set @DtModified = @Conference\_Main  
If @DtModified < @Course\_Contents Set @DtModified = @Course\_Contents**-- If @DtModified < @Course\_Registry Set @DtModified = @Course\_Registry  
**If @DtModified < @Course\_Main Set @DtModified = @Course\_Main**-- If @DtModified < @Course\_Users Set @DtModified = @Course\_Users  
-- If @DtModified < @Course\_User\_Uploads Set @DtModified = @Course\_User\_Uploads  
-- If @DtModified < @Forum\_Main Set @DtModified = @Forum\_Main  
-- If @DtModified < @Gateway\_Course\_Categories Set @DtModified = @Gateway\_Course\_Categories  
-- If @DtModified < @Gradebook\_Grade Set @DtModified = @Gradebook\_Grade  
**If @DtModified < @Gradebook\_Main Set @DtModified = @Gradebook\_Main**-- If @DtModified < @Gradebook\_Translator Set @DtModified = @Gradebook\_Translator  
-- If @DtModified < @Gradebook\_Type Set @DtModified = @Gradebook\_Type  
-- If @DtModified < @Groups Set @DtModified = @Groups  
-- If @DtModified < @Meta\_Main Set @DtModified = @Meta\_Main  
-- If @DtModified < @Msg\_Main Set @DtModified = @Msg\_Main  
**If @DtModified < @Qti\_Asi\_Data Set @DtModified = @Qti\_Asi\_Data**-- If @DtModified < @Qti\_Result\_Data Set @DtModified = @Qti\_Result\_Data  
-- If @DtModified < @StaffinformatiOn Set @DtModified = @Staffinformation  
-- If @DtModified < @User\_Forum\_Settings Set @DtModified = @User\_Forum\_Settings  
**Update Course\_Archive**----------------------------------------------------------

# Tracking user logins (requires data dump to another table)

----------------------------------------------------------

One thing to check out however is project Astro (ASTRO@LISTEERV.UIC.EDU).

Project Astro is described as follows: "This new tool will help administrators and other campus decision makers use data from Blackboard to assess the success of a Blackboard installation".

This is a bit of work by Santo N. and Erik K. that would greatly improve reporting, - check Santo's twitter - snucifora and see progress.

This may not help you NOW but could be a light at the end of the tunnel for hosted clients that can't do all the nice database work.

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Garrett, Jason

Sent: Friday, April 24, 2009 11:09 AM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Tracking Teacher log in's

David,

This doesn't provide near the detail you were looking for, but this is a very simple script we run every 10 minutes against our Blackboard database (Using a SQL Agent job). Basically, every 10 minutes it copies details about every user who has logged in during the last 10 minutes to

a custom table. We are then able to query the custom table to determine who is logging in to Blackboard. We commonly want to know which institution role is using BB the most.

The downside (or the upside depending on how you look at it) is that if a user logs in twice before the next time the script runs, it will only count as one login.

--SQL Agent Job we run every 10 minutes:

INSERT INTO USAGE\_MONITOR(USER\_DSK, USER\_ID,

FIRSTNAME,LASTNAME,COMPANY,LOGIN,INSTITION\_ROLE)

SELECT USERS.DATA\_SRC\_PK1, USERS.USER\_ID, USERS.FIRSTNAME,

USERS.LASTNAME, USERS.COMPANY, USERS.LAST\_LOGIN\_DATE,

INSTITUTION\_ROLES.ROLE\_ID

FROM USERS (NOLOCK)

INNER JOIN INSTITUTION\_ROLES (NOLOCK)

ON USERS.INSTITUTION\_ROLES\_PK1 = INSTITUTION\_ROLES.PK1

WHERE USERS.LAST\_LOGIN\_DATE > DATEADD(s, -600, { fn NOW() })

Here's the table that would need to be created before running the above script.

CREATE TABLE [dbo].[USAGE\_MONITOR](

[USER\_DSK] [int] NULL,

[USER\_ID] [nvarchar](50) NULL,

[FIRSTNAME] [nvarchar](100) NULL,

[LASTNAME] [nvarchar](100) NULL,

[COMPANY] [nvarchar](100) NULL,

[LOGIN] [datetime] NULL,

[INSTITION\_ROLE] [nvarchar](50) NULL

)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Jason Garrett

Microsoft Systems Specialist

Catholic Diocese of Lincoln Schools

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of David

Johnson

Sent: Monday, April 20, 2009 3:20 PM

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] Tracking Teacher log in's

Hi all,

I was wondering if there was a building block or other add-on to track when teachers log in to their class? I.e. date, time, and such.

We are on BB 8, and we are not self hosted. Any help would be great thanks.

David Johnson

Distance Learning Technician Assistant

Allan Hancock College

800 S. College Drive

Santa Maria, CA 93454

805-922-6966 ext. 3614

toll free 866-342-5242 ext. 3614

fax 805-922-3763

djohnson@hancockcollege.edu<mailto:djohnson@hancockcollege.edu>

----------------------------------------------------------

# list all courses using safeassign

----------------------------------------------------------

Hi Bob,

This sql will produce a list course sites that contain SafeAssign submission points, and list instructors.

This doesn't cover instructor use of direct submit.

Thanks

David

--------------------------

SELECT cm.pk1,

cm.course\_id,

cm.course\_name, u.user\_id, u.firstname, u.lastname

FROM bb\_bb60.course\_contents cc,

bb\_bb60.course\_main cm, bb\_bb60.course\_users cu, bb\_bb60.users u

WHERE cc.cnthndlr\_handle='resource/x-mdb-assignment'

AND cc.crsmain\_pk1 =cm.pk1

and cm.pk1 = cu.crsmain\_pk1

and cu.users\_pk1 = u.pk1

and cu.role = 'P'

GROUP BY cm.pk1,

cm.course\_id ,

cm.course\_name, u.user\_id, u.firstname, u.lastname

ORDER BY cm.pk1;

--------------------------

David Barrett

VLE Application Manager

e-Learning Development Team

Projects Office

Raymond Burton Library

University of York

York YO10 5DD

Email: dfb501@york.ac.uk

Tel: +44 (0)1904 32 1140

http://vlesupport.york.ac.uk

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@asu.edu] On Behalf Of Bob Armstrong

Sent: 22 April 2009 14:14

To: BLKBRD-L@ASU.EDU

Subject: SafeAssign users list

Does anyone know how to get a list of SafeAssign users at a university?

Thanks

Bob Armstrong, M.A.

Instructional Designer & Blackboard Support New Media Learning & Development

University of Maryland, Baltimore County

410.455.3885

Email: rarmstro@umbc.edu

Website: http://www.subguy.net

Training: http://www.umbc.edu/training

----------------------------------------------------------

**Return the last login of a single person in a single course** ----------------------------------------------------------

Here are two oralce queries that should get you started

-- Return the last login of a single person in a single course, if it's been more than 5 days since last login

select max(to\_char(aa.timestamp,'YYYY-MM-DD HH24:MI')) "last login"

from activity\_accumulator aa, course\_users cu, users u, course\_main cm

where aa.course\_pk1=cm.pk1

and aa.user\_pk1=u.pk1

and u.pk1=cu.users\_pk1

and cm.pk1=cu.crsmain\_pk1

and cm.course\_id='ACT\_TESTCOURSE'

and u.user\_id='glparker'

having max(timestamp) < sysdate-5

;

On Jan 28, 2008 4:33 PM, Michael Robinette <mike.robinette@indwes.edu> wrote:

> The director requesting this is in charge of a degree program so she would like

> to see this for all her courses. Actually, it would be great to get a report of

> all AWOL faculty. Then I could send info to all interested directors.

>

> Also, the GUI is OK for a single course, but not multiple courses. Plus, we'd

> like for this to be 'exception' based.

>

> Mike

----------------------------------------------------------

**Return the last login of a single instructor**

----------------------------------------------------------

Here are two oralce queries that should get you started

-- Return the last login of a single person in all courses they are an instructor, if it's been more than 5 days since last login

select max(to\_char(aa.timestamp,'YYYY-MM-DD HH24:MI')) "last login"

, cm.course\_id

from activity\_accumulator aa, course\_users cu, users u, course\_main cm

where aa.course\_pk1=cm.pk1

and aa.user\_pk1=u.pk1

and u.pk1=cu.users\_pk1

and cm.pk1=cu.crsmain\_pk1

and cu.role='P'

and cu.available\_ind='Y'

and cm.available\_ind='Y'

and u.user\_id='glparker'

group by cm.course\_id

having max(timestamp) < sysdate-5

order by "last login"

;

On Jan 28, 2008 4:33 PM, Michael Robinette <mike.robinette@indwes.edu> wrote:

> The director requesting this is in charge of a degree program so she would like

> to see this for all her courses. Actually, it would be great to get a report of

> all AWOL faculty. Then I could send info to all interested directors.

>

> Also, the GUI is OK for a single course, but not multiple courses. Plus, we'd

> like for this to be 'exception' based.

>

> Mike

----------------------------------------------------------

# verify a student attempted an exam (requires sql and log from it)

----------------------------------------------------------

We'll have to try this the next time a student claims they took the exam...I've had a couple that I couldn't prove in the past...  
  
>>> Blackboard Support <blackboard@LONGWOOD.EDU> 4/9/2009 1:00 PM >>>  
On 7.2.383... the log titled ex090408 (where 090408 is the date for 4/8/09) in the directory X:\blackboard\logs\httpd\W3SVC1.  It's a pretty painful log to go through because it's the log of EVERY web item touched in Blackboard; however if you have database access, you can pull the student's PK1 number from the Users Table and search for it throughout the log.  You can search for "launchassessment" and compare IP addresses with the student's PK1.  I warn, it's very painful to look for, but once you get the hang of it, you'll be able to find what you need.  Once again it'll be necessary to have access to the database for this to work for you so you can compare PK1's and course\_main\_pk1's.  Hope this helps!  
  
JaBari A. Scott  
Blackboard Administrator  
Longwood University  
(434) 395-4357  
  
-----Original Message-----  
Behalf Of Jodi Payne  
Sent: Thursday, April 09, 2009 10:58 AM  
Subject: [BBADMIN-L] Student Grade Not Recorded in Grade Center  
  
I have a student in an online course who is claiming, for the second time this semester, that he has completed a quiz, the quiz was graded and the score shown to him, but the grade was not recorded in the Grade Center. When I look at this quiz in the Grade Center I see absolutely no grade information - no attempt recorded at all. While this is the second time this student has reported this issue for this course, he has taken other quizzes within the class that have the grades recorded and no other students in this class or any others on the server have ever reported this issue. The grades for this specific quiz are showing properly for all other students.  
  
I definitely want to do all of the research I can on this before reporting what I have found to the instructor. Can anyone recommend any other places I might check for information about this quiz attempt? I wasn't sure if there was a log that I might find helpful information in for this circumstance or not. I appreciate any advice.  
  
Thanks!  
Jodi Payne  
  
Jodi Payne  
Systems Administrator  
Howard Payne University  
1000 Fisk Ave  
Brownwood, TX 76801  
(325)-649-8040

----------------------------------------------------------

# report login sessions

----------------------------------------------------------

----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of

Elliott, Craig R

Sent: 23 March 2009 19:11

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] sql time metric count

Hi Paul,

Have you looked at the bb\_bb60\_stats.activity\_accumulator and bb\_bb60.activity\_accumulator tables?

The following are for Oracle, you would have to translate if you are on that other "database" ;->

--Return the user logintime (first activity for the session) and logouttime (last activity for the session) for the last 14 days:

SELECT DISTINCT user\_pk1, logintime, logouttime

FROM

(

SELECT user\_pk1, data

, min(timestamp) over (PARTITION BY user\_pk1, session\_id) logintime

, max(timestamp) over (PARTITION BY user\_pk1, session\_id) logouttime

FROM bb\_bb60\_stats.activity\_accumulator

WHERE timestamp >= sysdate-14

)

WHERE data = 'Login succeeded.'

ORDER BY logintime

/

/\*

USER\_PK1, LOGINTIME, LOGOUTTIME

123456 09.03.2009 14:08:36 10.03.2009 00:28:42

234567 09.03.2009 14:08:45 09.03.2009 14:08:45

234567 09.03.2009 14:09:00 09.03.2009 14:09:00

345678 09.03.2009 14:09:03 09.03.2009 14:17:59

\*/

--Return the logintime by day/hour and session login count.

SELECT dayhour, Count(session\_id)

FROM

(

SELECT Trunc(TIMESTAMP, 'HH') dayhour, TIMESTAMP , event\_type ,

session\_id , data

FROM bb\_bb60\_stats.activity\_accumulator

WHERE data = 'Login succeeded.'

)

GROUP BY dayhour

ORDER BY dayhour

/

/\*

DAYHOUR, COUNT(SESSION\_ID)

22.03.2009 00:00:00 101

22.03.2009 01:00:00 75

22.03.2009 02:00:00 67

22.03.2009 03:00:00 50

22.03.2009 04:00:00 34

22.03.2009 05:00:00 25

22.03.2009 06:00:00 25

22.03.2009 07:00:00 45

22.03.2009 08:00:00 95

22.03.2009 09:00:00 159

22.03.2009 10:00:00 194

22.03.2009 11:00:00 302

22.03.2009 12:00:00 384

22.03.2009 13:00:00 459

22.03.2009 14:00:00 521

22.03.2009 15:00:00 547

22.03.2009 16:00:00 596

22.03.2009 17:00:00 569

22.03.2009 18:00:00 457

22.03.2009 19:00:00 529

22.03.2009 20:00:00 621

22.03.2009 21:00:00 641

22.03.2009 22:00:00 628

22.03.2009 23:00:00 538

\*/

..

Craig

-----Original Message-----

On Behalf Of Paul Beal

Sent: Monday, March 23, 2009 11:40 AM

Subject: [BBADMIN-L] sql time metric count

Hello

BB Enterprise 8.0.206.7

I am after a little sql query that counts by hour the number of logins per day and be able to specify a day or a date period.

This will identify potential down time periods and give a good indication where and when the load is.

Does anyone have an sql query already made to do this at all and would not mind sharing?

Best Regards,

Paul Beal

Server / Applications Administrator

Doncaster College

----------------------------------------------------------

# report users that were added by the gui (system)

----------------------------------------------------------

|  |  |
| --- | --- |
| **Subject:** | Re: Tracking roster additions |
| **From:** | Michael F Zimmerman <mzimmerman@MAIL.UNOMAHA.EDU> |
|  |  |
| **Date:** | Tue, 16 Sep 2008 14:25:48 -0500 |
|  |  |

|  |
| --- |
| John,  The obvious way to do this is to query the database and look at the date and data source key on the course\_user (i.e. enrollment or staff assignment) records for those particular students in that particular class. A sql query to do that for all the users in the class would look something like:  use bb\_bb60  select users.batch\_uid, course\_users.enrollment\_date,  data\_source.batch\_uid from users, course\_users, data\_source where  course\_users.pk1 =  (select pk1 from course\_main where course\_id = '<course id'>)  and users.pk1 = course\_users.users\_pk1 and course\_users.data\_src\_pk1 =  data\_source.pk1  Hopefully the true SQL experts will forgive my inefficient coding skills! But a data source key of "SYSTEM" will indicate that the student was enrolled via the GUI/control panel or via batch file.  If you don't have direct access to the database, I'm not sure how else you'd get this information.  Mike  -----------------------------------------------------------------  Michael Zimmerman, System Administrator  University of Nebraska-Omaha, ITS Academic Information Systems  Email: mzimmerman@mail.unomaha.edu  Phone: 402-554-4357  From:  John Dlugosz <john.dlugosz@TRINCOLL.EDU>  To:  BLKBRD-L@ASU.EDU  Date:  09/16/2008 01:39 PM  Subject:  Tracking roster additions  Hope someone can help with this. I need to do some detective work and determine how certain students appeared on the roster for a course in Blackboard--but were never registered for the course. We use snapshot (from PeopleSoft), which updates class rosters each morning. Faculty and TAs can, of course, also add students, but typically do not. In this instance, we had a large number of students added to a course they had no intention of taking, and were never registered in. I need to determine if they were added  manually, and by who. Any suggestions on an approach to this? None of the System Admin tools allow this level of forensic work, unless I'm missing something.  Many thanks in advance.  John Dlugosz  Trinity College Learning Space Manager & Media Technology Specialist  Library & Information Technology Center Rm. A27  300 Summit St.  Hartford, CT 06106  john.dlugosz@trincoll.edu  Office: 860-297-4182 |

----------------------------------------------------------

# reconnect course\_contents to broken course links

----------------------------------------------------------

|  |  |
| --- | --- |
| **Subject:** | Re: SQL Ninja. Reconnect COURSE\_CONTENTS, LINK and COURSE\_NAVIGATION to correct broken course links |
| **From:** | Jim Weller <axjww@UAA.ALASKA.EDU> |
|  |  |
| **Date:** | Mon, 26 Jan 2009 12:03:16 -0900 |
|  |  |
| Here is the fix...  -- this gets the list course\_toc and course\_content pk1s necessary to  call LINK\_CR stored procedure  SELECT 'Link\_Cr(' || ct.pk1 ||  ',''NAVIGATION\_ITEM'',625,''Y'',''TEST'',' || cc.pk1 || ', NULL,  return\_pk1 );' FROM COURSE\_TOC ct, COURSE\_CONTENTS cc WHERE  ct.course\_contents\_pk1 = cc.parent\_pk1 AND cc.title = 'Live Conference  (eLive)';  -- this is the pattern to run the LINK\_CR proc once you have the above  data  DECLARE              return\_pk1 INTEGER;  BEGIN         Link\_Cr(1668528,'NAVIGATION\_ITEM',625,'Y','TEST',2405850, NULL,  return\_pk1 );         -- [...] lot's more LINK\_CR calls here  END; | |

Calling all SQL gurus.

"Error Broken Course Link: the target is missing. For reference, the Error ID is 611B8DC0-ECBE-11DD-C109-04399BF575C7. "

I have 24,000 broken course links. We deploy courses with snapshot course copy template. We have a course link that points to a plugin tool (elluminate live). The plugin vendor had one of our staff upgrade the plugin by removing it and re-uploading the WAR. This broke the course link in all the snapshotted courses.

I'm hoping to construct an insert/update/batch query that can reconnect the LINKS and COURSE\_NAVIGATION items. I think that I need to create LINK entries and COURSE\_NAVIGATION records.

This is what a newly created course links to elluminate live looks like. Course\_main connects to course\_contents and course\_navigation\_item which are connected by the LINK table. Newly created courses have this relation intact. Old courses have lost the LINK part of the relation.

A GOOD LINK COURSE

SELECT LINK.\* FROM

COURSE\_MAIN,COURSE\_CONTENTS,LINK,NAVIGATION\_ITEM

WHERE COURSE\_MAIN.pk1=COURSE\_CONTENTS.crsmain\_pk1

AND COURSE\_CONTENTS.pk1=LINK.COURSE\_CONTENTS\_PK1

AND COURSE\_CONTENTS.title LIKE '%eLive%'

AND LINK.LINK\_SOURCE\_TABLE='NAVIGATION\_ITEM'

AND LINK.LINK\_SOURCE\_PK1=NAVIGATION\_ITEM.PK1

AND COURSE\_MAIN.PK1=188405

178239 NAVIGATION\_ITEM 625 N

/Communications Tools [Hidden]/Elluminate <i>Live!</i>

2602247

A BAD LINK COURSE

SELECT LINK.\* FROM COURSE\_MAIN,COURSE\_CONTENTS,LINK,NAVIGATION\_ITEM

WHERE COURSE\_MAIN.pk1=COURSE\_CONTENTS.crsmain\_pk1

AND COURSE\_CONTENTS.pk1=LINK.COURSE\_CONTENTS\_PK1

AND COURSE\_CONTENTS.title LIKE '%eLive%'

AND LINK.LINK\_SOURCE\_TABLE='NAVIGATION\_ITEM'

AND LINK.LINK\_SOURCE\_PK1=NAVIGATION\_ITEM.PK1

AND COURSE\_MAIN.PK1=327199

Jim Weller, Lead Software Engineer

Information Technology Services, University of Alaska Anchorage

(907) 786-4656 jim.weller@uaa.alaska.edu

<mailto:jim.weller@uaa.alaska.edu>

----------------------------------------------------------

# report total time spent in a course by a specific user for the last 30 days

----------------------------------------------------------

>>> Glen Parker <glparker@USF.EDU> 2/20/2009 9:37 PM >>>

I think your best bet is to look in the actiity\_accumulator. It records a great many of the accesses that a person makes in the system. It's easy to query, and using group by statements or analytics, you could easily get min/max times for a given session in a

given course. The columns to look at

course\_pk1

user\_pk1

session\_id

timestamp

Here's an Oracle query that could get you started. It returns all sessions start and stop time for a given user in a given course in the last 30 days.

select min(timestamp), max(timestamp), user\_pk1, course\_pk1, session\_id

from activity\_accumulator

where timestamp > sysdate-30

and user\_pk1=(select pk1 from users where user\_id='glparker')

and course\_pk1=(select pk1 from course\_main where course\_id='ACT\_TESTCOURSE')

group by user\_pk1, course\_pk1, session\_id

order by min(timestamp)

;

Thanks, Glen

On Fri, Feb 20, 2009 at 4:43 PM, JK Crowley <crowleyk@vvc.edu> wrote:

> Because of new reporting issues we have to provide the times that a student

> is logged in to each course. It could be like 2/22/2009 6.8 hours classname or

> it could be 2/22/2009 on 1:30 to 4:45

>

> Thanks

> Kevin

----------------------------------------------------------

# enable users in an org where the enrollment was copied from a course

----------------------------------------------------------

>>> Jennifer Scalf <jscalf@ANDROMEDA.RUTGERS.EDU> 2/3/2009 5:16 PM >>>

Someone emailed me directly with enough info to jar the sql out of the hidden parts of my brain. Thank you very much!

and here it is:

update course\_users set row\_status='0' where

crsmain\_pk1='$COURSEPK1FROMCOURSEMAIN' and USERS\_PK1='$USERPK1FROMUSERS';

I forgot courses and orgs are so similar, the last time I had to do this was 2 years ago :)

Jennifer Scalf wrote:

Hi All,

We copied the enrollments/roster from a course into an organization and it copied a disabled student over and now I can't figure out how to enable them. I use to change a row status or something in the database for disabled students in courses, but I can't figure out how to do that

for an org. They are enabled again in the course (via the snapshot) but copying the enrollments over again didn't make them enabled in the org.

BB support suggested using snapshot. But I've never snapshot-ed enrollments in orgs. I don't know what data source key to use.

Anyway I'll take any fix :)

Thanks,

Jennifer

----------------------------------------------------------

# report disk usage for all courses

----------------------------------------------------------

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Wang,

John

Sent: Tuesday, December 09, 2008 1:29 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Course Disk Space Usage

Josh,

bgsu-du.war is the name of Disk Usage Report Building Block from Bowling Green State University. I must have got it from http://www.blackboard.com/extend/b2/. If you can't find it, I'll email you off list.

Thanks,

John Wang

On 12/9/08 2:15 PM, "Duncan, Josh" <JoshDuncan@LETU.EDU> wrote:

Hi John,

How can I obtain the B2 from Bowling Green State University?

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of Wang,

John

Sent: Tuesday, December 09, 2008 12:59 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Course Disk Space Usage

**[1]**

**SELECT cm.course\_id, cr.registry\_value/1024/1024 AS SIZE\_MB**

**FROM course\_registry cr, course\_main cm**

**WHERE registry\_key='disk\_usage' AND cr.crsmain\_pk1=cm.pk1**

**ORDER BY SIZE\_MB;**

**[2] Disk Usage Report Building Block from Bowling Green State University is a great course tool for it.**

John Wang

On 12/9/08 1:49 PM, "Duncan, Josh" <JoshDuncan@LETU.EDU> wrote:

Can anyone show me how to determine how much space is being used by each particular course? We have an upload limit for each course, but want to determine how much of that limit is being used for each course?

Any help would be greatly appreciated.

Thanks!

Josh Duncan, B.S.C.S.

Programmer/Analyst

LeTourneau University

Longview, Texas

----------------------------------------------------------

# find all sllabi in all courses

----------------------------------------------------------

>>> "DOZIER, JACK T." <dozierj@OTC.EDU> 1/21/2009 10:44 AM >>>  
Hi all,  
  
I hope everyone's semester is off to a great start.  
  
  
First a warning... If you don't know what an 'Oracle procedure' is, you will probably want to ignore the rest of this post.   
  
Also, running an untrusted sql statement as a user with alter permissions on a database is analogous to running an untrusted script as root... It's a bad idea. You should understand this code before you try to use it in production.  
  
I'm attaching an Oracle procedure that I thought might be helpful to other institutions. All of our credit courses have a Blackboard site. All faculty are required to post their syllabus to the Blackboard site. This is a procedure that I wrote that checks all courses of a certain semester for something resembling a syllabus.  
  
This was the first nontrivial Oracle procedure that I've written, so I'm sure there are improvements that could be made. It seems to be working well for us, though. We used it at the beginning of last semester and this semester.  
  
Things to note if you are going to use this code... The first 'select' statement in the procedure is where you set what courses will be checked. The main thing that we change is the DATA\_SRC\_PK1 to the current semester's. The second 'select' statement is where we get our list of content to check. The main thing that might need to be changed there is the title search. It currently looks for titles that contain 'syl', 'Syl', or 'SYL'. At the bottom, you'll also notice that it only prints the first 350 courses that are found without a syllabus. So, if you think you may have more than 350 courses without a syllabus, you'll probably want to increase this.  
  
The procedure took 8 seconds to check our 1,733 courses.  
  
A word of caution... I'm sure that some false positives are found, so I wouldn't take the resulting list as gospel without a decent amount of manual verifying.  
  
I don't know if this will be beneficial to anyone else, but I wanted to at least throw it out there. Hopefully, it will save someone some time.  
  
Any constructive criticism is welcome.  
  
  
Thanks,  
Jack Dozier

CREATE OR REPLACE PROCEDURE "BB\_BB60"."CHECK\_SYLLABI"

AS

CURSOR all\_courses\_cur

IS SELECT PK1, COURSE\_ID FROM BB\_BB60.COURSE\_MAIN where

ROW\_STATUS != 2 and

DATA\_SRC\_PK1=42 and

START\_DATE <=sysdate and

END\_DATE >= sysdate order by COURSE\_ID;

course\_rec all\_courses\_cur%ROWTYPE;

have\_syllabus boolean;

courses\_found int;

i number;

j number;

inst\_email varchar (30);

BEGIN

courses\_found := 0;

FOR course\_rec IN all\_courses\_cur

LOOP

--DBMS\_OUTPUT.PUT\_LINE(course\_rec.course\_id);

FOR content\_rec IN

(SELECT pk1, main\_data FROM BB\_BB60.COURSE\_CONTENTS where

COURSE\_CONTENTS.CRSMAIN\_PK1=course\_rec.pk1 and

(TITLE like '%Syl%' or TITLE like '%syl%' or TITLE like '%SYL%') and

COURSE\_CONTENTS.AVAILABLE\_IND='Y' and

(COURSE\_CONTENTS.START\_DATE is null or COURSE\_CONTENTS.START\_DATE<=sysdate) and

(COURSE\_CONTENTS.END\_DATE is null or COURSE\_CONTENTS.END\_DATE>=sysdate))

LOOP

--DBMS\_OUTPUT.PUT\_LINE(content\_rec.pk1 || ' ' || content\_rec.main\_data);

IF content\_rec.main\_data is NOT null AND DBMS\_LOB.GETLENGTH(content\_rec.main\_data) != 0

THEN

--We have syllabus data in the content item. Could be an attachment in the WYSIWYG

have\_syllabus := TRUE;

END IF;

SELECT COUNT(\*) INTO i FROM BB\_BB60.COURSE\_CONTENTS\_FILES where COURSE\_CONTENTS\_PK1=content\_rec.pk1;

SELECT COUNT(\*) INTO j FROM BB\_BB60.COURSE\_CONTENTS where PARENT\_PK1=content\_rec.pk1 and

COURSE\_CONTENTS.AVAILABLE\_IND='Y' and

(COURSE\_CONTENTS.START\_DATE is null or COURSE\_CONTENTS.START\_DATE<=sysdate) and

(COURSE\_CONTENTS.END\_DATE is null or COURSE\_CONTENTS.END\_DATE>=sysdate);

IF i > 0 or j > 0

THEN

--We have a syllabus document attached to the content item

have\_syllabus := TRUE;

END IF;

END LOOP;

IF NOT have\_syllabus

THEN

courses\_found := courses\_found + 1;

IF courses\_found < 350

THEN

DBMS\_OUTPUT.PUT\_LINE(course\_rec.course\_id);

END IF;

END IF;

--EXIT;

have\_syllabus := FALSE;

END LOOP;

DBMS\_OUTPUT.PUT\_LINE(courses\_found);

END;

----------------------------------------------------------

# Report the all courses that have tests set to forced completion or display set to one-at-a-time and time limit > 3 hours

----------------------------------------------------------

Here's the end result of my research. This query will return a list of course\_id's and gradebook titles of tests that either have force completion set, or have test set to display one-at-a-time AND have a time limit > 3 hours. It checks for Tests created in the last 24 hours. You could run this night;y and use the output to send email to the instructors with an appropriate warning. Or put it in a building block for further processing. Just a thought.

column course\_id format A17

column title format A60

-- Courses with Force Completion set

select cm.course\_id, 'ForceComplete', gm.title

from gradebook\_main gm

, qti\_asi\_data qad

, course\_main cm

, course\_assessment ca

where gm.qti\_asi\_data\_pk1=qad.pk1

and qad.crsmain\_pk1=cm.pk1

and ca.qti\_asi\_data\_pk1=qad.pk1

and gm.date\_added > sysdate - 1

and ca.force\_completion\_ind='Y'

union all

-- Courses with One-At-A-Time and > 3 hour timelimit set

select cm.course\_id, 'TimeLimit', gm.title

from gradebook\_main gm

, qti\_asi\_data qad

, course\_main cm

, course\_assessment ca

where gm.qti\_asi\_data\_pk1=qad.pk1

and qad.crsmain\_pk1=cm.pk1

and ca.qti\_asi\_data\_pk1=qad.pk1

and gm.date\_added > sysdate - 1

and time\_limit > 180

and delivery\_type\_ind='A'

;

On Thu, Dec 18, 2008 at 1:02 PM, Glen Parker glparker@usf.edu> (bb-open\_src list) wrote:

Hi all,

I know I'll find this if I keep digging, but I hope someone else has already discovered this. I'm interested in identifying test that have employed one or more 'risky' deployment options. In particular

- Force Completion

- All-At-Once coupled with Set Timer > 3 hours (Blackboard default timeout)

A significant portion of Helpdesk and Instructor resources are spent >> cleaning up from browser issues when these settings are used, so I'd like to preemptively notify instructors of the risks before egg ends up on all our faces. Does anyone know where those settings are held?

Thanks< Glen

----------------------------------------------------------

# Report the total number of assessments for the semester and the percentage of those that were successful

----------------------------------------------------------

Wow! I just ran a MS SQL version of that script and I think I have a problem. I know for a fact that some faculty have had problems with assessments here failing. From the results of the script it looks like 29% of all our attempts need to be reset. That can't be a good number especially considering you are at an almost 100% success rate.

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Hancock, Steve

Sent: Tuesday, December 16, 2008 11:48 AM

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] Successful Assessment Stats

We have been asked to produce numbers showing the number of assessments taken over a semesters period of time and to show what percentage of those assessment were successful. We are in RHEL, Oracle, Bb 8.0 environment.

A query (shown below) that we came up with to see how many assessments were cleared and it is showing that out of 476522 assessments taken 99% of those assessment did not have to be cleared. Does anyone else have a metric with specific criteria that you run and, do you mind sharing how

you run it? Also what is your average success rate for Bb assessments? I received a figure of 99.7% success from another institution that ran over 800,000 assessments in one month.

Here is our query:

select (success + cleared) as total, cleared, success, cleared /

(success + cleared) as percentage from

(select count(\*) as cleared from gradebook\_log gl

inner join gradebook\_main gm on gl.gradebook\_main\_pk1 = gm.pk1

-- inner join course\_main cm on gm.crsmain\_pk1 = cm.pk1

-- inner join users u on gl.user\_pk1 = u.pk1

where grade is null

and gm.score\_provider\_handle = 'resource/x-bb-assessment'

and attempt\_creation is not null

and deletion\_event\_ind = 'Y'

and gl.modifier\_username is not null

and gl.date\_logged > '2 SEP 2008'

and gl.date\_logged < '12 DEC 2008'),

(select count(\*) as success from gradebook\_log gl

inner join gradebook\_main gm on gl.gradebook\_main\_pk1 = gm.pk1

-- inner join course\_main cm on gm.crsmain\_pk1 = cm.pk1

-- inner join users u on gl.user\_pk1 = u.pk1

where attempt\_creation is not null

and gm.score\_provider\_handle = 'resource/x-bb-assessment'

and deletion\_event\_ind = 'N'

and gl.date\_logged > '2 SEP 2008'

and gl.date\_logged < '12 DEC 2008')

Thank you,

Steve Hancock, Information Technology, BYU-Idaho

----------------------------------------------------------

# Report the total number of sessions per hour

----------------------------------------------------------

----------------------------------------------------------

/\* Count of sessions per hour, see email "Fwd: Re: [BBADMIN-L] Sessions per hour?" \*/

----------------------------------------------------------

select to\_char(timestamp,'MM/DD/YYYY HH12 AM') "timestamp", count(\*)

from bb\_bb60.activity\_accumulator

where timestamp>to\_date('12-16-2008 12:00:00AM', 'MM-DD-YYYY HH12:MI:SSAM')

and timestamp<to\_date('12-16-2008 11:59:00PM', 'MM-DD-YYYY HH12:MI:SSAM')

group by to\_char(timestamp,'MM/DD/YYYY HH12 AM');

----------------------------------------------------------

# Report the total number of logins (event\_type specific)

----------------------------------------------------------

>>> David Carter-Tod <dcartertod@VCCS.EDU> 12/15/2008 2:42 PM >>>

You could narrow it down by event\_type, e.g.

SELECT count(distinct session\_id)

FROM activity\_accumulator

WHERE (timestamp >= '2008-12-10' and timestamp < '2008-12-11')

AND user\_pk1 is not null

and event\_type='LOGIN\_ATTEMPT'

Or

SELECT count(distinct session\_id)

FROM activity\_accumulator

WHERE (timestamp >= '2008-12-10' and timestamp < '2008-12-11')

AND user\_pk1 is not null

and event\_type='TAB\_ACCESS'

and data='\_1\_1' -- or whatever the default tab is if you have one

David

----------------------------------------------------------

# Report the total number of sis instructors in used courses (courses with content beyond the 12kB template size) for a given semester

----------------------------------------------------------

My scripts from what I learned from Mike at Nebraska-Omaha and Mike at Griffith.

/\* Michael of Griffith U approach

This approach executes quicker \*/

select cu.data\_src\_pk1, count(unique cu.users\_pk1)

from bb\_bb60.course\_users cu inner join bb\_bb60.course\_main cm on cu.crsmain\_pk1=cm.pk1

where cu.role='P' and cu.row\_status=0 and cm.course\_id LIKE

'%4082'

and cm.pk1 in (SELECT crsmain\_pk1 FROM bb\_bb60.course\_registry WHERE

registry\_key='disk\_usage' AND registry\_value > 12288)

group by cu.data\_src\_pk1;

/\* Mike Zimmerman of U of Nebraska-Omaha approach \*/

SELECT COUNT(UNIQUE user\_id)

FROM bb\_bb60.users u, bb\_bb60.course\_main cm

WHERE u.pk1 IN /\* user\_id must be lower case \*/

(SELECT users\_pk1

FROM bb\_bb60.course\_users

WHERE ROLE LIKE 'P'

AND row\_status = 0

AND data\_src\_pk1 <> 2 /\* System (GUI Added) 2, therefore SIS <> 2 \*/

AND crsmain\_pk1 IN

(SELECT pk1

FROM bb\_bb60.course\_main

WHERE course\_id LIKE '%4082' AND pk1 IN /\* course\_id must be UPPER CASE \*/

(SELECT crsmain\_pk1

FROM bb\_bb60.course\_registry /\* Not the most accurate way to report "used" courses, some courses still have some usage in other areas not recorded by course\_registry such as a Group creation \*/

WHERE registry\_key='disk\_usage'

AND registry\_value > 12288)));

---

Hi Brad,

We use snapshot to import instructors from our SIS and assign them a specific data source key. This then makes it really simple to find out which instructors have been enrolled in courses via the GUI (data\_src\_pk1=2) or from a synch with our SIS (data\_src\_pk1=x).

select cu.data\_src\_pk1, count(unique cu.users\_pk1)

from course\_users cu inner join course\_main cm on cu.crsmain\_pk1=cm.pk1

where cu.role='P' and cu.row\_status=0 and cm.course\_id LIKE

'%EndingSemesterCodeHere'

and cm.pk1 in (SELECT crsmain\_pk1 FROM course\_registry WHERE registry\_key='disk\_usage' AND registry\_value > 12288)

group by cu.data\_src\_pk1

Not sure if this helps your current need, but is how we do it.

Cheers,

Michael

Griffith University

----

The data source key (or rather, the pk1 for the data source key) for an instructor assignment is in course\_users.data\_src\_pk1. Instructors added

via a snapshot will have the pk1 of the data source key used for the snapshot in that field. Instructors added via the GUI will have a data source key of "System", which has a pk1 of "2".

So you could pull out instructors added via the GUI by adding "and data\_src\_pk1 = '2'" to the section querying the course\_users table, unless you're also using the "System" data source key for your snapshots.

Michael Zimmerman, System Administrator

University of Nebraska-Omaha, ITS Academic Information Systems

Email: mzimmerman@mail.unomaha.edu

Phone: 402-554-4357

From:

Brad

To:

BBADMIN-L@ASU.EDU

Date:

12/09/2008 03:26 PM

Subject:

[BBADMIN-L] SQL - Need help with a script that reports the number of SIS

brought over instructors that are on used courses

Sent by:

bbadmin-l - listserv <BBADMIN-L@asu.edu>

SQL - What is the field that distinguishes if the instructor was added by the GUI?

I have a script that reports the number of instructors that are on used courses. (Used courses for us are any that are over the minimum template size of 12 Kb.) We would like to distinguish between 'instructors of record' from SIS and ones added later via the GUI. What do I need to add

to get this distinction? Also, if someone has a better approach all together please share.

-----------------------------------------------------------

-- Total Number of Unique Instructors in Used Courses for a Given Semester

SELECT COUNT(UNIQUE user\_id)

FROM users u, course\_main cm

WHERE u.pk1 IN

(SELECT users\_pk1

FROM course\_users

WHERE ROLE LIKE 'P' AND crsmain\_pk1 IN

(SELECT pk1

FROM course\_main

WHERE course\_id LIKE '%EndingSemesterCodeHere' AND pk1 IN

(SELECT crsmain\_pk1

FROM course\_registry

WHERE registry\_key='disk\_usage'

AND registry\_value > 99999)));

-----------------------------------------------------------

Good day,

Brad

University of Louisville

----------------------------------------------------------

# Report number of instructors that have courses with content (usage) for a given semester

----------------------------------------------------------

Brad,

To re-phrase your question,How many instructors are involved with courses that have content?

Since multiple instructors have multiple classes a sum on the sql I sent previously will overstate the count.  The problem is that course\_registry is tied to the course and not to the users.

A subtle change is to select distinct only for the users\_pk1 although in the where clause being sure that your looking at '4075' classes.

Select count(1) FROM  
(select distinct cu.users\_pk1   
from bb\_bb60.course\_users cu  
, bb\_bb60.course\_main cm  
where cu.crsmain\_pk1 IN (Select cr.crsmain\_pk1 from bb\_bb60.course\_registry cr  
                                         where cr.registry\_key='disk\_usage'  
                                         AND cr.registry\_value > 0)  
and cu.role = 'P'  
and cm.pk1 = cu.crsmain\_pk1  
and cm.course\_id like 'u');

Dave

Very Respectfully  
  
David Lee Craig  
University of Louisville  
  
  
>>> Brad 7/25/2008 2:50 PM >>>

I got it to run, but can you do a sum or count of the instructors easily. I tried SUM COUNT and haven't been able to get a count of instructors that were involved with course usage. Of course I could import data into Excel and sum. Is that the best way?

-Brad    
  
>>> David L Craig 7/25/2008 2:01 PM >>>

Brad,

 You may want to compare approaches.  The sql below resolves the number of instructors per class that have disk usage.

SELECT cm.course\_id, cup.count\_of\_instructors FROM   
  (select cuc.crsmain\_pk1, count(cuc.users\_pk1) as count\_of\_instructors FROM  
     (select distinct cu.crsmain\_pk1, cu.users\_pk1 from bb\_bb60.course\_users cu   
       where cu.crsmain\_pk1 IN (Select cr.crsmain\_pk1 from bb\_bb60.course\_registry cr  
                                                  where cr.registry\_key='disk\_usage'  
                                                 AND cr.registry\_value > 0)  
  and cu.role = 'P') cuc  
  GROUP BY cuc.crsmain\_pk1)cup  
, course\_main cm  
WHERE cm.pk1 = cup.crsmain\_pk1  
AND cm.course\_id like 'u'  
ORDER BY cm.course\_id;

Dave

Very Respectfully  
  
David Lee Craig  
University of Louisville

>>> Brad 7/25/2008 11:54 AM >>>

I figured out the SQL, you can ignore the previous cry for help.

-Brad

------------------------------------------------

David,

I have a favor to ask, can you assist me with some SQL code? I have been struggling to write the proper scripts to gather the number of unique instructors for "used" courses. Below is the SQL for used courses which is not the best, but we are going with it for now. And then I have the code to find instructors on a course. I am having issues trying to get the find count of instructors on courses and how to tie this to only "used" courses. Any help would be appreciated.

--------------------------------------------------------------------------------         
-- Find COUNT of all courses that have USAGE (activity).         
-- May only be good for 2007 courses. (Note: New template is 12 Kb starting with 4088.)  
         
SELECT COUNT (\*)         
FROM (         
      SELECT cm.course\_id         
      FROM bb\_bb60.course\_registry cr, bb\_bb60.course\_main cm         
      WHERE registry\_key='disk\_usage'         
      AND cr.crsmain\_pk1=cm.pk1         
      AND cr.registry\_value > 0          
      AND cm.course\_id like '@75'            
    );         
--------------------------------------------------------------------------------

/\*SHOULD REPORT COUNT OF 2

FOR TESTING: TWO ACCOUNTS, SYS\_ACCOUNT AND SIS\_USER ACCT AS INSTRUCTORS

 ON THE 12 COURSES THAT START WITH BRAD

\*Returns null, doesn't error out but apparently isn't written properly.  
\*/  
SELECT COUNT (UNIQUE u.user\_id) "Count of Unique Instructors"  
FROM bb\_bb60.course\_main cm, bb\_bb60.course\_users cu, bb\_bb60.users u  
WHERE   
cm.course\_id LIKE 'BRAD%' --TESTING PURPOSES, 12 COURSES THAT START WITH BRAD  
AND cm.pk1 IN   
  (SELECT crsmain\_pk1   
  FROM bb\_bb60.course\_users   
  WHERE ROLE = 'P')  
  AND cu.users\_pk1 IN  
  (SELECT pk1  
  FROM bb\_bb60.users  
  WHERE user\_id = '%SIS\_USER\_ACCT%') --TWO ACCOUNTS, SYS\_ACCT AND SIS\_USER AS INSTRUCTORS  
GROUP BY u.user\_id  
;  
--------------------------------------------------------------------------------

Good day,

Brad Lawton

----------------------------------------------------------

# list all activity by a user

----------------------------------------------------------

Mark,

Regarding your voice mail, here is the sql used to report to Lisa Cooper the activity she specified.

select to\_char(aa.TIMESTAMP, 'yyyy/mm/dd:hh:mi:ssam'), aa.EVENT\_TYPE, aa.USER\_PK1 ,u.USER\_ID, cm.course\_id, aa.content\_pk1, cc.content\_type, cc.offline\_name, cc.offline\_path, cc.title, cc.dtcreated, cc.dtmodified, aa.data, aa.internal\_handle from BB\_BB60.ACTIVITY\_ACCUMULATOR aa  
, users u  
, course\_main cm  
, course\_contents cc  
where aa.timestamp < to\_date ('2008/10/21:12:00:00am','yyyy/mm/dd:hh:mi:ssam')  
and aa.timestamp > to\_date ('2008/10/12:12:00:00am','yyyy/mm/dd:hh:mi:ssam')  
and aa.user\_pk1 = u.pk1(+)  
and aa.user\_pk1 = 99999 /\* ENTER USER\_PK1 HERE \*/  
AND aa.course\_pk1 = cm.pk1(+)  
AND aa.CONTENT\_PK1 = cc.pk1(+)  
order by to\_char(aa.TIMESTAMP, 'yyyy/mm/dd:hh:mi:ssam');

SELECT \* FROM users WHERE pk1 = 99999;

Attached is the report I sent Lisa.

Dave

Very Respectfully  
  
David Lee Craig  
University of Louisville

----------------------------------------------------------

# list all courses with no content

----------------------------------------------------------

>>> Paul Beal <paul.beal@DON.AC.UK> 11/14/2008 11:33 AM >>>

Hello Ken

Try this statement:

select cm.course\_id,

sum(f.file\_size)/1024/1024 "Total Mb"

from files f,

course\_contents\_files ccf,

course\_contents cc,

course\_main cm

where f.pk1=ccf.files\_pk1

and cc.pk1=ccf.course\_contents\_pk1

and cc.crsmain\_pk1=cm.pk1

group by cm.course\_id

having sum(file\_size)/1024/1024 < 1

hope this helps?

Best Regards,

Paul Beal

Server / Applications Administrator

Doncaster College

Office: 01302 553553 x4238

Fax: 01302 553568

Mobile: 07976384009

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of ken Maxwell

Sent: 14 November 2008 16:11

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] Finding Courses with No Content

Hi all

We am running Bb 7.2 enterprise on W2k3 + sql2000

We are looking for an SQL script that will find courses with no content so these can be deleted.

Thank you

Ken Maxwell

BB Administrator

Iona College

NY

----------------------------------------------------------

# list all courses with large exams (assessments)

----------------------------------------------------------

More on the large test SQL - could be useful in some situations.

>>> Martin Mcnamee <mmcnamee@UNIMELB.EDU.AU> 9/3/2008 3:52 AM >>>

....sigh....

Further playing around with this revealed there seems to be a buffer limitation on the cast\_to\_varchar2 of 2000, so you need to amend this query and add where large\_tests.pk1=qad.pk1 and lengthb(data)<2000 and then force the >2000 out in a union without a title

Martin.

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of

Martin Mcnamee

Sent: Wednesday, 3 September 2008 10:12 AM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Large Tests

And one more refinement; the title, which actually doesn't seem too expensive to extract if you are running on Oracle.

select

cnt

,course\_id

,type

,extractValue(xmltype(utl\_raw.cast\_to\_varchar2(dbms\_lob.substr(data,5000

,1))),'/assessment/@title') title

from

(

select

count(\*) cnt

,c.pk1

,cm.course\_id

,decode(c.bbmd\_assessmenttype, 1, 'test', 3, 'survey', 4,

'pool') type

from

qti\_asi\_data a

,qti\_asi\_data b

,qti\_asi\_data c

,course\_main cm

,gradebook\_main gm

where

a.parent\_pk1 = b.pk1

and b.parent\_pk1=c.pk1

and c.parent\_pk1 is null

and c.pk1=gm.qti\_asi\_data\_pk1

and c.crsmain\_pk1=cm.pk1

group by

c.pk1, cm.course\_id, decode(c.bbmd\_assessmenttype, 1,

'test', 3, 'survey', 4, 'pool')

having count(\*) > 100

) large\_tests

, qti\_asi\_data qad

where

large\_tests.pk1=qad.pk1

order by

large\_tests.cnt

/

Martin

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Glen

Parker

Sent: Wednesday, 3 September 2008 8:58 AM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Large Tests

Hi,

I refined the query a bit. It now includes whether the object in qti\_asi\_data is a test, survey, or pool, and it orders the results from low to high by # questions. Biggest tests will be at the bottom of the list.

Thanks, Glen

column course\_id format A20

select count(\*) "Num Questions", c.pk1, cm.course\_id,

decode(c.bbmd\_assessmenttype, 1, 'test', 3, 'survey', 4, 'pool') type

from qti\_asi\_data a , -- questions level count these qti\_asi\_data b ,

qti\_asi\_data c , -- top level course\_main cm, gradebook\_main gm where

a.parent\_pk1 = b.pk1 and b.parent\_pk1=c.pk1 and c.parent\_pk1 is null and

c.pk1=gm.qti\_asi\_data\_pk1 and c.crsmain\_pk1=cm.pk1

-- and substr(cm.course\_id,-2,2) in ('07','08') -- Look only in courses with USF course\_id 2007 , 2008 group by c.pk1, cm.course\_id,decode(c.bbmd\_assessmenttype, 1, 'test', 3, 'survey', 4, 'pool') having

count(\*) > 100 order by count(\*) ;

>>> Glen Parker <glparker@USF.EDU> 9/2/2008 4:38 PM >>>

Hello,

This query should meet your needs. It looks into the QTI\_ASI\_DATA structure for any test with more than 30 questions, and returns the count of number of questions, the qti\_asi\_data.pk1 of the root record for that test, and the course\_id of the course that test belongs in. Unfortunately, the Title of the test is stored in the BLOB

QTI\_ASI\_DATA.DATA, so extracting that would become really xpensive.

select count(\*) "Num Questions", c.pk1, cm.course\_id

from qti\_asi\_data a , -- questions level count these

qti\_asi\_data b ,

qti\_asi\_data c , -- top level

course\_main cm,

gradebook\_main gm

where a.parent\_pk1 = b.pk1

and b.parent\_pk1=c.pk1

and c.parent\_pk1 is null

and c.pk1=gm.qti\_asi\_data\_pk1

and c.crsmain\_pk1=cm.pk1

group by c.pk1, cm.course\_id

having count(\*) > 30

;

On Tue, Sep 2, 2008 at 3:54 PM, Farmer, Mike <farmerm@byui.edu> wrote:

> We have noticed that instructors that build really big tests generally have more issues with students being unable to complete the test or having general blackboard issues. What I'd like to do is see if I can find a way to detect which courses/instructors have large tests (greater

> than 30 questions). Does anyone have any idea what queries I could run on the database or what tables I could look in to get this info. Also, if it is available in Blackboard and I just missed it, that would help as well.

----------------------------------------------------------

# list all courses using safeassign

----------------------------------------------------------

----------------------------------------------------------

/\* LIST ALL COURSES THAT HAVE AT LEAST ONE SAFEASSIGNMENT \*/

----------------------------------------------------------

SELECT cm.pk1,

cm.course\_id,

cm.course\_name

FROM bb\_bb60.course\_contents cc,

bb\_bb60.course\_main cm

WHERE cc.cnthndlr\_handle='resource/x-mdb-assignment'

AND cc.crsmain\_pk1 =cm.pk1

GROUP BY cm.pk1,

cm.course\_id ,

cm.course\_name

ORDER BY cm.pk1;

-----

Hi,

This works for us...

SELECT cm.pk1,

cm.course\_id,

cm.course\_name

FROM bb\_bb60.course\_contents cc,

bb\_bb60.course\_main cm

WHERE cc.cnthndlr\_handle='resource/x-mdb-assignment'

AND cc.crsmain\_pk1 =cm.pk1

GROUP BY cm.pk1,

cm.course\_id ,

cm.course\_name

ORDER BY cm.pk1;

David Barrett

VLE Application Manager

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http://vlesupport.york.ac.uk

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@asu.edu] On Behalf Of Leslie Harris

Sent: 28 October 2008 18:52

To: BLKBRD-L@ASU.EDU

Subject: SafeAssign Data Type Needed for Query

Hi, Folks.

We want to survey our faculty members who have used SafeAssign this semester, to see what problems they have had, as well as what they think about SafeAssign as a "plagiarism-checking" service.

I know \*many\* of the faculty members who are using SafeAssign, since they have complained to me when their students have been unable to submit SafeAssignments. I was wondering, though, if there is a way to query the

database to figure out which courses have SafeAssignments in them. While I was building that query, it would be nice to be able to find out which courses are using the good old "Assignment Manager" process, too.

Does anyone know what table might have that information, what field I would be looking for, and values would represent a "SafeAssignment" and an "Assignment"?

I'd appreciate any help you can provide.

Leslie Harris

Bucknell University

----------------------------------------------------------

# list all blocking database sessions

----------------------------------------------------------

Dan,

We saw something similar on our 7.3 instance.

In our case, we were able to see that there were some database

sessions that were blocking other sessions. The SQL below should give

you a report of which sessions are causing the blocks:

select s1.username || '@' || s1.machine

|| ' ( SID=' || s1.sid || ' ) is blocking '

|| s2.username || '@' || s2.machine || ' ( SID=' || s2.sid || ' ) ' AS

blocking\_status

from v$lock l1, v$session s1, v$lock l2, v$session s2

where s1.sid=l1.sid and s2.sid=l2.sid

and l1.BLOCK=1 and l2.request > 0

and l1.id1 = l2.id1

and l2.id2 = l2.id2

If you do have blocking sessions, you can 1) kill them or 2) restart

the app server(s). Rolling restarts of all of our app servers put us

back to normal and course copies were able to continue. We were

careful to make sure that there were no tasks with status "R" before

we submitted the next copy content request.

We haven't proven this, but as far as we could tell the problem

appeared when we submitted multiple copy content requests in a brief

period of time and there were many tasks running ("R") in parallel.

Hope this helps.

Please let me know if you have any further questions.

Sincerely,

Gerardo.

Gerardo Garcia

Assistant Director

Academic & Professional Program Services

Florida State University

UCC 3500

(850) 645-5636

ggarcia@fsu.edu

----------------------------------------------------------

# list all courses that are not using the gradebook

----------------------------------------------------------

This query assumes that an unused gradebook has two columns, the Total and Weighted Total columns (having count(\*) > 2) if you use a course template that has more columns, adjust the HAVING clause accordingly.

select cm.course\_id, u.user\_id

from course\_main cm, course\_users cu

, users u, gradebook\_main gm

where gm.crsmain\_pk1=cm.pk1

and cm.pk1=cu.crsmain\_pk1

and u.pk1=cu.users\_pk1

and cu.row\_status=0

and cu.role='P'

group by cm.course\_id, u.user\_id

having count(\*) > 2

;

Thanks, Glen Parker (USF)

On Mon, Aug 11, 2008 at 4:03 PM, Jennifer Scalf <

jscalf@andromeda.rutgers.edu> wrote:

> Calling all Oracle DBAs,

>

> Could someone please help me with sql code that will spit out every > course + instructor user\_id where anything has been put into the > gradebook?

>

> I'll take just a list of courses with anything in their gradebook also, > if that's easier.

>

> Thank you very much,

> jennifer

----------------------------------------------------------

# How much space in Content Collection is each user using?

----------------------------------------------------------

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Martin Mcnamee

Sent: Tuesday, July 22, 2008 9:13 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] How much space in Content Collection is each

user using?

I use ( for subjects, need to edit for users )

select

substr( replace(xu.full\_path,'/courses/',null) , 1,

instr(replace(xu.full\_path,'/courses/',null),'/')-1 ) folder

,sum(xf.file\_size) cssize

from

cms\_files\_courses.xyf\_urls xu

,cms\_files\_courses.xyf\_files xf

,cms\_files\_courses.xyf\_blobs fb

,cms\_files\_courses.xyf\_file\_versions fv

where

xf.file\_id = xu.file\_id

and fv.blob\_id = fb.blob\_id

and fv.file\_id = xf.file\_id

group by

substr( replace(xu.full\_path,'/courses/',null) , 1,

instr(replace(xu.full\_path,'/courses/',null),'/')-1 )

order by

2

/

which seems to provide believable results

Martin

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Donna Wicks

Sent: Tuesday, 22 July 2008 5:33 AM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] How much space in Content Collection is each user using?

owner\_principal\_id goes back to the xyf\_principal\_lookups table. The principal\_id column in that table can be linked back to the user\_id in the users table.

Donna

Donna M. Wicks

Senior Systems Administrator - Blackboard Kettering University 1700 W.

Third Avenue Flint MI 58504

810-762-7889

-------------- Original message ----------------------

From: "Garrett, Jason" <Jason-Garrett@CDOLINC.NET>

> I would think it would be something like this:

>

> SELECT OWNER\_PRINCIPAL\_ID, SUM(FILE\_SIZE) AS 'SPACE\_USED'

> FROM XYF\_FILES

> GROUP BY OWNER\_PRINCIPAL\_ID

> ORDER BY SPACE\_USED DESC

>

> However, I don't know how to tie OWNER\_PRICIPAL\_ID back to a username.

>

> Jason Garrett

> Microsoft Systems Specialist

> Catholic Diocese of Lincoln Schools

> jason-garrett@cdolinc.net

> Office: (402) 488-2040 x425

> Mobile: (402) 613-0899

>

> -----Original Message-----

> From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of

> Willem van Valkenburg

> Sent: Friday, July 18, 2008 10:11 AM

> To: BBADMIN-L@ASU.EDU

> Subject: Re: [BBADMIN-L] How much space in Content Collection is each

> user using?

>

> You can use this query:

>

>

> SELECT CMS\_FILES\_USERS.XYF\_URLS.FULL\_PATH,

> CMS\_FILES\_USERS.XYF\_FILES.Quota, CMS\_FILES\_USERS.XYF\_FILES.File\_size

>

> FROM CMS\_FILES\_USERS.xyf\_URLS, CMS\_FILES\_USERS.XYF\_FILES WHERE

> CMS\_FILES\_USERS.xyf\_URLS.file\_id=CMS\_FILES\_USERS.xyf\_FILES.file\_id AND

> FILE\_TYPE\_CODE = 'D' AND CMS\_FILES\_USERS.xyf\_URLS.parent\_id='1001'

>

> Regards,

>

> Willem

>

> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> ir. W.F. van Valkenburg

> Delft University of Technology

> Shared Service Centre ICT - 3xO

>

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> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

>

> -----Original Message-----

> From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of Garrett, Jason

> Sent: donderdag 17 juli 2008 19:04

> To: BBADMIN-L@ASU.EDU

> Subject: [BBADMIN-L] How much space in Content Collection is each user using?

>

> How do I determine how much space each user is using in the Blackboard Content System?

>

> Jason Garrett

> Microsoft Systems Specialist

> Catholic Diocese of Lincoln Schools

> jason-garrett@cdolinc.net

> Office: (402) 488-2040 x425

> Mobile: (402) 613-0899

----------------------------------------------------------

# LIST ALL COURSES USING THE DISCUSSION BOARD

----------------------------------------------------------

This is the query I use to find courses using the discussion board

select co.owner\_pk1, count(\*) from conference\_owner co, conference\_main cm,

forum\_main fm

where co.pk1=cm.conference\_owner\_pk1

and cm.pk1=fm.confmain\_pk1

group by co.owner\_pk1

having count(\*) > 0;

In this query, co.owner\_pk1 is the course\_main.pk1 of the course, which could be further resolved to a course\_id if needed. count(\*) is a count of the number of forums in a course. An empty course discussion board has no

forums, so returning count(\*) > 0 is an effective filter.

Glen

Re: Blackboard discussion board forum tables [BB-ADMIN-L]

On 7/28/08 1:41 PM, "Salvador, Rogelio" <rsalv1@UIS.EDU> wrote:

I need help in determining what courses are using the discussion board forum. Is there anyone who has SQL script to verify it?

Try this

select COURSE\_ID from COURSE\_MAIN where PK1 in (select CRSMAIN\_PK1 from CONFERENCE\_MAIN\_BBUPDATERBCK where PK1 in (select CONFMAIN\_PK1 from FORUM\_MAIN));

John Wang

----------------------------------------------------------

# List all courses sorted by the amount of activity performed:

----------------------------------------------------------

*select course\_id, sum(duration\_time) as seconds, sum(click) as activity\_clicks*

*from bb\_bb60\_stats.bi\_data*

*group by course\_id*

*order by activity\_clicks desc;*

----------------------------------------------------------

# List courses and users who accessed them with the most frequently activity at the top:

----------------------------------------------------------

*select course\_id, user\_id, sum(duration\_time) as seconds,*

*sum(click) as activity\_clicks*

*from bb\_bb60\_stats.bi\_data group by course\_id, user\_id*

*order by activity\_clicks desc;*

----------------------------------------------------------

# List users who accessed the system sorted by the amount of

# activity they performed:

----------------------------------------------------------

*select user\_id, sum(duration\_time) as seconds, sum(click) as activity\_clicks*

----------------------------------------------------------

# List active users per role (how many students, faculty etc.)

----------------------------------------------------------

*select c.role\_name as Roles, count(distinct a.user\_pk1) as Count*

*from bb\_bb60\_stats.bi\_data a, bb\_bb60\_stats.USERS b,*

*bb\_bb60\_stats.INSTITUTION\_ROLES c*

*where a.user\_pk1 = b.pk1(+) and b.institution\_roles\_pk1=c.pk1(+)*

*group by c.role\_name;*

----------------------------------------------------------

# Show users and their activity level

----------------------------------------------------------

*select student\_id, user\_id, sum(click) as Activity,*

*sum(duration\_time) as Seconds, count(distinct course\_id) as Courses*

*from bb\_bb60\_stats.bi\_data*

*group by student\_id, user\_id order by user\_id;*

----------------------------------------------------------

# report PORTAL MODULE USAGE

----------------------------------------------------------

> SELECT COUNT(DISTINCT users\_pk1)

> FROM layout a,

> module\_layout b

> WHERE a.pk1 = b.layout\_pk1

> AND b.module\_pk1 =

> (SELECT pk1

> FROM MODULE

> WHERE LOWER(title) like 'portal/bookmarks.title')

|  |  |
| --- | --- |
| **Subject:** | Re: SQL Query: Portal Module Usage? |
| **From:** | Volker Kleinschmidt <vkleinschmidt@GMAIL.COM> |
| **Reply-To:** | bbadmin-l - listserv <BBADMIN-L@ASU.EDU> |
| **Date:** | Tue, 12 Jun 2007 13:38:35 +0200 |
| **Content-Type:** | text/plain |

|  |
| --- |
| This query is otherwise fine, but overlooks the distinction between  customized layouts and default layouts, which would be used by a large  number of users. In other words, this query is correct only if you know that the default layouts don't contain the module in question. Otherwise you would have to count the number from the below query where the layouts are user-customized layouts, and add the number of system users that don't have a custom layout for the My Institution tab or whatever tab the module is on by default (but many of those may never have logged in, so that would overestimate the usage).  For a module such as this that allows users to record data in it, you may also prefer counting not who has the module on his layout, but **who actually uses it (i.e. records data in it) by querying the PORTAL\_EXTRA\_INFO table.**  --Volker  On 6/11/07, Stierwalt, Kyle <KStierwalt@campus.fsu.edu> wrote:  >  > SELECT COUNT(DISTINCT users\_pk1)  > FROM layout a,  > module\_layout b  > WHERE a.pk1 = b.layout\_pk1  > AND b.module\_pk1 =  > (SELECT pk1  > FROM MODULE  > WHERE LOWER(title) like 'portal/bookmarks.title')  >  > -----Original Message-----  > From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Mark  > A. O'Neil  > Sent: Monday, June 11, 2007 9:45 AM  > To: BBADMIN-L@asu.edu  > Subject: [BBADMIN-L] SQL Query: Portal Module Usage?  >  > Before I go questing for the tables etc does anyone have a sql query  > that will display the number of uses a particular portal module (eg the  > bookmarks module) may have?  >  > Thanks,  > -m  >  > Directions to BBADMIN-L archives and settings:  > <http://is.asu.edu/instruction/faq/usingBBADMIN-L.html> |

----------------------------------------------------------

# report GUI CREATED cOURSES

----------------------------------------------------------

SELECT bb\_bb60.dbo.COURSE\_MAIN.COURSE\_ID,

bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.USER\_PK1

FROM bb\_bb60.dbo.COURSE\_MAIN CROSS JOIN

      bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR

WHERE (bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.INTERNAL\_HANDLE =

'create\_course') OR

      (bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.INTERNAL\_HANDLE =

'batch\_create\_courses')

GROUP BY bb\_bb60.dbo.COURSE\_MAIN.COURSE\_ID,

bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.USER\_PK1, ABS(DATEDIFF(s,

      bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.[TIMESTAMP],

bb\_bb60.dbo.COURSE\_MAIN.DTCREATED))

HAVING (ABS(DATEDIFF(s, bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.[TIMESTAMP],

bb\_bb60.dbo.COURSE\_MAIN.DTCREATED)) < 5)

|  |  |
| --- | --- |
| **Subject:** | Re: determining who created a course |
| **From:** | Dana Holland <dana.holland@NAVARROCOLLEGE.EDU> |
| **Reply-To:** | bbadmin-l - listserv <BBADMIN-L@ASU.EDU> |
| **Date:** | Thu, 17 May 2007 08:52:27 -0500 |
| **Content-Type:** | text/plain |

|  |
| --- |
| It must have something to do with our version, because I've been  monitoring the activity\_accumulator and there are no entries that refer  to course creation - yet, we've have more courses created through the  GUI since I started this thread. For now I've resolved the problem (or  at least I think I have) by removing admin rights from everyone except  me. If I still see courses being created, then I'll know it's not  happening the way I think it is.  Jans, Jos wrote:  > I can't tell how all types of courses are created, some people use at  > out college the import or restore option, some use the course creation  > wizard and some other use a wizard that we created by our self, or use  > the snapshot method.  >  > You should try all the different possibilities and then every time after  > creating a course check what is changed in the tables. This is the  > easiest done in a test environment where nobody else works on (virtual  > PC or something like that).  >  > I created a long time ago a MS-Access Database that does this for me,  > not 100% proof but it works good enough for me. You imports all the  > tables before and after the Course creation and then run the Code. It  > compares, the Table and Table-1 with each other and writes the  > difference to a separate table.  >  > After clicking away the error messages, you will get a list of changes,  > then you can go on and create youre query that works for you. I could  > give it a try to cleanup this Access 2000 Database and then it could  > probably be usefull for other people to???  >  > By the way the en\_course\_creation doesn't ring a bell for me?? But after  > running the test as described earlier you will know!  >  > With Kind regards,  > Jos Jans  > ICT INHOLLAND  > (Blackboard) Desktop & Application Management  > ' (023) 543 8152  >  > -----Original Message-----  > From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of Dana  > Holland  > Sent: Tuesday, May 08, 2007 4:40 PM  > To: BBADMIN-L@ASU.EDU  > Subject: Re: [BBADMIN-L] determining who created a course  >  > The query works - it's just that I don't have any of those entries in my  >  > activity\_accumulator. The only entry that even remotely looks like it  > might have something to do with the creation of a course is:  > en\_course\_creation  >  > Also, I think I misreported the version we're on - we're on version  > 6.2.3, not 6.3.  >  >  >  >  > Jans, Jos wrote:  >> Hi Dana,  >>  >> I created this query in the past (it's not 100% Proof but it works for  >> me):  >>  >> SELECT bb\_bb60.dbo.COURSE\_MAIN.COURSE\_ID,  >> bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.USER\_PK1  >> FROM bb\_bb60.dbo.COURSE\_MAIN CROSS JOIN  >> bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR  >> WHERE (bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.INTERNAL\_HANDLE =  >> 'create\_course') OR  >> (bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.INTERNAL\_HANDLE =  >> 'batch\_create\_courses')  >> GROUP BY bb\_bb60.dbo.COURSE\_MAIN.COURSE\_ID,  >> bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.USER\_PK1, ABS(DATEDIFF(s,  >> bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.[TIMESTAMP],  >> bb\_bb60.dbo.COURSE\_MAIN.DTCREATED))  >> HAVING (ABS(DATEDIFF(s, bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.[TIMESTAMP],  >> bb\_bb60.dbo.COURSE\_MAIN.DTCREATED)) < 5)  >>  >> Hope this will be usefull for you.  >>  >> With Kind Regards,  >> Jos Jans  >> ICT INHOLLAND  >> (Blackboard) Desktop & Application Management  >> ' (023) 543 8152  >>  >>  >> -----Original Message-----  >> From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of  >> Volker Kleinschmidt  >> Sent: Saturday, May 05, 2007 5:21 PM  >> To: BBADMIN-L@ASU.EDU  >> Subject: Re: [BBADMIN-L] determining who created a course  >>  >> Another Unix-only way that hardly involves the database would be to  > find  >> when the courses were created and then look at the httpd access\_log to  >> find  >> the IP-address submitting that request. Now use some other requests  > from  >> the  >> same IP-address, but for Perl-delivered pages. Now look for the exact  >> same  >> request and time in the modperl access\_log - this lists a user\_pk1 at  >> the  >> beginning that tells you beyond doubt who the person was (note the  > time  >> may  >> be a second off sometimes due to the proxying).  >>  >> --Volker  >>  >> On 5/3/07, Dana Holland <dana.holland@navarrocollege.edu> wrote:  >>> Is there a means to determine who created a course through the GUI?  >>> I've discovered almost a thousand courses that were created this way,  >>> but can't determine who did it. I'm not seeing a field name that  >> seems  >>> to correspond with that.  >>>  >>> Directions to BBADMIN-L archives and settings:  >>> <http://is.asu.edu/instruction/faq/usingBBADMIN-L.html>  >>> |

----------------------------------------------------------

# report connection leaks – groupings of connections that ran the same sql

----------------------------------------------------------

|  |  |
| --- | --- |
| **Subject:** | Re: conman != null (was: Discussion Board Email) |
| **From:** | Glen Parker <glparker@USF.EDU> |
| **Reply-To:** | glparker@usf.edu |
| **Date:** | Mon, 19 Sep 2005 10:31:57 -0400 |
| **Content-Type:** | text/plain |

|  |
| --- |
| One trick we used to discover the culprit of the connection leak was to  look for a grouping of connections that had all last run the same sql.  Once we identified a group of connections, looking at the sql provided  the clue needed to backtrack to the module.  Here's the query to look for groupings of connections that ran the same  SQL.  select count(\*), username, machine, prev\_sql\_addr  from v$session  where username is not null  group by (username, machine,prev\_sql\_addr)  having count(\*) > 3  order by count(\*) asc  /  Once you've got a candidate, you can look at the sql itself with this  query, using the address from the previous query result. ? is the  address from the above query, and it needs to be quoted.  select sql\_text from v$sql where address='?';  Thanks, Glen  On Mon, 2005-09-19 at 10:03 -0400, Tim Kingman wrote:  > We have been seeing similar connection leakage lately, and we haven't  > been able to find any other probable causes, so I guess we'll give  > this a shot and see if it helps.  >  > Thanks!  > -tim  > On Sep 19, 2005, at 9:57 AM, Glen Parker wrote:  >  > > I don't have an answer for this, just that we definitely saw conman ==  > > null when it came time to release the connection. This did cause a  > > connection leak problem which necessitated the restarting of the app  > > server. It was quite ugly.  > >  > > James has some more thoughts on exactly why our code was setting  > > conman  > > == null, and he'll probably explain them shortly.  > >  > > Thanks, Glen |

----------------------------------------------------------

# course size

----------------------------------------------------------

Another way is to take a look in the Course\_Registry (Disk\_Usage,

Quota\_Override, Quota\_Upload\_Override) Table and the Course\_Main Table

(Abs\_limit, Soft\_Limit, and upload\_limit)

You could of course create a stored procedure to retrieve this, and get

this information display to the user by use of an ASP page or something

like that: The stored procedure I created has the following input/output values:

Input:

Course\_ID

output

CourseQuotaEnabled (Is CourseQuota systemwide

enabled)

CourseQuotaWarning (Warning level systemwide)

CourseQuotaBlock (Block level systemwide)

CourseUploadEnabled (Is FileSize Upload Quota

systemwide enabled)

CourseUploadQuota (FileUpload level systemwide)

CourseQuotaOverride (Is CourseQuota Override enabled

on course level)

CourseQuotaOverrideWarning (Warning level Course)

CourseQuotaOverrideBlock (Block level Course)

CourseQuotaUploadOverride (Is Filesize Override enabled on

course level)

CourseUploadOverrideQuota (FileUpload level Course)

DiskUsage (Actual DiskUsage

Course)

-------------

CREATE PROCEDURE dbo.CourseQuota

@COURSE\_ID varchar(50)

AS

BEGIN

Declare @CRSMAIN\_PK1 int

Set @CRSMAIN\_PK1 = (SELECT PK1 FROM bb\_bb60.dbo.COURSE\_MAIN WHERE

COURSE\_ID= @COURSE\_ID)

Select (SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_ind') CourseQuotaEnabled,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_soft\_limit') CourseQuotaWarning,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_abs\_limit') CourseQuotaBlock,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_upload\_limit\_ind') CourseUploadEnabled,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_upload\_limit') CourseUploadQuota,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.COURSE\_REGISTRY WHERE

(CRSMAIN\_PK1=@CRSMAIN\_PK1) And (REGISTRY\_KEY = 'quota\_override'))

CourseQuotaOverride,

Soft\_Limit CourseQuotaOverrideWarning ,

Abs\_limit CourseQuotaOverrideBlock,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.COURSE\_REGISTRY WHERE

(CRSMAIN\_PK1=@CRSMAIN\_PK1) And (REGISTRY\_KEY = 'quota\_upload\_override'))

CourseQuotaUploadOverride,

Upload\_Limit CourseUploadOverrideQuota,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.COURSE\_REGISTRY WHERE

(CRSMAIN\_PK1=@CRSMAIN\_PK1) And (REGISTRY\_KEY = 'disk\_usage') ) DiskUsage

From bb\_bb60.dbo.COURSE\_MAIN

Where PK1=@CRSMAIN\_PK1

End

GO----------

I would say give it a try, it seems to work for me, I just have to

create a Buildingblock or ASP around it (last one is the easiest for me,

but hey if somebody is handy in JAVA programming, why don't you give it

a try??)

By The Way if you want to know it for a Coummunity/Organization you have

to change the SearchStrings like 'Fquota\_ind' into 'Cquota\_ind' (F-->C)

With Kind Regards,

Jos Jans

ICT INHOLLAND

(Blackboard) Desktop & Application Management

' (023) 543 8152

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@ASU.EDU] On Behalf Of Marc Lentini

Sent: Friday, April 13, 2007 7:01 PM

To: BLKBRD-L@ASU.EDU

Subject: Re: Course Size - How Can You Tell?

Mike,

We just ran into some course size issues with our 6.3 server. There are

A slew of good SQL queries and scripts over in the BBADMIN archives. They

May have to be modified for 7.x, but the starting point is there. Do a

search on "course size", restrict for hits since January 2005. The message thread

is one of the top few results.

I've compiled them into a text file we'll be keeping handy.

Marc

-----------

Marc Lentini

Senior Instructional Designer

Highline Community College

www.highline.edu

>

>Mike Davis wrote:

>> 1. find out what the quota is actually set to.

>>

>> 2. Have your sysad or someone else with admin access check the course

>> folders for the actual size. The issue is complicated by the Content

>> Management System if you run it.

>>

>> The issue could just be a bug, I suppose. But I imagine that in the

>> conversion quotas were moved (or setup beforehand anyway). The gui

tool

>> for checking size may be broken, but it's likely that the actual

>> underlying system tool is not.

>>

>>

>>

>> Mike Davis

>>

>>

>> Mike Downey wrote:

>>

>>> We've just installed Blackboard Academic Suite, Release 7.1.391.5

>>> on a staging environment and have yet to figure out how to tell how

>>> much space a course is occupying.

>>>

>>> We're getting over-quota messages from some courses but when we list

>>> the course, the size is not listed as it is in 6.3, our production

>>> version.

>>>

>>> Any ideas?

>>>

>>> Mike Downey

>>> Algonquin College

>>>

>>> Directions to BLKBRD-L archives and settings:

>>> http://is.asu.edu/instruction/faq/usingBLKBRD-L.html

----------------------------------------------------------

# course statistics – course size by using ‘disk\_usage’ and size of tests, dropbox etc

----------------------------------------------------------

>>> Ricardo Fitipaldi <rfitipal@MAIL.SDSU.EDU> 03/29/2007 11:54:50 AM

>>>

Hi All,

Volker made me aware that if we have the disk\_usage filesystem

course size calculation task (batch\_du.pl) running, then the course

size which includes (dropbox, assignments, messages or forum posts with

attachments...) is stored in the course\_registry table with

registry\_key='disk\_usage'. So with one query we can get the "real" course size. Thanks for the info Volker.

rf

My sample query

SELECT cm.course\_id, cr.registry\_value/1024/1024 as SIZE\_MB

FROM course\_registry cr, course\_main cm

WHERE registry\_key='disk\_usage'

and cr.crsmain\_pk1=cm.pk1

order by SIZE\_MB

Glen Parker wrote:

> For the sql lovers amongst us, here are two queries, one to get the

> database consumption of discussion board messages of a single

course,

> and one for assessment/survey consumption of a single course.

>

> -- Get size of all discussion board postings amongst all

forums(groups

> included)

> select sum(dbms\_lob.getlength(mm.msg\_text))/1024/1024 "Disc Mb"

> from msg\_main mm

> , forum\_main fm

> , conference\_main com

> , conference\_owner co

> ,course\_main crm

> where co.owner\_pk1=crm.pk1

> and crm.course\_id=<course\_id\_here>

> and co.pk1=com.conference\_owner\_pk1

> and fm.confmain\_pk1=com.pk1

> and mm.forummain\_pk1=fm.pk1;

>

>

> -- Get database size of test, pool, surveys, and answers

>

> select sum(bytes)/1024/1024 "Quiz Mb" from (

> select dbms\_lob.getlength(data) bytes

> from qti\_asi\_data

> where crsmain\_pk1=

> (select pk1 from course\_main where course\_id=<course\_id\_here>)

> union all

> select dbms\_lob.getlength(data) bytes from qti\_result\_data

> where qti\_asi\_data\_pk1 in

> (select pk1 from qti\_asi\_data

> where crsmain\_pk1=

> (select pk1 from course\_main where

course\_id=<course\_id\_here\_too>)));

> On 3/27/07, Glen Parker <glparker@usf.edu> wrote:

>> These queries also don't include files in the Digital Dropbox,

>> Attachments to Messages(not in db at all ! !) or the Content System

if

>> you have that installed.\]

>>

>> For Dropbox file, try this

>> SELECT sum(f.file\_size)/1024/1024

>> FROM files f, course\_user\_uploads cuu,

>> course\_users cu, course\_main cm

>> WHERE f.pk1=cuu.files\_pk1

>> AND cu.pk1=cuu.course\_users\_pk1

>> AND cu.crsmain\_pk1=cm.pk1

>> AND cuu.status\_ind in ('a','r')

>> AND cm.course\_id = <course\_id\_here>;

>> For Messages, you have to go to the filesystem.

>>

>> For Content System, consult a crystal ball.

>>

>> Glen

>>

>> On 3/27/07, Lauro, John <jlauro@umflint.edu> wrote:

>> > Nice fast checking under Oracle. Significantly quicker compared to

>> > reporting against the file system... :)

>> > Still doesn't count database size (ie: forums and answers to

>> > assessments). (Slightly underestimates actual disk use too, but

that is probably because directories are not counted and file sizes

Not rounded up to whole blocks). Minor rewrite to get a list of all courses instead of just one:

>> > SELECT sum(f.file\_size)/1024/1024 as SIZE\_MB, cm.course\_id

>> > FROM files f, course\_contents\_files ccf, course\_contents cc,

>> > course\_main cm

>> > WHERE f.pk1=ccf.files\_pk1 AND

>> > cc.pk1=ccf.course\_contents\_pk1 AND

>> > cc.crsmain\_pk1=cm.pk1

>> > group by cm.course\_id

>> > order by SIZE\_MB;

>> >

>> > -----Original Message-----

>> > From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf

Of

>> > Ricardo Fitipaldi

>> > Sent: Tuesday, March 27, 2007 12:47 PM

>> > To: BBADMIN-L@asu.edu

>> > Subject: Re: [BBADMIN-L] Disk Space By Course

>> >

>> > I think a got this from Glen's reporting script. It is for

Oracle.

>> > This will give you the DB size in of the course in megabytes.

>> >

>> > SELECT sum(f.file\_size)/1024/1024

>> > FROM files f, course\_contents\_files ccf, course\_contents cc,

>> > course\_main cm

>> > WHERE f.pk1=ccf.files\_pk1

>> > AND cc.pk1=ccf.course\_contents\_pk1

>> > AND cc.crsmain\_pk1=cm.pk1

>> > AND cm.course\_id = <course\_id\_here>

>> >

>> > rf

>> >

>> > Steven Read wrote:

>> > > Does anybody have any reports that give disk space by course?

SQL

>> > would

>> > > be preferred but at this point I am not too finicky.

>> > >

>> >

>> > Directions to BBADMIN-L archives and settings:

>> > http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

----------------------------------------------------------

# course statistics – file views

----------------------------------------------------------

Naveed,

You can get this sort of data from ASR. We are hosted by ASP, so don't utilize direct database queries. I use a query like this:

select c.course\_id, u.user\_id, a.TIMESTAMP

from ACTIVITY\_ACCUMULATOR a, USERS u, COURSE\_MAIN c

where COURSE\_PK1=6341 and CONTENT\_PK1=1065312 and a.USER\_PK1=u.PK1 and a.COURSE\_PK1=c.PK1 and

Timestamp > sysdate -31

Blackboard Academic Suite, Release 7.2.383.0

Products: Blackboard Learning System, Blackboard Community System, Blackboard Content System

Thanks - Ira

-0-0-0-0-0-

Ira Strauss, Senior Systems Analyst

Middleware Services - Information Technology

Embry-Riddle Aeronautical University

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of NS Hashmi, Information Systems and Computing

Sent: Friday, March 14, 2008 12:32 PM

To: BBADMIN-L@ASU.EDU

Subject: Course Content: File views

Hi,

Is it possible to get statistics about Course Content File views/downloads from the database? If so, what would the SQL look like? We are trying to get a picture about content usage: are course documents actually being viewed by students etc.

Thanks,

Naveed

--------------------------------------------------------

Naveed Hashmi

Information Systems and Computing

University of Bristol

Directions to BBADMIN-L archives and settings:

http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

----------------------------------------------------------

# copy a course to an org – change service\_level in db

----------------------------------------------------------

If you have database access:

update course\_main set service\_level='C' where course\_id='IDOFYOURCOURSE';

Commit;

Rather counter-intuitively, C = organization and F = course (if you want to

change it the other way).

David

----------------------------------------------------------

# incomplete tests

----------------------------------------------------------

Here is an oracle query you can use to try to proactively find out who

has incomplete tests today:

ALTER SESSION SET NLS\_DATE\_FORMAT = 'YYYY-MM-DD HH24:MI:SS';

select u.user\_id,a.date\_modified from bb\_bb60.attempt a, bb\_bb60.gradebook\_grade gbg, bb\_bb60.course\_users cu, bb\_bb60.users u

where a.status=3 and a.date\_modified > (sysdate-1) and a.date\_modified < (sysdate-0.05) and

a.gradebook\_grade\_pk1=gbg.pk1 and cu.pk1=gbg.course\_users\_pk1 and u.pk1=cu.users\_pk1 ;

It works for me, but I reverse-engineered it myself, so use at your own

risk.

But I've been looking through our logs trying to learn something, and

haven't really learned anything... Most of the people who have

incomplete assessments never complain to us. Maybe they have the prof

reset it. Sometimes they complain to the prof, who complains to

someone, who aggregates complaints and tells us there's a problem. Very

hard to debug "there's a problem". I've never been able to simulate an

assessment timeout myself. We used to have our shibboleth timeouts

wrong, and this definitely caused timeouts, but that's fixed. Still,

shibboleth is somewhat of a scapegoat for this problem. Here are some

possible theories on why someone might get an "In Progress" assessment:

1. The load balancer moves them over to a different node midway through

their assessment and the new tomcat instance doesn't recognize their

session. I know this can be true when shibboleth is running; not sure

about other authentication systems. This isn't the case with us, since

our load balancer cookies never expire.

2. They simply don't finish the test before the system login timeout

(ours is 3 hours of inactivity).

3. They navigate away from the test, then try to open it again (when

"force completion" is on).

4. They give up and close the browser mid-way through the test.

5. Some client-side incident like a power-failure, network outage,

computer/browser crash

6. The start the test, the network goes out, they hit submit, they get

an HTTP timeout, they hit Back, and they get dumped out.

7. Some unknown Blackboard bug?

One of the fundamental problems is that when you open the test, the

server immediately marks that URL as viewed, and subsequent requests get

you "Assessment already completed. Click OK to review results of last

attempt." You click OK, and you get "Assessment has not been completed,

so it cannot be reviewed."

In my testing, the vast majority of these timeout issues go away if

"force completion" is turned off. Anyone have any other theories as to

what's going on?

-Eric Hattemer

----------------------------------------------------------

# spad courses

----------------------------------------------------------

SELECT SCT.EMPLID  
FROM  
  (SELECT acad\_plan  
   FROM sysadm.ps\_acad\_plan\_tbl  
   WHERE acad\_plan LIKE '%SPAD%'  
   AND eff\_status = 'A'  
   AND acad\_prog <> ' ')  
apt,  
  sysadm.ps\_acad\_plan ap,  
  sysadm.ps\_stdnt\_cr\_term sct  
WHERE ap.acad\_plan = apt.acad\_plan  
 AND ap.emplid = sct.emplid  
 AND SCT.STRM = '4082';

----------------------------------------------------------

# usage by instructor

----------------------------------------------------------

 SQL code for usage by instructor

Mark

>>> "Ira J. Strauss" <straussi@ERAU.EDU> 2/29/2008 11:09 AM >>>

Cross-Listed (Please Forgive)

Jesse,

I pull a similar report for organizations and courses. Here's my SQL (I

recommend Aqua Data Studio for querying ASR rather than Crystal). This

query gives the usage of the course or organization by the instructor

for the last 30-days.

Select a.EVENT\_TYPE, a.INTERNAL\_HANDLE, a.TIMESTAMP, d.USER\_ID,

b.COURSE\_ID, b.COURSE\_NAME, b.AVAILABLE\_IND From ACTIVITY\_ACCUMULATOR a,

COURSE\_MAIN b, COURSE\_USERS c, USERS d Where

a.COURSE\_PK1 = b.PK1 and

b.COURSE\_ID like 'P%' and

a.USER\_PK1 = d.PK1 and

d.PK1 = c.USERS\_PK1 and

c.ROLE = 'P' and

Timestamp > sysdate -30

Thanks - Ira

-0-0-0-0-0-

Ira Strauss, Senior Systems Analyst

Middleware Services - Information Technology

Embry-Riddle Aeronautical University

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@ASU.EDU] On Behalf Of Davis, Jesse

Sent: Thursday, February 14, 2008 10:14 AM

To: BLKBRD-L@ASU.EDU

Subject: ASR question

Hello everyone,

I just wrote this on the other listserv but I am looking for any input.

I have a question about ASR if anyone has it. I am looking for a field

or multi fields in the bb stats database to report on which navigation

items are being used in the courses on our system.

Basically every year we have a quality matters assessment that requires

someone at our school to go in and check to see if people are using the

gradebook, discussion board, assignment feature, and a few other content

areas mandated by the school.

If anyone out there knows which field and table ( probably the nav item

table I assume ) I can get a report from, it would be a great help to

me. I have been messing around with crystal reports for 2 days now and I

am still having trouble finding it.

Thanks guys,

Jesse Davis

jdavis@carrollcc.edu

Carroll Community college

410 386 8059

----------------------------------------------------------

# Info on how to use the data source table to connect to courses that are not current

----------------------------------------------------------

Use this table when looking for data about courses that are not currently in the Bb, i.e. when doing yearly statistics reports and Fall and Summer have been archived and removed.

Brad,

Below is a sample of how you can use the data source table.  Is it likely that Delphi would have enrolled over 2000 students in the 4082 semester?

Dave

SELECT U.FIRSTNAME,U.LASTNAME,U.STUDENT\_ID,U.USER\_ID,CM.COURSE\_ID,DS.BATCH\_UID  
from BB\_BB60.COURSE\_USERS CU  
, BB\_BB60.DATA\_SOURCE DS  
, BB\_BB60.USERS U  
, BB\_BB60.COURSE\_MAIN CM  
WHERE CU.DATA\_SRC\_PK1 = DS.PK1  
AND CU.USERS\_PK1 = U.PK1  
AND CU.CRSMAIN\_PK1 = CM.PK1  
AND DS.BATCH\_UID = 'SYSTEM'  
AND CM.COURSE\_ID LIKE '@82'  
ORDER BY U.STUDENT\_ID, CM.COURSE\_ID;

 ----------------------------------------------------------

**statistics**

----------------------------------------------------------

Here are some stats scripts that I use, I forget where I got this from

but the sql file has three different versions, the one at the top is the

original and the two below I adjusted to make work and add some more

stuff.

I used it on v6 but I think it still works on 7, it doesn't change

anything so "should" be safe to play with.

Andrew

-----Original Message-----

From: Blackboard Open Source Plugins discussion

[mailto:BB-OPEN\_SRC@LISTS.VCU.EDU] On Behalf Of Hoorn Michiel (van)

(ICTS)

Sent: 18 February 2008 16:26

To: BB-OPEN\_SRC@LISTS.VCU.EDU

Subject: Blackboard Statistics

Hi,

We're looking for a building block which shows some basic Blackboard

statistics. I've already searched The Behind without any luck. De

statistics we're looking for per course are:

1. community/course available

2. nr of announcements

3. Course Information available

4. nr of folders/items in Course Information

5. nr of files in Course Information

6. Course Material available

7. nr of folders/items in Course Material

8. nr of files in Course Material

9. nr of other menu-items

10. nr of folders/items in other menu-items

11. nr of files in other items

12. nr of Discussion Forums (Discussion Board)

13. nr of messages in Discussion board

14. nr of groups

Anybody aware of some b2 or sql which does all this in one go?

If it doesn't exist yet i will make a b2 for it.

Regards,

Michiel van Hoorn

Developer - Universiteit Maastricht

--Course\_stats\_2.sql--

Original...

select cm.pk1, cm.course\_id, cm.course\_name, 'S04' semester ,

available\_ind,allow\_guest\_ind,cartridge\_pk1,

(select count(\*) from bb\_bb60.announcements za where za.crsmain\_pk1=cm.pk1) announcement\_cnt,

(select count(\*) FROM bb\_bb60.COURSE\_CONTENTS zcc WHERE zcc.crsmain\_pk1 = cm.pk1

and zcc.parent\_pk1 is not null and zcc.cnthndlr\_handle !='resource/x-bb-folder') content\_cnt,

(select count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-aoi-dhtmledit') aoi\_wysiwyg\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-asmt-test-link') test\_link\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-asmt-survey-link') survey\_link\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-assignment') assignment\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-courselink') courselink\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-document') document\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-externallink') external\_link\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-file') file\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-folder') folder\_cnt,

(SELECT count(\*) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-lesson') lesson\_cnt,

(SELECT count(\*)from bb\_bb60.QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1 AND bbmd\_assessmenttype = 1

and parent\_pk1 is null) assessment\_cnt,

(SELECT count(\*) FROM bb\_bb60.FORUM\_MAIN WHERE confmain\_pk1 = (select pk1 from bb\_bb60.CONFERENCE\_MAIN

where crsmain\_pk1 = cm.pk1 and groups\_pk1 is null)) forum\_cnt,

(SELECT count(\*) FROM bb\_bb60.GRADEBOOK\_MAIN WHERE crsmain\_pk1 = cm.pk1) gradebook\_item\_cnt,

(SELECT count(\*) FROM bb\_bb60.course\_user\_uploads zcuu, bb\_bb60.course\_users zcu, bb\_bb60.course\_main zcm

WHERE zcm.pk1 = cm.pk1 AND zcuu.course\_users\_pk1=zcu.pk1

AND zcu.crsmain\_pk1=zcm.pk1) dropbox\_cnt,

(SELECT count(\*)from bb\_bb60.QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 4 and parent\_pk1 is null) pool\_cnt,

(SELECT count(\*) FROM bb\_bb60.groups WHERE crsmain\_pk1 = cm.pk1) group\_cnt,

(SELECT count(\*)from bb\_bb60.QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 3 and parent\_pk1 is null) survey\_cnt,

(SELECT count(pk1) FROM bb\_bb60.COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and content\_type='URL') url\_cnt,

(SELECT count(\*) FROM bb\_bb60.tasks WHERE crsmain\_pk1 = cm.pk1) task\_cnt,

(SELECT count(\*) FROM bb\_bb60.calendar WHERE crsmain\_pk1 = cm.pk1) calendar\_cnt,

(select count(\*) from bb\_bb60.staffinformation where crsmain\_pk1=cm.pk1

and parent\_pk1 is not null) staff\_cnt,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role = 'S'

and (intro is not null OR link\_name\_1 is not null OR link\_name\_2 is not null

OR link\_name\_3 is not null OR photo\_link is not null) ) homepage\_cnt,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role='P' and row\_status=0) role\_p,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role='S' and row\_status=0) role\_s,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role='B' and row\_status=0) role\_b,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role='T' and row\_status=0) role\_t,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role='G' and row\_status=0) role\_g,

(select count(\*) from bb\_bb60.course\_users where crsmain\_pk1=cm.pk1 and role='U' and row\_status=0) role\_u,

(select count(\*) from bb\_bb60.msg\_main zmm, bb\_bb60.forum\_main zfm, bb\_bb60.conference\_main zcm

where zcm.crsmain\_pk1=cm.pk1

and zcm.pk1=zfm.confmain\_pk1 and zfm.pk1=zmm.forummain\_pk1) msg\_cnt,

(select count(\*) from bb\_bb60.course\_contents zcc, bb\_bb60.course\_contents\_files zccf

where zcc.crsmain\_pk1=cm.pk1 and zcc.pk1=zccf.course\_contents\_pk1) course\_contents\_files\_cnt

from bb\_bb60.course\_main cm

WHERE cm.course\_id like '%'

;

Adjusted...

select cm.pk1, cm.course\_id, cm.course\_name, 'S04' semester ,

available\_ind,allow\_guest\_ind,cartridge\_pk1,

(select count(\*) from announcements za where za.crsmain\_pk1=cm.pk1) announcement\_cnt,

(select count(\*) FROM COURSE\_CONTENTS zcc WHERE zcc.crsmain\_pk1 = cm.pk1

and zcc.parent\_pk1 is not null and zcc.cnthndlr\_handle !='resource/x-bb-folder') content\_cnt,

(select count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-aoi-dhtmledit') aoi\_wysiwyg\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-asmt-test-link') test\_link\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-asmt-survey-link') survey\_link\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-assignment') assignment\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-courselink') courselink\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-document') document\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-externallink') external\_link\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-file') file\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-folder') folder\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-lesson') lesson\_cnt,

(SELECT count(\*)from QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1 AND bbmd\_assessmenttype = 1

and parent\_pk1 is null) assessment\_cnt,

(SELECT count(\*) FROM FORUM\_MAIN WHERE confmain\_pk1 = (select pk1 from CONFERENCE\_MAIN

where crsmain\_pk1 = cm.pk1 and groups\_pk1 is null)) forum\_cnt,

(SELECT count(\*) FROM GRADEBOOK\_MAIN WHERE crsmain\_pk1 = cm.pk1) gradebook\_item\_cnt,

(SELECT count(\*) FROM course\_user\_uploads zcuu, course\_users zcu, course\_main zcm

WHERE zcm.pk1 = cm.pk1 AND zcuu.course\_users\_pk1=zcu.pk1

AND zcu.crsmain\_pk1=zcm.pk1) dropbox\_cnt,

(SELECT count(\*)from QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 4 and parent\_pk1 is null) pool\_cnt,

(SELECT count(\*) FROM groups WHERE crsmain\_pk1 = cm.pk1) group\_cnt,

(SELECT count(\*)from QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 3 and parent\_pk1 is null) survey\_cnt,

(SELECT count(pk1) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and content\_type='URL') url\_cnt,

(SELECT count(\*) FROM tasks WHERE crsmain\_pk1 = cm.pk1) task\_cnt,

(SELECT count(\*) FROM calendar WHERE crsmain\_pk1 = cm.pk1) calendar\_cnt,

(select count(\*) from staffinformation where crsmain\_pk1=cm.pk1

and parent\_pk1 is not null) staff\_cnt,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role = 'S'

and (intro is not null OR link\_name\_1 is not null OR link\_name\_2 is not null

OR link\_name\_3 is not null OR photo\_link is not null) ) homepage\_cnt,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='P' and row\_status=0) role\_p,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='S' and row\_status=0) role\_s,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='B' and row\_status=0) role\_b,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='T' and row\_status=0) role\_t,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='G' and row\_status=0) role\_g,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='U' and row\_status=0) role\_u,

(select count(\*) from msg\_main zmm, forum\_main zfm, conference\_main zcm

where zcm.crsmain\_pk1=cm.pk1

and zcm.pk1=zfm.confmain\_pk1 and zfm.pk1=zmm.forummain\_pk1) msg\_cnt,

(select count(\*) from course\_contents zcc, course\_contents\_files zccf

where zcc.crsmain\_pk1=cm.pk1 and zcc.pk1=zccf.course\_contents\_pk1) course\_contents\_files\_cnt

from course\_main cm

WHERE cm.course\_id like '%'

order by course\_id

;

Further adjusted for 6.2.3.23 plus disk usage stats

select cm.pk1, cm.course\_id, cm.course\_name, 'S04' semester ,

available\_ind,allow\_guest\_ind,cartridge\_pk1,

(select count(\*) from announcements za where za.crsmain\_pk1=cm.pk1) announcement\_cnt,

(select count(\*) FROM COURSE\_CONTENTS zcc WHERE zcc.crsmain\_pk1 = cm.pk1

and zcc.parent\_pk1 is not null and zcc.cnthndlr\_handle !='resource/x-bb-folder') content\_cnt,

(select count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-aoi-dhtmledit') aoi\_wysiwyg\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-asmt-test-link') test\_link\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-asmt-survey-link') survey\_link\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-assignment') assignment\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-courselink') courselink\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-document') document\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-externallink') external\_link\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-file') file\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-folder') folder\_cnt,

(SELECT count(\*) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and cnthndlr\_handle = 'resource/x-bb-lesson') lesson\_cnt,

(SELECT count(\*)from QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1 AND bbmd\_assessmenttype = 1

and parent\_pk1 is null) assessment\_cnt,

(SELECT count(\*) FROM GRADEBOOK\_MAIN WHERE crsmain\_pk1 = cm.pk1) gradebook\_item\_cnt,

(SELECT count(\*) FROM course\_user\_uploads zcuu, course\_users zcu, course\_main zcm

WHERE zcm.pk1 = cm.pk1 AND zcuu.course\_users\_pk1=zcu.pk1

AND zcu.crsmain\_pk1=zcm.pk1) dropbox\_cnt,

(SELECT count(\*)from QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 4 and parent\_pk1 is null) pool\_cnt,

(SELECT count(\*) FROM groups WHERE crsmain\_pk1 = cm.pk1) group\_cnt,

(SELECT count(\*)from QTI\_ASI\_DATA WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 3 and parent\_pk1 is null) survey\_cnt,

(SELECT count(pk1) FROM COURSE\_CONTENTS WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null

and content\_type='URL') url\_cnt,

(SELECT count(\*) FROM tasks WHERE crsmain\_pk1 = cm.pk1) task\_cnt,

(SELECT count(\*) FROM calendar WHERE crsmain\_pk1 = cm.pk1) calendar\_cnt,

(select count(\*) from staffinformation where crsmain\_pk1=cm.pk1

and parent\_pk1 is not null) staff\_cnt,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role = 'S'

and (intro is not null OR link\_name\_1 is not null OR link\_name\_2 is not null

OR link\_name\_3 is not null OR photo\_link is not null) ) homepage\_cnt,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='P' and row\_status=0) role\_p,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='S' and row\_status=0) role\_s,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='B' and row\_status=0) role\_b,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='T' and row\_status=0) role\_t,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='G' and row\_status=0) role\_g,

(select count(\*) from course\_users where crsmain\_pk1=cm.pk1 and role='U' and row\_status=0) role\_u,

(select count(\*) from msg\_main zmm, forum\_main zfm, conference\_main zcm

where zcm.crsmain\_pk1=cm.pk1

and zcm.pk1=zfm.confmain\_pk1 and zfm.pk1=zmm.forummain\_pk1) msg\_cnt,

(select count(\*) from course\_contents zcc, course\_contents\_files zccf

where zcc.crsmain\_pk1=cm.pk1 and zcc.pk1=zccf.course\_contents\_pk1) course\_contents\_files\_cnt,

(SELECT cr.REGISTRY\_VALUE AS disk\_usage FROM COURSE\_MAIN crsmain INNER JOIN COURSE\_REGISTRY cr ON crsmain.PK1 = cr.CRSMAIN\_PK1 AND cr.REGISTRY\_KEY = 'disk\_usage' WHERE crsmain\_pk1=cm.pk1) disk\_usage

from course\_main cm

WHERE cm.course\_id like '%'

order by course\_id

--Course Stats Explanations.txt--

This file describes the data collected in the various files beginning with Course\_Stats:

cs.course\_id: The Course ID of the course as stored in Blackboard. Comprised of the following parts

3 letter Department Code, 4 digit subject code, a dot(.), 3 digit section,

single character semester indicator(S=spring, A,B,C,X=Summer, F-fall,

M=medicine), and a 2 digit year.

ex: CHM2045.001F04

cs.course\_name: The title of the course as stored in Banner

cs.semester:The three character term code snipped from the end of the course ID. All summer terms are

designated by a C followed by the year, ex: C02 encompases all

A,B,C,X summer courses from 2002.

cs.snap\_date: The date that this data was recorded from teh production database

cs.bb\_crsmain\_pk1 : Blackboard primary key of the course, unique for the course-section-semester-year,

but not unique across multiple snapshots. Use the cs.pk1 for

guaranteed uniqueness

cs.pk1 : Internal Primary key for this data row, unique across the system

cc.college : College owner of the course according to NAMS

cc.department :Department owner of the course according to NAMS

cs.content\_cnt : The sum of the following content areas: AOI WYSIWYG, test link, survey link

assignments, courselinks, documents, external links, files, lessons

cs.announcement\_cnt : Number of announcements

cs.aoi\_wysiwyg\_cnt : Number of AOI WYSIWYG documents

cs.test\_link\_cnt: Number of links to assessments. This is essentially a deployed assessment

cs.survey\_link\_cnt : Number of links to surveys. This is essentially a deployed survey

cs.assignment\_cnt : Number of links to assignments.

cs.courselink\_cnt : Number of internal course links to content items

cs.document\_cnt : Number of items added using the Add Item option of adding content.

cs.external\_link\_cnt : Number of External Links (URL's) added to a course.

cs.folder\_cnt : Number of folders created in a course

cs.file\_cnt : Deprecated, number of files uploaded to a course. Not in use any longer, and current

course with a number > 0 are probably copies from older semester courses.

cs.course\_content\_files\_cnt: Number of data files attached to documents or other course structures.

cs.lesson\_cnt : Number of Lessons created in course. Lesson is a content type available

from the pulldown menu when adding content to a course.

cs.assessment\_cnt : Number of Assessments/Tests in the Assessment Manager. Not necessarily in use.

cs.forum\_cnt : Number of discussion board forums created

cs.msg\_cnt : Total number of messages across all discussion board forums

cs.gradebook\_item\_cnt : Number of columns in the gradebook.

Includes the Total and "Weighted Total" column, so only include

courses with gradebook\_item\_cnt > 2 when considering the gradebook

usage of a course.

cs.email\_cnt : Number of times the Send Email page in the Control Panel has been accessed

cs.dropbox\_cnt : Number of files in the Digital Dropbox.

cs.pool\_cnt : Number os question pools in the Pool Manager, not necessarily in use.

cs.group\_cnt : Number of groups created

cs.survey\_cnt : Number of surveys in the survey manager, not necessarilly in use.

cs.url\_cnt : The same as the number of external links external\_link\_cnt.

cs.task\_cnt : Number of Tasks that have been created

cs.calendar\_cnt : Number of Calendar entries for this course

cs.staff\_cnt : Number of Staff Information pages that have been created

cs.homepage\_cnt : Number of students homepages that have been created

cs.role\_p : number users with instructor role

cs.role\_s : students

cs.role\_b : course builders

cs.role\_t : TA's

cs.role\_g : graders

cs.role\_u : guests

cs.available\_ind : Is the course available to students at the time of snapshot?

cs.allow\_guest\_ind : Is the course available to guests?

cs.cartridge\_ind : Was a course cartridge used in this course?

Directions to BBADMIN-L archives and settings:

http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

----------------------------------------------------------

# return instructors for a specific subset of courses

----------------------------------------------------------

Something like

SELECT cm.course\_id, cm.course\_name, u.firstname,u.lastname

FROM course\_main cm, users u, course\_users cu

WHERE u.pk1=cu.users\_pk1

AND cu.role = 'P'

AND cm.pk1=cu.crsmain\_pk1

ORDER BY cm.course\_id

if you want to a specific semester, just limit it by something that

identify that semester

for us, e.g. AND cm.course\_id LIKE '%spring2008'.

RF

Scott Gast wrote:

> I want to run a SQL query on a specific subset of courses and return their

> associated instructor(s) in the results.

>

> For instance, my initial select statement to specify the courses I want to

> return looks like:

>

> select \*

> from COURSE\_MAIN

> where course\_id in ('courseID\_A','courseID\_B','courseID\_C')

>

> How do I join these results with other tables to add corresponding

> instructors' names? I see that instructors are linked via crsmain\_pk1 to

> COURSE\_MAIN in the COURSE\_USERS table and then their specific user info (eg,

> firstname, lastname) is linked via users\_pk1 from the USERS table. But I'm

> not sure how to put it all together in one big grand query.

>

> Basically I'd like the results to return course\_id, course\_name, and the

> associated instructor's name, something like this:

>

> COURSE\_MAIN.course\_id, COURSE\_MAIN.course\_name, USERS.firstname, USERS.lastname

> SPR08\_A, Accounting 101, John, Doe

> SPR08\_B, Business 101, Jane, Doe

> SPR08\_C, Computers 101, Fred, Doe

>

> I'm a SQL query novice, so thanks in advance for any help!

>

> Scott Gast, Online Tech (Blackboard) Coordinator

> University of Tennessee at Chattanooga

>

> Directions to BBADMIN-L archives and settings:

> http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

>

Directions to BBADMIN-L archives and settings:

http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

----------------------------------------------------------

# david’s first attempt at gradebook download

----------------------------------------------------------

select CM.COURSE\_NAME,CM.COURSE\_ID, U.USER\_ID, GM.TITLE, GM.DUE\_DATE, GG.AVERAGE\_SCORE, GG.MANUAL\_GRADE, GG.MANUAL\_SCORE  
, A.ATTEMPT\_DATE, A.DATE\_MODIFIED, to\_TIMESTAMP (A.DATE\_MODIFIED,'yyyy/mm/dd:hh:mi:ssam'), A.SCORE, A.GRADE  
from BB\_BB60.COURSE\_MAIN CM  
, BB\_BB60.COURSE\_USERS CU  
, BB\_BB60.USERS U  
, BB\_BB60.GRADEBOOK\_MAIN GM  
, BB\_BB60.GRADEBOOK\_GRADE GG  
, BB\_BB60.ATTEMPT A  
/\*, BB\_BB60.QTI\_RESULT\_DATA QRD\*/  
where CM.COURSE\_ID like 'COURSE\_ID\_HERE'  
and CU.CRSMAIN\_PK1 = CM.PK1  
and CU.USERS\_PK1 = U.PK1  
and GM.CRSMAIN\_PK1 = CM.PK1  
and GG.GRADEBOOK\_MAIN\_PK1 = GM.PK1  
and GG.COURSE\_USERS\_PK1 = CU.PK1  
and A.GRADEBOOK\_GRADE\_PK1 = GG.PK1  
and GG.LAST\_ATTEMPT\_PK1 = A.PK1  
and U.USER\_ID = ‘USER\_ID\_HERE’  
/\*AND QRD.PK1 = A.QTI\_RESULT\_DATA\_PK1\*/  
ORDER BY U.USER\_ID, CM.COURSE\_ID, GM.PK1, GM.TITLE;

----------------------------------------------------------

# return the last login of a single user

----------------------------------------------------------

Here are two Oracle queries that should get you started

-- **Return the last login of a single person in a single course, if**

**it's been more than 5 days since last login**

select max(to\_char(aa.timestamp,'YYYY-MM-DD HH24:MI')) "last login"

from activity\_accumulator aa, course\_users cu, users u, course\_main cm

where aa.course\_pk1=cm.pk1

and aa.user\_pk1=u.pk1

and u.pk1=cu.users\_pk1

and cm.pk1=cu.crsmain\_pk1

and cm.course\_id='ACT\_TESTCOURSE'

and u.user\_id='glparker'

having max(timestamp) < sysdate-5;

-- **Return the last login of a single person in all courses they are an**

**instructor, if it's been more than 5 days since last login**

select max(to\_char(aa.timestamp,'YYYY-MM-DD HH24:MI')) "last login"

, cm.course\_id

from activity\_accumulator aa, course\_users cu, users u, course\_main cm

where aa.course\_pk1=cm.pk1

and aa.user\_pk1=u.pk1

and u.pk1=cu.users\_pk1

and cm.pk1=cu.crsmain\_pk1

and cu.role='P'

and cu.available\_ind='Y'

and cm.available\_ind='Y'

and u.user\_id='glparker'

group by cm.course\_id

having max(timestamp) < sysdate-5

order by "last login";

On Jan 28, 2008 4:33 PM, Michael Robinette <mike.robinette@indwes.edu> wrote:

> The director requesting this is in charge of a degree program so she would like

> to see this for all her courses. Actually, it would be great to get a report of

> all AWOL faculty. Then I could send info to all interested directors.

>

> Also, the GUI is OK for a single course, but not multiple courses. Plus, we'd

> like for this to be 'exception' based.

>

> Mike

>

>

> Directions to BLKBRD-L archives and settings:

> http://is.asu.edu/instruction/faq/usingBLKBRD-L.html

----------------------------------------------------------

# more detailed information on digital dropbox reporting

----------------------------------------------------------

As far as I've always understood it (which is sort of rephrasing Volker's answer below, but bear with me to the question I have for him at the end) the 'deleting' only happens by the original user. The term 'send' from a user perspective is ambiguous, because what 'send' means is 'transfer view/access rights' to instructor. Hence the disappearance of the buttons to remove (and visibility of the uploaded doc). However the document doesn't actually \*go\* anywhere - proved by the fact there is only one upload folder. Conversely, when an instructor 'removes' the document as they see it - deleting it from their view - this 'restores the view/access/delete rights' to the originating student, who then may delete delete it.

In which case, I'm confused by Volker's comment about the xls file being in a student's dropbox rather than the course dropbox. I don't have access to my servers in my current job, but I do know that each upload gets a numerical folder of its own, rather than being a handy identifiable student folder, so did I miss something here? (Not that I mind really, as I'm finally weaning people off it, but I'd like to sleep easy in my bed that I haven't been incorrectly corroborating -or not- students' tales all this time!)

Tony - combinations of those scripts have served me well over the last 8 years with assorted random queries on individual and total use, and can be a lot faster in identifying individuals than opening potentially hundreds of subfolders on the server looking for stuff. I've always found they give a good overview of what's going on, including the dates modified, which you can generally track through (including seeing by changes in hundredths of seconds who added then sent, and who sent straight away - helpful in educating people not to accidentally just add but not send).

What I have never done much if anything of is use the drop box for instructors to send out files to multiple students, so in terms of Volker's last info about deleted files after last recipient has deleted, that one's a bit beyond me. But there have been issues in some previous versions (not sure when was resolved) around orphaned content in courses where students/staff had been copied or recycled and noone was left 'responsible' for the files (touched on by Volker's 'should be removed') which were then invisible/inaccessible from the GUI so if much use has been made of drop box, having a quick check to see if latent project files are taking up disk space might not be such a bad idea!

Poor Brad, I've probably just made it all worse :(

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>>>>>>>>>>>>>>>>>>

A bit of clarification to avoid misunderstandings, of which there are

a great many around the dropbox:

Status "r" for received does not mean that you actually read/opened

the file, it just provides for a link to the file in your dropbox (in

the case of an instructor or other privileged user in the course

dropbox). When a file is sent there are two records, one in status "s"

in the sender's box and one in status "r" in the recipient's box.

Status "a" means "added, but not sent". When the recipient deletes the

file from his dropbox, the Sender's "s" record reverts to "a". This

also happens to any student-submitted files when the last instructor

is deleted from the course.

BTW, you also can find the files themselves on disk in the

course\_id/uploads directory, organized pretty much in the same manner

as in the DB.

And then there are group uploads from the group file exchange, which

are like the course dropbox except that everyone has full manage

rights over everything in the group's dropbox, and filenames are

unique in there, so when one person deletes a file it is really gone,

despite possibly other records for files of the same filename still

existing.

--Volker

>>>>>>>>>>>>>>>>>>>>

Hi Brad, you're very welcome to the painful frustrations I've learnt over the years with the ddb. I'm pasting below my commented queries (unedited for your entertainment) for looking at an individual in a course, a course, how to download a file that they uploaded with an entire sentence as filename and which are rogue naughty instructors using ddb when they've been told not to :)

~~//status\_ind field tells us whether the file has been (a) added, (s) sent and supposedly (r) which means that the instructor has opened it, so the a or s denotes where on the ejit scale the student sits.~~

~~The status on the file in the student's box should also tell you what~~

~~happened: if it says "Received" - the instructor did get it and remove it at that time; if it says "Posted on" - the student posted it but never actually sent it; if it says "Submitted" - then it was sent to the instructor at that time.//~~

select cm.course\_id, u.user\_id, u.lastname, uu.upload\_date, uu.status\_ind, uu.dtmodified, uu.comments, f.link\_name, f.file\_name from

users u, course\_main cm, course\_users cu, course\_user\_uploads uu, files f

where uu.course\_users\_pk1 = cu.pk1

and cu.users\_pk1 = u.pk1

and cu.crsmain\_pk1 = cm.pk1

and cm.course\_id = 'RMH1008-N-YEAR-2005'

and uu.files\_pk1 = f.pk1

and u.user\_id = 'c3914869'

order by uu.upload\_date

select cm.course\_id, u.user\_id, u.lastname, uu.upload\_date, uu.dtmodified, uu.status\_ind, uu.comments, f.pk1, f.link\_name, f.file\_name from

users u, course\_main cm, course\_users cu, course\_user\_uploads uu, files f

where uu.course\_users\_pk1 = cu.pk1

and cu.users\_pk1 = u.pk1

and cu.crsmain\_pk1 = cm.pk1

and cm.course\_id = 'LDH2010-N-T2-2005'

and uu.files\_pk1 = f.pk1

order by uu.upload\_date

//attempts at retrieving files should be in format://

http://blackboard.tees.ac.uk/courses/1/LDH2010-N-T2-2005/uploads/\_157108\_1/Doc1.doc

where you need to ensure the module code is right and the upload folder is copied from the digital drop box along with the filename given in the query. The filename might be rubbish if they named it pitifully in the first place, so use this reference even if it looks random.

https://blackboard.tees.ac.uk/courses/1/MIM3041-YEAR-2005/uploads/\_168815\_1/!7370696e65202332.rtf

//finding instructors to castigate//

select distinct(u.email)

from course\_user\_uploads cuu, course\_users cu, users u

where cuu.course\_users\_pk1=cu.pk1

and cu.users\_pk1 = u.pk1

and cu.role='p'

and cu.crsmain\_pk1 = cm.pk1

Probably not much different from Tony's, but these are extensively tested \*sighs\*. You can omit the course identifiers to get a full set of files. At my institution there was a policy for a while of allowing/encouraging students to keep work in their ddb that they could then work on at home and at college, before we had home drives, so we had genuine 'a' for added in storage as well as 'a' added not 's' submitted.

Kate

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----------------------------------------------------------

# REPORT THE NUMBER OF UNIQUE ACTIVE USERS IN THE SYSTEM BY SEMESTER

----------------------------------------------------------

I use the following SQL Query (we use MSSQL) to get a rough idea of how

many people are "active," at least in theory. There are a couple of

assumptions, of course.

1) The Instructors are in control of the "Availability" of their courses.

The default is "No."

2) The CourseID includes a semester code --- '2007F' in the sample shown

below.

select distinct user\_id from users join course\_users on

(course\_users.users\_pk1 = users.pk1) join course\_main on

(course\_users.crsmain\_pk1 = course\_main.pk1) where (course\_main.course\_id

like '%.2007F') and (course\_main.available\_ind = 'Y')

You could refine this by adding a test on the Course\_users.course\_role to

check for 'I' for instructors or 'S' for students.

If someone sees errors in this query please tell me! I am not an SQL

expert; this is about as sophisticated as I can get.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cheers,

Tom Kane (416-289-5000, ext 2182),

Professor - SETAS/ICET

and

Faculty Consultant on Education Technology

Centre for Learning Technology (http://clt.centennialcollege.ca)

Centennial College of Applied Arts and Technology

Toronto, Ontario, Canada

----------------------------------------------------------

# BB Database – Description: DESCRIBE TABLES, FOREIGN KEY RELATIONSHIPS (ORACLE 9.2)

<http://perswww.kuleuven.be/~u0039317/bb/script.html>

### [BB describe tables](http://perswww.kuleuven.be/%7Eu0039317/bb/db-desc-tables.bsh)

#!/bin/bash

#+

# Description

# ===========

# script to get description of bb database tables

# output written to ./${ORACLE\_SID}-desc-tables.txt

#

# Modification History

# ====================

# Date | Name | Modification Description

# ------------+------------------------+---------------------------------------

# 12-Dec-2001 | Herta Van den Eynde | initial version

# 13-Jan-2003 | Herta Van den Eynde | sed command causes problems (Oracle9?)

# | | move to file

# 16-Sep-2004 | Herta Van den Eynde | added record count

# 27-Oct-2004 | Herta Van den Eynde | removed sed (found out how to deal

# | | with single quotes)

# | | added primary key information

# | | ask for user+password

# | |

#\_

echo "ORACLE\_SID = " $ORACLE\_SID

echo -n "db user: "

read USR

echo -n "password: "

stty -echo

read PWD

stty echo

echo ""

sqlplus -s $USR/$PWD@$ORACLE\_SID << EOF

SET PAGES 0

SET LINES 1000

SET FEEDBACK OFF ECHO OFF TERM OFF

SPOOL s.sql

SELECT

'SELECT ' || '''' || owner || '.' || table\_name || '''' || ' FROM dual

' || '/

' ||

'SELECT COUNT (\*) FROM ' || owner || '.' || table\_name || '

' || '/

' ||

'DESC ' || owner || '.' || table\_name || '

' ||

'SELECT cols.constraint\_name,

cols.column\_name

FROM dba\_constraints cons,

dba\_cons\_columns cols

WHERE cols.owner = ' || '''' || owner || '''' ||

' AND cols.table\_name = ' || '''' || table\_name || '''' ||

' AND cons.constraint\_type = ' || '''' || 'P' || '''' ||

' AND cons.constraint\_name = cols.constraint\_name

AND cons.owner = cols.owner

ORDER BY cols.constraint\_name,

cols.position ' || '

' || '/

'

FROM dba\_tables

WHERE owner LIKE 'BB%'

ORDER BY owner, table\_name

/

SPOOL OFF

SET LINES 80

COL constraint\_name FOR A30

COL column\_name FOR A45

BREAK ON constraint\_name SKIP 1

SPOOL ${ORACLE\_SID}-desc-tables.txt

@s

SPOOL OFF

! rm s.sql

QUIT

EOF

exit

=================================================

### [BB foreign key relationships - child-parent](http://perswww.kuleuven.be/%7Eu0039317/bb/bb-desc-fk-cp.sql)

SET LINES 132

COL Parent FOR A60

COL Child FOR A60

SELECT cc2.owner || '.' || cc2.table\_name || '.' || cc2.column\_name Child,

cc.owner || '.' || cc.table\_name || '.' || cc.column\_name Parent

FROM dba\_cons\_columns cc,

dba\_cons\_columns cc2,

( SELECT owner,

table\_name,

constraint\_name,

r\_owner,

r\_constraint\_name

FROM dba\_constraints

WHERE owner like 'BB%' ) c

WHERE cc.owner = c.r\_owner

AND cc.constraint\_name = c.r\_constraint\_name

AND cc2.owner = c.owner

AND cc2.constraint\_name = c.constraint\_name

ORDER BY 1, 2

/

=============================

### [BB foreign key relationships - parent-child](http://perswww.kuleuven.be/%7Eu0039317/bb/bb-desc-fk-pc.sql)

SET LINES 132

COL Parent FOR A60

COL Child FOR A60

SELECT cc.owner || '.' || cc.table\_name || '.' || cc.column\_name Parent,

cc2.owner || '.' || cc2.table\_name || '.' || cc2.column\_name Child

FROM dba\_cons\_columns cc,

dba\_cons\_columns cc2,

( SELECT owner,

table\_name,

constraint\_name,

r\_owner,

r\_constraint\_name

FROM dba\_constraints

WHERE owner like 'BB%' ) c

WHERE cc.owner = c.r\_owner

AND cc.constraint\_name = c.r\_constraint\_name

AND cc2.owner = c.owner

AND cc2.constraint\_name = c.constraint\_name

ORDER BY 1, 2

/

----------------------------------------------------------

# WHERE ARE SECONDARY ROLES STORED?

----------------------------------------------------------

That's right. Sorry, misread that. DOMAIN\_ADMIN, as someone else said,

does look like the right one.

On 10/24/07 11:15 AM, "Beckett Paul Mr (ITCS)" <P.Beckett@UEA.AC.UK> wrote:

> Tony,

> Yes I'm trying to find them in the DB (not through an API call).

>

> It's secondary system roles, rather than institution roles that I'm

> looking for. I looked at the USER\_ROLES table, but thought this only

> covered the institution roles, not the system roles. Please correct me

> if I'm wrong.

In the database, not the API?

There's a USER\_ROLES table, with the users\_pk1 and institution\_roles\_pk1

fields to tie them to the USERS and INSTITUTION\_ROLES tables.

Tony

On 10/24/07 10:47 AM, "Beckett Paul Mr (ITCS)" <P.Beckett@UEA.AC.UK> wrote:

> A users primary system role is stored in the users table, but does

> anyone know where \*secondary\* system roles are stored?

>

> We're using BB 7.1 Learning+Community.

>

> Thanks,

> Paul

>

----------------------------------------------------------

# SQL SCRIPTS FROM JING ZHANG

----------------------------------------------------------

I can't access the course Registry table. I don't know if there is a field

related to the total size of a particular area. But I do know there is a

field related to the total course size. Here is the SQL can help you to find

out the size of each course.

select cm.course\_id,cr.registry\_value,u.LASTNAME,u.FIRSTNAME,cm.DTCREATED

from course\_registry cr, course\_main cm, course\_users cu, users u

where cr.registry\_key ='disk\_usage'

and cr.crsmain\_pk1=cm.pk1

and cu.crsmain\_pk1=cm.PK1

and cu.USERS\_PK1=u.pk1

and cu.ROLE='P'

order by to\_number(REGISTRY\_VALUE),COURSE\_ID,LASTNAME

select count(1), ROLE from course\_users group by role

Here is the SQL can help you find out the user who enrolls in 0 course.

(from Access)

SELECT BB\_BB60\_STATS\_USERS1.USER\_ID, BB\_BB60\_STATS\_USERS1.FIRSTNAME,

BB\_BB60\_STATS\_USERS1.LASTNAME

FROM BB\_BB60\_STATS\_USERS1 LEFT JOIN BB\_BB60\_STATS\_COURSE\_USERS ON

BB\_BB60\_STATS\_USERS1.PK1 = BB\_BB60\_STATS\_COURSE\_USERS.USERS\_PK1

WHERE (((BB\_BB60\_STATS\_COURSE\_USERS.USERS\_PK1) Is Null));

Here is the SQL can help you find out the course which doesn't have any

user. (from Access)

SELECT BB\_BB60\_STATS\_COURSE\_MAIN.COURSE\_ID

FROM BB\_BB60\_STATS\_COURSE\_MAIN LEFT JOIN BB\_BB60\_STATS\_COURSE\_USERS ON

BB\_BB60\_STATS\_COURSE\_MAIN.PK1 = BB\_BB60\_STATS\_COURSE\_USERS.CRSMAIN\_PK1

WHERE (((BB\_BB60\_STATS\_COURSE\_USERS.CRSMAIN\_PK1) Is Null));

When you check the Blackboard API, you can see the CourseQuota class can

also give you the course size information. Here is the sample code.

final long KBYTE = 1024L;

final long MBYTE = 1024L \* 1024L;

final long GBYTE = 1024L \* 1024L \* 1024L;

long size = 0;

String ext = "";

CourseQuota cq = CourseQuota.createInstance(course);

if ((cq.getCourseSize() / KBYTE) >= 1) {

size = cq.getCourseSize() / KBYTE;

ext = "K";

if ((cq.getCourseSize() / MBYTE) >= 1) {

size = cq.getCourseSize() / MBYTE;

ext = "M";

if ((cq.getCourseSize() / GBYTE) >= 1) {

size = cq.getCourseSize() / GBYTE;

ext = "G";

}

}

} else {

size = cq.getCourseSize();

ext = "byte";

}

Jing Zhang

Instructional Technology Coordinator

Center for Teaching & Learning

Morehead State University

Phone: 606-783-2082

----------------------------------------------------------

Check existing user tables and views if they exist in Oracle by querying the data dictionary by executing the following [SQL](http://www.mydigitallife.info/2007/01/11/ora-00942-table-or-view-does-not-exist-oracle-error/##) statement:

select \*  
from all\_objects  
where object\_type in (’TABLE’,'VIEW’)  
and object\_name = ‘OBJECT\_NAME‘;

Replace OBJECT\_NAME with the name of the table or view that you want to verify its existence.

----------------------------------------------------------

Heather et al,

I use this to find my most (and least) active faculty for the past 30 days.

You should be able to copy and paste into the Query Analyzer.

/\*

\*\* Developed by Bob Resch - Contractor, Advancia, Inc.

\*\* for the UIT Lifelong Learning Center

\*\* Fort Gordon, GA 30905

\*\* 23 March 2007

\*/

--

-- ==================================================

-- Displays a list of users and their activity level

-- for the past 30 days in active courses. The list

-- is ordered by activity level. Change the number

-- of days from today for a different range. Change

-- the role for different user levels. Change the

-- course type for Organizations/Communities.

-- ==================================================

--

USE

bb\_bb60

SELECT

u.lastname AS 'Last Name',

u.firstname AS 'First Name',

COUNT (U.BATCH\_UID) AS 'Hits'

FROM

activity\_accumulator aa,

users u,

course\_users cu,

course\_main cm

WHERE

aa.COURSE\_PK1 = cm.pk1

AND u.PK1 = cu.USERS\_PK1

AND cu.CRSMAIN\_PK1 = cm.PK1

AND aa.USER\_PK1 = u.PK1

AND (cu.ROLE = 'P' or cu.ROLE = 'T' or cu.ROLE = 'B')

AND aa.TIMESTAMP > GETDATE() - 30

AND cm.service\_level = 'F'

AND cm.row\_status = 0

AND cm.available\_ind='Y'

AND cu.available\_ind='Y'

GROUP BY

u.lastname,

u.firstname

ORDER BY

hits DESC

It produces a list of active Instructors, Teaching Assistants, and Courses

Builders in available courses and a count of their BATCH\_UID in the activity

accumulator.

Feel free to check the results and/or logic and repost. YMMV.

Robert R. 'Bob' Resch - Contractor

Senior System Engineer, Team Advancia

Lifelong Learning Center, Fort Gordon, GA

Tel: (706) 791-2479 DSN: 780-2479

Fax: (706) 791-2753 DSN: 780-2753

E-Mail: bob.resch@us.army.mil

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Heather

Pellerin

Sent: Friday, September 28, 2007 11:12 AM

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] Active Faculty

I've been asked how many of our faculty use Blackboard. Any suggestions on

how to come up with this number? Also, what does the "Number of Active

Courses" in the standard system reports mean? Has anyone found the "Number

of Active Users" to be accurate? What is the timeframe (30

days?) for both of these?

We are running Blackboard version 7.2 on Windows/MS SQL.

Thanks, Heather

Heather Pellerin

Web Technology Administrator

Information Technology

Fitchburg State College

978-665-3224

----------------------------------------------------------

# fix corrupt or orphan assignments in a course

----------------------------------------------------------

>>> David Carter-Tod <dcartertod@VCCS.EDU> 8/24/2007 10:23 AM >>>

There's actually a procedure in the database to fix corrupt or orphan

assignments in a course:

SQL> exec PURGE\_CORRUPT\_ASMT\_ASSIGNMENT(46261);

SQL> commit;

Where the number is the course pk1 value.

David

>>>>

Date: Thu, 23 Aug 2007 14:13:13 -0500

From: Lauree Garvin <lgarvin@LUC.EDU>

Subject: Re: to assignments with same names and underlined titles - cannot

remove - thanks!

Well, have just talked to our BB TSM and apparently there was some sort of

corruption with the assignment that messed up things. However, I have no

idea why I couldn't get the assignments I created in my test course to

underline. I created them using the assignments function.I should not have

seen the copy button for them either but I swear it was there! We had some

other issues with BB yesterday - we don't host - so maybe there are some

database things going on.

Our TSM says the # sign in the assignment name shouldn't matter and I did

use a # sign in the names of the assignments in my test course and could

still remove/modify them. I did check the Gradebook and the assignments were

listing there but am wondering if the duplicate names totally confused the

BB database and it didn't know which assignment to remove because of the

same names?

Thanks to all for the suggestions. We archived the course and restored it to

a dummy course and were able to remove the offending assignments.

Lauree

Directions to BLKBRD-L archives and settings:

http://is.asu.edu/instruction/faq/usingBLKBRD-L.html

----------------------------------------------------------

# REPORT FILE SIZE OF ALL COURSES (BETTER SCRIPTS LATER IN THIS DOC)

----------------------------------------------------------

>>> "NS Hashmi, Information Systems and Computing" <Naveed.Hashmi@BRISTOL.AC.UK> 8/23/2007 9:32 AM >>>

I've modified your SQL a little to get the course sizes for 'available'

courses in Mb:-

SELECT cm.course\_id, cr.registry\_value/1024/1024 as SIZE\_MB

FROM course\_registry cr, course\_main cm

WHERE registry\_key='disk\_usage'

AND cr.crsmain\_pk1=cm.pk1

AND cm.AVAILABLE\_IND = 'Y'

ORDER BY SIZE\_MB

Naveed

On 23 August 2007 09:50 +0200 "Jans, Jos" <jos.jans@INHOLLAND.NL> wrote:

> Yes that's no problem,

>

> The filesize (not always correctly displayed), is mentioned in the table

> course\_registry. > If you join course\_registry and Course\_Main, and select the course\_ID,

> registry\_Key and Registry\_value fields from the two tables if the

> registry Key > Registry\_key = disk\_usage

>

> So you should end up with something like:

>

> SELECT COURSE\_MAIN.COURSE\_ID, COURSE\_REGISTRY.REGISTRY\_VALUE

> FROM COURSE\_REGISTRY, COURSE\_MAIN INNER JOIN

> WHERE (COURSE\_REGISTRY.REGISTRY\_KEY = 'disk\_usage') and

> (COURSE\_REGISTRY.CRSMAIN\_PK1 = COURSE\_MAIN.PK1)

>

> This will give a list of coursed with the diskusage in BYTES :-( (divide

> this value by 1000\*1024) to get MB)

>

> With Kind regards,

> Jos Jans

> ICT INHOLLAND

> (Blackboard) Desktop & Application Management

> ' (023) 543 8152

>

>

> -----Oorspronkelijk bericht-----

> Van: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] Namens NS Hashmi,

> Information Systems and Computing

> Verzonden: woensdag 22 augustus 2007 20:02

> Aan: BBADMIN-L@ASU.EDU

> Onderwerp: [BBADMIN-L] Course sizes

>

> Hi

>

> Is it possible to get the (file) size of courses from the database which

>

> are over 250Mb?

>

> Thanks,

>

> Naveed

> --------------------------------------------------------

> Naveed Hashmi

> University of Bristol

--------------------------------------------------------

Naveed Hashmi

Information Systems and Computing

University of Bristol

Naveed.Hashmi@bristol.ac.uk

----------------------------------------------------------

# REPORT all users that were created within the last week AND have NOT logged in.

----------------------------------------------------------

>>> "Jans, Jos" <jos.jans@INHOLLAND.NL> 8/23/2007 4:01 AM >>>

Sorry the last one was empty :-(

This could be the query to use every day and displays only the users

that are created from Now until < 8,0 days ago (so last week)

SELECT USER\_ID, LAST\_LOGIN\_DATE

FROM USERS

WHERE (DATEDIFF([day], DTCREATED, GETDATE()) < 8) AND (LAST\_LOGIN\_DATE

IS NULL)

Hope this will help

With kind regards,

Jos Jans

ICT INHOLLAND

(Blackboard) Desktop & Application Management

' (023) 543 8152

>>> Gayle Baugh <gbaugh@DCCCD.EDU> 8/22/2007 6:03 PM >>>

Tim, see if this works:

select user\_id from users

where (dtcreated between aug 18, 2007' and 'aug 22, 2007')

and last\_login\_date is null

I would add dtcreated and last\_login\_date to the select part, just to

make sure you're pulling the correct data:

select user\_id, dtcreated, last\_login\_date from users

where (dtcreated between aug 18, 2007' and 'aug 22, 2007')

and last\_login\_date is null

I'm assuming you're using SQL. I don't know if the same query works for

Oracle, because I don't know Oracle syntax.

Gayle Baugh

Technical Web Developer II

Dallas Community College District

LeCroy Center for Educational Telecommunications

972-669-6491

Fax: 972-669-6699

gbaugh@dcccd.edu

>>> Tim Crouch <Tim\_Crouch@UTTYLER.EDU> 8/22/2007 4:37 PM >>>

I need to find out the following:

user\_ids for all users that were created within the last week AND have

NOT logged in.

I can query for the last login\_date is null, but am having problems

with the datetime format of the dtcreated field.

In psuedo code:

SELECT USER\_ID FROM USERS

WHERE LAST\_LOGIN\_DATE is NULL AND

WHERE DTCREATED is between 8/18/2007 and 8/22/2007

Thanks for the help!

Tim Crouch

Systems Administrator

Campus Computing Services

University of Texas at Tyler

903-566-7476

----------------------------------------------------------

# MANY USEFUL SQL SCRIPTS FROM LIVERPOOL

----------------------------------------------------------

### http://pcwww.liv.ac.uk/csd/blackboard/scripts/

I:\Delphi\Blackboard\Bb Admin\Knowledge Base\SQL Scripts\UofLiverpool\_Scripts.txt

----------------------------------------------------------

\*NOTE - SUBJECT: SYSTEM HEALTH CHECK TOOL

----------------------------------------------------------

FROM:MICHAEL GABB ([MICHAEL.GAAB@MSO.UMT.EDU](mailto:MICHAEL.GAAB@MSO.UMT.EDU))

For the record...

The tool worked as expected.

I did learn that when creating a course via the UI a content folder/dir is automatically created too. But with snapshot a content folder/dir is not created at the same time the course is created. With snapshot the content folder/dir is created once a user has added content (content here is defined as an attachment, archiving/exporting a course, and others I am sure).

Because I assumed that a content folder/dir was created upon course

creation, regardless of method of creation, my calculated and generated

(generated = comparing course ids in database to folder/dir names in content

area) number of orpaned folders did not make sense but now do.

Mike

----------------------------------------------------------

# Report the number of courses that have content in a Course Menu item such as Syllabus.

----------------------------------------------------------

Hi Chris,

You did not mention what version you are running.

We are on 7.1 and this would work on our database....

select count(distinct cm.course\_id)

from bb\_bb60.course\_contents ccm,

bb\_bb60.course\_contents cci,

bb\_bb60.course\_main cm

where ccm.crsmain\_pk1 = cm.pk1

and cci.parent\_pk1 = ccm.pk1

and ccm.position = 1

and ccm.title like '%Syllabus%.label'

Hope it helps

Cathy Colless

University of York

Email: cc518@york.ac.uk

Tel: +44 (0)1904 32 1140

http://vlesupport.york.ac.uk

/--------------------------------------------/

select count(distinct(parent\_pk1))

from course\_contents

where parent\_pk1 in

(select pk1 from course\_contents

where parent\_pk1 is null

and title = 'Syllabus'

);

If you want the actual courses enumerated, this should help

select distinct(cm.course\_id)

from course\_contents cc, course\_main cm

where cc.parent\_pk1 in

(select ccb.pk1 from course\_contents ccb

where ccb.parent\_pk1 is null

and ccb.title = 'Syllabus'

)

and cm.pk1=cc.crsmain\_pk1

;

On 8/1/07, Glen Parker <glparker@usf.edu> wrote:

> When you say "button" are you refering to a Menu Item on the left with

> the title "Syllabus". That is, a top level folder titles Syllabus?

>

> Glen

>

> On 8/1/07, Christopher Carrillo <c.carrillo@neu.edu> wrote:

> > We have a button in each of our courses called "Syllabus".

> >

> > What kind of query to the Oracle database will tell me the number of > > courses that have an item posted in the Syllabus content area?

> >

> > Your help is very much appreciated!

> >

> > Thanks,

> > Chris

> > \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

> > Christopher Carrillo

> >

> > Academic Technology Services

> > Northeastern University

> > c.carrillo@neu.edu

----------------------------------------------------------

# Report courses that have not been used or DO NOt have content, no activity. (two scripts were placed on the listserv.)

----------------------------------------------------------

Here's the routine that I use to find all the course sites that have NOT

been used during the semester (so I can delete them at the end of the

semester).

Parameter: pattern match on DSK (see :dsk)

Recently updated to v7.1, though there may be other items in 7.x that need

to be checked that I haven't discovered and added to the code.

--Michael

--Original code from

--Date: Fri, 01 Oct 2004 12:47:38 -0400

--FROM: Glen Parker <glparker@USF.EDU>

--Subject: Re: [BBADMIN-L] Finding Courses with No Content

--

-- Find courses that were \*never\* used

-- Each of the tests below find courses that were used in one little way...

-- List all the courses that were not found.

select ncm.pk1, ncm.batch\_uid external\_course\_key,

ncm.course\_name, dat.batch\_uid data\_source\_key, ncm.available\_ind,

decode(ncm.row\_status,

0, 'enabled',

2, 'disabled',

ncm.row\_status) row\_status

FROM course\_main ncm, data\_source dat

WHERE

dat.batch\_uid like '%' || :dsk || '%'

and ncm.data\_src\_pk1=dat.pk1

and ncm.pk1 not in (

SELECT cm.pk1 FROM course\_main cm

WHERE 0 <

(select count(\*) FROM ANNOUNCEMENTS za

WHERE za.crsmain\_pk1=cm.pk1)

or 0 <

(select count(\*) FROM COURSE\_CONTENTS zcc

WHERE zcc.crsmain\_pk1 = cm.pk1

and zcc.parent\_pk1 is not null

and zcc.cnthndlr\_handle != 'resource/x-bb-folder'

-- Special GVSU test: every course has an announcement about 'mid term evals'

and zcc.title != 'Information on mid term evaluations')

or 0 <

(SELECT count(\*) FROM QTI\_ASI\_DATA

WHERE crsmain\_pk1 = cm.pk1

AND bbmd\_assessmenttype = 1

and parent\_pk1 is null)

or 0 <

(SELECT count(\*) FROM FORUM\_MAIN

WHERE confmain\_pk1 =

(select pk1 FROM CONFERENCE\_MAIN\_BBUPDATERBCK

-- in v6.x, table was CONFERENCE\_MAIN

WHERE crsmain\_pk1 = cm.pk1

and groups\_pk1 is null))

or 2 <

(SELECT count(\*) FROM GRADEBOOK\_MAIN WHERE crsmain\_pk1 = cm.pk1)

or 0 <

(SELECT count(\*)

FROM COURSE\_USER\_UPLOADS zcuu, COURSE\_USERS zcu, COURSE\_MAIN zcm

WHERE zcm.pk1 = cm.pk1

AND zcuu.course\_users\_pk1=zcu.pk1

AND zcu.crsmain\_pk1=zcm.pk1)

or 0 <

(SELECT count(\*) FROM QTI\_ASI\_DATA

WHERE crsmain\_pk1 = cm.pk1 AND bbmd\_assessmenttype = 4 and

parent\_pk1 is null)

or 0 <

(SELECT count(\*) FROM GROUPS

WHERE crsmain\_pk1 = cm.pk1)

or 0 <

(SELECT count(\*) FROM QTI\_ASI\_DATA

WHERE crsmain\_pk1 = cm.pk1 AND bbmd\_assessmenttype = 3 and

parent\_pk1 is null)

or 0 <

(SELECT count(\*) FROM COURSE\_CONTENTS

WHERE crsmain\_pk1 = cm.pk1 and parent\_pk1 is not null and

content\_type='URL')

or 0 <

(SELECT count(\*) FROM TASKS

WHERE crsmain\_pk1 = cm.pk1)

or 0 <

(SELECT count(\*) FROM CALENDAR

WHERE crsmain\_pk1 = cm.pk1)

or 0 <

(select count(\*) FROM STAFFINFORMATION

WHERE crsmain\_pk1=cm.pk1 and parent\_pk1 is not null)

or 0 <

(select count(\*) FROM COURSE\_USERS

WHERE crsmain\_pk1=cm.pk1 and role = 'S'

and (intro is not null OR link\_name\_1 is not null

OR link\_name\_2 is not null OR link\_name\_3 is not null

OR photo\_link is not null))

or cm.banner\_url is not null

)

order by

ncm.batch\_uid

At 9:17 AM +0200 8/2/07, Jans, Jos wrote:

>Hi,

>

>In the past I create a set of Stored Procedures/Queries that retrieves

>information about a (6.3) course, I didn't yet update it for 7.x (have

>to do that in the near future).

>Anyway, you will find it at:

>

>http://home.wanadoo.nl/jgajans/blackboard/CourseSummary.html

>

>I have explained it a little on that paeg perhaps you can anything with

>it, or you can extend it for release 7.

>

>With Kind regards,

>Jos Jans

>ICT INHOLLAND

>(Blackboard) Desktop & Application Management

>' (023) 543 8152

/--------------------------------------------/

select ncm.course\_id, ncm.course\_name, Annc, Content, Test,

Gradebook\_Item, Staff\_info, Syllabi, Turnitin, Assign

from data\_source b, course\_main ncm left join

(select a.pk1 Apk1,count(\*) ANNC

from announcements za, course\_main a

where za.crsmain\_pk1=a.pk1

group by a.pk1) on ncm.pk1=Apk1 left join

(select a.pk1 CCpk1,count(\*) CONTENT

FROM COURSE\_CONTENTS zcc, course\_main a

WHERE zcc.crsmain\_pk1=a.pk1

and zcc.parent\_pk1 is not null

and zcc.cnthndlr\_handle !='resource/x-bb-folder'

group by a.pk1) on ncm.pk1=CCpk1 left join

(select a.pk1 SYLpk1,count(\*) SYLLABI

FROM COURSE\_CONTENTS zcc, course\_main a

WHERE zcc.crsmain\_pk1=a.pk1

and zcc.parent\_pk1 is not null

and zcc.cnthndlr\_handle ='resource/x-bb-syllabus'

group by a.pk1) on ncm.pk1=SYLpk1 left join

(select a.pk1 TIIpk1,count(\*) TURNITIN

FROM COURSE\_CONTENTS zcc, course\_main a

WHERE zcc.crsmain\_pk1=a.pk1

and zcc.parent\_pk1 is not null

and zcc.cnthndlr\_handle ='resource/x-turnitin-assignment'

group by a.pk1) on ncm.pk1=TIIpk1 left join

(select a.pk1 AGNpk1,count(\*) ASSIGN

FROM COURSE\_CONTENTS zcc, course\_main a

WHERE zcc.crsmain\_pk1=a.pk1

and zcc.parent\_pk1 is not null

and zcc.cnthndlr\_handle ='resource/x-bb-assignment'

group by a.pk1) on ncm.pk1=AGNpk1 left join

(SELECT a.pk1 POOLpk1,count(\*) TEST

from QTI\_ASI\_DATA, course\_main a

WHERE crsmain\_pk1=a.pk1

and bbmd\_assessmenttype = 1

and parent\_pk1 is null

group by a.pk1) on ncm.pk1=POOLpk1 left join

(SELECT a.pk1 GRpk1,count(\*) GRADEBOOK\_ITEM

FROM GRADEBOOK\_MAIN, course\_main a

where crsmain\_pk1=a.pk1

group by a.pk1) on ncm.pk1=GRpk1 left join

(select a.pk1 STApk1,count(\*) STAFF\_INFO

from staffinformation, course\_main a

where crsmain\_pk1=a.pk1

and parent\_pk1 is not null

group by a.pk1) on ncm.pk1=STApk1

where ncm.row\_status = 0 " +

and ncm.data\_src\_pk1=b.pk1

and (0 < ANNC

or 0 < CONTENT

or 2 < GRADEBOOK\_ITEM

or 0 < TEST

or 0 < STAFF\_INFO

or 0 < SYLLABI

or 0 < TURNITIN

or 0 < ASSIGN)

group by ncm.course\_id, ncm.course\_name, Annc, Content, Test,

Gradebook\_Item, Staff\_info, Syllabi, Turnitin, Assign

Todd Grzegorczyk

Academic Management System Administrator

Information Technology

Northwood University

(989) 837-4138

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Larry

Lambert

Sent: Wednesday, August 01, 2007 6:55 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Querying for courses with "added content"?

Dan, you can get a query that will tell you the activity level and

whether any content exists in the course. I believe your TSM or maybe I

and C would have this. We had to move thousands of courses once and I

ran it to do just what you are talking about. Unfortunately it was a

year or so ago and I do not have the query anymore......

Sincerely,

Larry B. Lambert

Online Instructional Support Specialist

President- CSEA

Ambassador- CETC

Southwestern College

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of

Korstad, Karen

Sent: Wednesday, August 01, 2007 3:26 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] Querying for courses with "added content"?

I have been wondering this as well. Anybody have anything? I'd be very

interested in being able to find courses that have not been touched

since they were created so I can safely delete them.

Karen Korstad

Faculty Technology Specialist

(760) 795-6787

kkorstad@miracosta.edu

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Dan

LeGate

Sent: Wednesday, August 01, 2007 2:36 PM

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] Querying for courses with "added content"?

I know this one has been batted around the listserve a few times, but I

just wanted to check again to see if anyone has a good, reliable query,

that will tell you which courses have had content (syllabus,

discussions, announcements, calendar entries, etc.) after their initial

creation. Can this type of thing be queried for in 7.x?

We're going to have to rename some courses (ugh) mid-quarter, so I'd

like to know which ones can be deleted, and which ones need to be

archived first. They are mostly labs, so I'm hoping not too many (maybe

none!?) have content added.

Anyway, if you have any queries that could be helpful, or any other

advice as to how to approach this, it's much appreciated.

Thanks!

Dan

----------------------------------------------------------

# Slow performance of the DISCUSSION BOARD - change Bb’s stored procedure, create a reference table

----------------------------------------------------------

>>> "Jans, Jos" <jos.jans@INHOLLAND.NL> 7/3/2007 3:15 AM >>>

Hi all,

Because several people requested my solution, here it is:

First of all (you are not allowed to change the Blackboard Code, this

could affect the support you are getting from them)!!!!!

\* Create a Backup of the following object within the BB\_Bb60

database of the SQL Server (Use SQL Enterprise Manager):

+ Databases, Bb\_bb60, User Defined Functions, forum\_is\_enabled

(Right click the object, select All Tasks, Generate SQL

Script, and save the original Script)

\* Create the new objects

+ \_Conference\_By\_Course Table (you can use this SQL Script

within SQL Query Analayzer)

--------------------------\_Conference\_By\_Course-------------------------

----------------

CREATE TABLE [dbo].[\_CONFERENCE\_BY\_COURSE] (

[CONFERENCE\_PK1] [int] NOT NULL ,

[COURSE\_PK1] [int] NULL ,

[GROUPS\_PK1] [int] NULL

) ON [PRIMARY]

GO

------------------------------------------------------------------------

----------------

+ SP\_Update\_Conference\_By\_Course Stored procedure (you can use

this SQL Script within SQL Query Analayzer)

-------------------------- SP\_Update\_Conference\_By\_Course

------------------------------

SET QUOTED\_IDENTIFIER OFF

GO

SET ANSI\_NULLS OFF

GO

CREATE PROCEDURE SP\_Update\_Counference\_By\_Course

AS

BEGIN

-- Empty the current table

EXEC ('TRUNCATE TABLE bb\_bb60.dbo.\_Conference\_By\_Course');

-- Fill the table with new data

INSERT INTO bb\_bb60.dbo.\_CONFERENCE\_BY\_COURSE (

CONFERENCE\_PK1,

COURSE\_PK1,

GROUPS\_PK1)

SELECT

CONFERENCE\_PK1,

COURSE\_PK1,

GROUPS\_PK1

FROM bb\_bb60.dbo.CONFERENCE\_BY\_COURSE;

END;

GO

SET QUOTED\_IDENTIFIER OFF

GO

SET ANSI\_NULLS ON

GO

------------------------------------------------------------------------

----------------

\* Execute the SP\_Update\_Conference\_By\_Course with SQL Query Analyzer to initially fill the table

EXEC SP\_Update\_Conference\_By\_Course

\* Create a Scheduled job to execute this Stored Procedure as often

as you think is necessary, I run it every morning at 6 a Clock

\* Change the User Defined Function FORUM\_IS\_ENABLED (Just replace the words conference\_by\_course with \_conference\_by\_course, (three times) Check the Syntax and save the function.

I have added the exported SQL Scripts for all three objects, so you can

use these also, instead of the script inside this mail.

And at the end of this story, of course PLEASE Test it first on your test-server!!! We are using it since the end of February, and it works like a charm. Response time for displaying a Discussionbaord went down from 30 seconds to about 1 second (if there where about 10 threads

inside the discussionbaord).

Hope this will be useful for you!! Let me know if it works also for you and the impact it has on your response time..

That's all!!

Things I wanted to do are create a trigger on the Discussionboard when they are created or deleted,

so that the \_Conference\_By\_Course table will be altered and is always up to date.

With Kind regards,

Jos Jans

ICT INHOLLAND

(Blackboard) Desktop & Application Management

' (023) 543 8152

-----Oorspronkelijk bericht-----

Van: Elwin Ellis [mailto:ellis@nsula.edu]

Verzonden: Monday, July 02, 2007 3:26 PM

Aan: Jans, Jos

Onderwerp: RE: Slow performance with version 7.1

Even though I'm on 7.2.383.0, I'd like to have a copy of your solution as well if you don't mind. I have an open ticket with Blackboard on the slowness of discussion board that has been escalated to engineering and then to product development. But, I haven't gotten a fix yet. They are saying that the next service pack will be release before the 14th and to wait till then. The faculty here are wanting to go back to v6.3 as a result. I have a couple of instructors who are reporting that they can only post 4 or 5 lines of text in to a db post before the db hangs and they have to restart their browser constantly and occasionally the whole PC.

Also, I am getting deadlocks (on average about 15 a day) in the bb-sqlerror-log.txt. I'd like to see if your sp will help the situation. You describe what I think is happening, anyway...

Thanks,

Elwin Ellis

Information Systems

Northwestern State University

Natchitoches, LA 71497

318-357-5594

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@asu.edu] On Behalf Of Jans, Jos

Sent: Monday, July 02, 2007 5:43 AM

To: BLKBRD-L@asu.edu

Subject: Re: Slow performance with version 7.1

Hi Randy,

The slow performance of the discussion board, I had that problem also, changed some Stored procedure and it is now running like it should be. The problem is they use SQL Union to collect all System, course and group discussion boards, every time you access a discussion board

(threads). If you create a table from the result of this union and reference to that table, it makes a big difference (1 second compared to the original 30 seconds in our case). On the other hand it wouldn't be up to date at all times. To resolve this problem I update this table

each night with a scheduled task. The next thing to do would be to create a trigger that updates this table, as soon as you create or delete a discussion board.

If you guess, this solution could work for you just contact me I will send you the exact steps to get this done.

With Kind regards,

Jos Jans

ICT INHOLLAND

(Blackboard) Desktop & Application Management ' (023) 543 8152

-----Oorspronkelijk bericht-----

Van: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@ASU.EDU] Namens Randy Anderson

Verzonden: Thursday, June 21, 2007 1:27 AM

Aan: BLKBRD-L@ASU.EDU

Onderwerp: Slow performance with version 7.1

We upgraded to version 7.1 from version 7 in May (Academic system). With this upgrade we started to experience very slow response times in general throughout the instructor and student interface but especially in the area of Discussion Boards. Our admins are reporting very extreme

response times in the areas of course/user searches and the removal of courses.

Has anyone else perceived noticeable laggard system performance in version 7.1?

--

Respectfully Serving

--

Randy Anderson, M.Ed.

Programming Analyst Instructional Systems

Maricopa Community Colleges

---

Office: 480.731.8072

Cell: 480.580.6471

Yahoo IM: respectfully.serving

----------------------------------------------------------

# Delete (for IT only) all completed tasks older than 7 days from Systems Tasks Status table

----------------------------------------------------------

>>> Doug Richey <DRichey@ANSELM.EDU> 7/2/2007 11:44 AM >>>

Try this.

use bb\_bb60

DELETE FROM queued\_tasks WHERE status IN ('C','E') AND end\_date <

getdate() - 7;

Regards,

Doug Richey

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of

Resch, Robert R. - Contractor

Sent: Monday, July 02, 2007 11:28 AM

To: BBADMIN-L@asu.edu

Subject: Re: [BBADMIN-L] System Tasks Status - Undocumented feature ?

(UNC LASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Just curious. With SQL Server how do you 'run' TRUNCATE QUEUED\_TASKS?

Everthing I've tried results in a syntax error.

Robert R. 'Bob' Resch - Contractor

Senior System Engineer, Team Advancia

Lifelong Learning Center, Fort Gordon, GA

Tel: (706) 791-2479 DSN: 780-2479

Fax: (706) 791-2753 DSN: 780-2753

E-Mail: bob.resch@us.army.mil

-----Original Message-----

From: Michael F Zimmerman [mailto:mzimmerman@MAIL.UNOMAHA.EDU]

Sent: Tuesday, September 12, 2006 10:44 AM

To: BBADMIN-L@asu.edu

Subject: Re: [BBADMIN-L] System Tasks Status - Undocumented feature ?

Dominique,

There's a Knowledgebase article about this, 181-1775, which basically just shows the SQL queries to clear that table:

---------

Resolution:

This logging information is kept in the database. You can run the following query which will delete all completed tasks older than 7 days. Connect to the BB\_BB60 database and run the appropriate version for your database type:

Oracle:

DELETE FROM queued\_tasks WHERE status = 'C' AND end\_date < sysdate-7;

COMMIT;

SQL Server:

DELETE FROM queued\_tasks WHERE status = 'C' AND end\_date < getdate()-7

GO

You may also want to delete more recent tasks, and you may want to delete tasks in 'E' (error) or 'I' (incomplete, can be restarted) status as well - this is all up to the user.

For a very quick and complete cleanup, check that no tasks are in 'R' or 'W' status, then run TRUNCATE QUEUED\_TASKS.

------------

Mike

-----------------------------------------------------------------

Michael Zimmerman, System Administrator

University of Nebraska-Omaha, ITS Academic Information Systems

Email: mzimmerman@mail.unomaha.edu

Phone: 402-554-4357

bbadmin-l - listserv <BBADMIN-L@asu.edu> wrote on 09/12/2006 09:36:52AM:

> Hi,

> Having just completed the bulk of our installation, I discovered the "System Tasks Status" list under ADMINISTRATOR PANEL > LOGS

>

> The list was very long (several hundred completed tasks). All of them -- except 2 -- having been completed with success, I deleted them... I also deleted one that was "Complete, with errors". But one task remains, also "Complete, with errors", which doesn't show any selection box.

> Therefore, I can't possibly delete it. Am I missing something here ?

>

> It can be tedious to have to click each one of the selection boxes in

> order to delete hundreds of tasks... Is there any faster way to delete them all at once ?

>

> I looked into the manuals, but found no reference at all for that > feature in the administrator's manual. Strange, isn't it ?

>

> DL

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

>

> Dominique Laloux

> The International School of Brussels

> Kattenberg 19 --- B1170 Brussels --- Belgium

> Tel : +32(0)2 661 43 90 --- Gsm : +32(0)475 78 57 88

> lalouxd@isb.be --- http://www.isb.be

>

> Directions to BBADMIN-L archives and settings:

> http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

Directions to BBADMIN-L archives and settings:

http://is.asu.edu/instruction/faq/usingBBADMIN-L.html

Classification: UNCLASSIFIED

Caveats: NONE

----------------------------------------------------------

# LOCATE ALL ORPHANED DIRECTORIES (COURSES) IN ORACLE USING SQL AND COMMAND LINE, AND PERL SCRIPT

----------------------------------------------------------

I was intrigued by the idea of finding directories in in the courses

directory that don't have corresponding records in course\_main. The

following will accomplish this in 4 steps. This should work for

Oracle, probably not for SQLServer. \*Sorry\*.

1) Get a list of all directories in courses

2.0) Give bb\_bb60 the ability to read external tables

2.1) Register that list in Oracle as an external table

3) report on directories that don't also exist in course\_main

------------Details -------------------------

---1) On your app server

cd /usr/local/blackboard/content/vi/bb\_bb60/courses/1

\ls -1 > /tmp/ext\_dir/course\_list.txt

-- Copy this file to your database server /tmp/ext\_dir

scp /tmp/ext\_dir/course\_list.txt oracle@dbserver:/tmp/ext\_dir

-- 2.0) --- On database server ---

cd /tmp/ext\_dir

chown -R oracle:dba .

ls -al course\_list.txt

-- connect to oracle, make an external table , must be system to grant

privileges

sqlplus system/password

SQL> create or replace directory ext\_dir as '/tmp/ext\_dir';

SQL> grant read, write on directory ext\_dir to bb\_bb60;

-- 2.1) -- Create the external table

SQL> create table ext\_table (

course\_id Varchar2(50)

)

organization external (

type oracle\_loader

default directory ext\_dir

access parameters (

records delimited by newline

fields terminated by ','

missing field values are null

)

location ('course\_list.txt')

)

reject limit unlimited;

3) -- connect bb\_bb60 to generate report

SQL> connect bb\_bb60/password

SQL> select course\_id from system.ext\_table

minus

select course\_id from course\_main

;

-- Whatever returns is a directory on the filesystem that no longer has an entry in the database.

-- It is an orphan directory. Delete these directories as you will.

-------------------

Date: Thu, 14 Jun 2007 14:19:40 -0700

From: Ricardo Fitipaldi <rfitipal@MAIL.SDSU.EDU>

Subject: Re: Orphan Courses sans System Health Check

This is a multi-part message in MIME format.

--Boundary\_(ID\_TjafhhOLZcqC/CcbTmhxVw)

Content-type: text/plain; charset=ISO-8859-1; format=flowed

Content-transfer-encoding: 7bit

Thank you Glenn for this procedure.

I wrote a Perl script that produces similar results.

I think it is correct , but "use at your own risk".

rf

#!/usr/local/blackboard/apps/perl/bin/perl

##!/usr/bin/perl

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#

# File Name: checkOrphandir.pl

# Description: Check for Orphan directories (directories that

# exist in the filesystem, but not in the Bb Database.

#

#

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

use strict;

# -----------Bb Oracle Environment-----------------------------------------

$ENV{'ORACLE\_HOME'} = "/usr/local/blackboard/apps/oracle-client";

$ENV{'LD\_LIBRARY\_PATH'} = "/usr/local/blackboard/apps/oracle-client/bin";

$ENV{'TNS\_ADMIN'} =

"/usr/local/blackboard/config/oracle/network/admin";

$ENV{'NLS\_LANG'} = "AMERICAN\_AMERICA.WE8ISO8859P1";

# ----------DB CONNECTION-------------------------------------------------

use DBI;

my $SID = <enter your DB SID>;

my $HOST = <DB IP address>;

my $bbuser = <Bb username>;

my $password = <Bb password>;

my $db = DBI->connect('dbi:Oracle:host='. $HOST . ';sid=' . $SID,

$bbuser, $password) or die ("Cannot connect database:$DBI::errstr");

my $dbe = $db->prepare('SELECT course\_id FROM course\_main where

course\_id = ?');

# -----------Bb Directories----------------------------------------------

my $bbdir = "\/usr\/local\/blackboard";

my $coursesdir = $bbdir . "\/content\/vi\/bb\_bb60\/courses\/1\/";

#-----------OS commands-------------------------------------------------

my $LS = "\/bin\/ls";

my $AWK = "\/bin\/awk";

# ---------vars

my @dirList;

my $courseName;

my $res;

my $counter = 0;

# ---------Get Filesystem Dir List-------------------------------------

@dirList =qx($LS -l $coursesdir | $AWK '{print \$9}');

#--------- Check for Orphan Directories-----------------------------------

foreach $courseName (@dirList)

{

chomp($courseName);

$dbe->execute($courseName);

$res = $dbe->fetchrow\_array;

if(!$res)

{

print "Course $courseName not in the DB\n";

$counter += 1;

}

}

print "\nFound $counter orphan course(s)\n";

# ---------Clean up

$dbe->finish;

$db->disconnect;

#-------END OF FILE--------------------------------------------------

---------------------------------------------------------

# display the number of uses a particular portal module has

----------------------------------------------------------

Do you mean how many times a user actually uses a module or having it on

their tabs?

If you want the uses of the module it is a bit tricky..

What you have to do is find the PK1 of the module.

SELECT TITLE, PK1

FROM [MODULE]

WHERE (TITLE LIKE 'bookmarks')

GROUP BY TITLE, PK1

This will return something like:

TITLE PK1

Bookmarks 15

Then query the activity accumulator with a criterion that the data field

will be the PK1 of the module in the format: \_15\_1.

SELECT COUNT(\*) AS Expr1

FROM ACTIVITY\_ACCUMULATOR

WHERE (DATA = '\_15\_1')

This will return the times a module is accessed from the users.

b--------------------------------------b

SELECT COUNT(DISTINCT users\_pk1)

FROM layout a,

module\_layout b

WHERE a.pk1 = b.layout\_pk1

AND b.module\_pk1 =

(SELECT pk1

FROM MODULE

WHERE LOWER(title) like 'portal/bookmarks.title')

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Mark

A. O'Neil

Sent: Monday, June 11, 2007 9:45 AM

To: BBADMIN-L@asu.edu

Subject: [BBADMIN-L] SQL Query: Portal Module Usage?

Before I go questing for the tables etc does anyone have a sql query

that will display the number of uses a particular portal module (eg the

bookmarks module) may have?

b--------------------------------------b

Mark and the gang.

Oooooh I finally get to help you!!!!!

Quick counts of all available modules.

SELECT MODULE.TITLE, Count([MODULE.TITLE]) AS Counts FROM MODULE INNER

JOIN MODULE\_LAYOUT ON MODULE.PK1 = MODULE\_LAYOUT.MODULE\_PK1 GROUP BY

MODULE.TITLE, MODULE.ENABLED\_IND HAVING (((MODULE.ENABLED\_IND)="Y"));

As a bonus:

To find out a give person's layout you can use this. Very handy for

getting their POV for module troubleshooting.

(I included module title as well in case you need to convert this to

list of users that have a module. Handy for telling someone that

horiscopes is going away like finding out who changed colors etc.)

SELECT USERS.USER\_ID, TAB.LABEL, TAB.short\_name, LAYOUT.LAYOUT\_UI\_STYLE,

MODULE\_LAYOUT.COLUMN\_NUMBER, MODULE\_LAYOUT.POSITION, MODULE.TITLE,

MODULE.ENABLED\_IND, MODULE.short\_name, MODULE.PLUGINS\_PK1,

MODULE.EXT\_REF, MODULE.PK1, MODULE.ENABLED\_IND FROM MODULE INNER JOIN

((((USERS INNER JOIN LAYOUT ON USERS.PK1 = dbo\_LAYOUT.USERS\_PK1) INNER

JOIN MODULE\_LAYOUT ON LAYOUT.PK1 = MODULE\_LAYOUT.LAYOUT\_PK1) INNER JOIN

LAYOUT\_FAMILY ON LAYOUT.LAYOUT\_FAMILY\_PK1 = LAYOUT\_FAMILY.PK1) INNER

JOIN TAB ON LAYOUT\_FAMILY.TAB\_PK1 = TAB.PK1) ON MODULE.PK1 =

MODULE\_LAYOUT.MODULE\_PK1 WHERE (((USERS.USER\_ID)="YOURUSERHERE") AND

((MODULE.TITLE) Like "\*") AND ((MODULE.ENABLED\_IND)="Y")) ORDER BY

TAB.LABEL, MODULE\_LAYOUT.COLUMN\_NUMBER, MODULE\_LAYOUT.POSITION;

This is WAY more data than needed but could be of use for some other

queries.

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of Mark

A. O'Neil

Sent: Monday, June 11, 2007 8:45 AM

To: BBADMIN-L@asu.edu

Subject: [BBADMIN-L] SQL Query: Portal Module Usage?

Before I go questing for the tables etc does anyone have a sql query

that will display the number of uses a particular portal module (eg the

bookmarks module) may have?

Thanks,

-m

----------------------------------------------------------

# NOT A SQL SCRIPT, JUST NOTES – SQL SCRIPT TO CHANGE COURSE AVAILABLITY AND NOTIFY INSTRUCTORS THAT THEIR COURSE IS NOT AVAILABLE

----------------------------------------------------------

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty =

[mailto:BLKBRD-L@asu.edu] On Behalf Of Jirka, Joseph

Sent: Thursday, June 07, 2007 10:28 AM

To: BLKBRD-L@asu.edu

Subject: Re: Duration dates and enrollment options

We utilize Snapshot to feed data into our system. One of the data files

- Courses - provides us with the opportunity to control a number of

parameters including the 'duration', 'start date' and 'end date' of the

course. The value passed for the duration parameter is 'continuous'.

Each day when Snapshot is run this information is passed into the

courses and overwrites whatever manual changes have been made by the

Instructor.

We have left the Instructor with the ability to make a course available

or unavailable to the students. They can choose to open the course as

soon as the enrollments are added to the course (about two weeks prior

to the term start) or when the term begins. They must at some point

though make the course available.

Once a student receives a final grade then the student is removed from

the feed and subsequently marked within Blackboard as inactive in the

course.

Joseph Jirka

Programmer/Analyst II

Information Systems

College of DuPage

425 Fawell

Glen Ellyn, IL 60137

(630) 942-2443

jirkaj@cod.edu

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@asu.edu] On Behalf Of Corrie Bergeron

Sent: Thursday, June 07, 2007 9:00 AM

To: BLKBRD-L@asu.edu

Subject: Re: Duration dates and enrollment options

Every semester we have one or two instructors that fool with those

settings. We just deal with it ad-hoc. It's simpler that way.=20

-----------------------------------

Corrie Bergeron, M.Ed.

Instructional Designer

Lakeland Community College

7700 Clocktower Dr. Kirtland, OH, 44094-5198 Room C-2060 Phone

440-525-7232 cbergeron@lakelandcc.edu

Andrew Coile <Andrew\_Coile@CSUMB.EDU>

Sent by: blkbrd-l - A list for Blackboard course administrators and

faculty <BLKBRD-L@asu.edu>

06/06/2007 09:09 PM

Please respond to blkbrd-l - A list for Blackboard course administrators

and faculty

=20

To: BLKBRD-L@asu.edu

cc:=20

Subject: Re: Duration dates and enrollment options

blkbrd-l - A list for Blackboard course administrators and faculty=20

<BLKBRD-L@asu.edu> writes:

>Recently at Central Michigan University, we've had several cases in

>which instructors have inadvertently prevented students from entering

>courses because of modifications they've made to course duration dates

>and enrollment options. I recently proposed to our LMS support team

>that we consider disabling the ability of instructors to modify these

>settings, as doing so is possible in Bb 7.X+.

>Has anyone else made such changes? If so, was there any sort of

>backlash or valid uses for these settings that were not considered?=20

>I suspect if we did educate faculty as to the effects and proper use of these settings, we could also prevent future problems. My other

>suspicion is that very few instructors use these settings at all and

>those that do are doing so without consideration for the results.=20

>Thank you,

>=20

>Jeremy

>--

>Jeremy T. Bond

>Administrator, Course Management System

>Off Campus Programs

>Central Michigan University

>800-950-1144, ext. 2094

>bond1jt@cmich.edu

>

Sorry, I'm late catching up on my reading after a busy Spring.

We had this problem a lot. Courses rolled over (using Course Copy) from a previous semester would retain the Start and End dates from that

Previous semester. The instructor would flag the course as Available, and only after complaints came into the Help Desk would we discover that the End date was the end date last semester, i.e. before this semester had even begun, and students couldn't access the course even though it was Available.

My solution was to have a series of SQL queries run that force the End Date be the appropriate end date for that term. This was made easier

because our course names include the term, i.e. HCOM231-01\_FA07, so all

'%FA07' courses get an End Date of 01/15/2008. If the course is set for Continuous Enrollment, of course, this has no effect.

I've got a series of scripts that do various things on dates listed in a

database table that has information about critical dates for each term.

For instance, on the "End Date" of a semester (about two weeks after=20

grades are due from faculty), it marks all those courses as Unavailable, and generates the text file so the Batch Archive/Export tool can generate backups which we then burn to DVD. It also sends an email to faculty warning them that the courses are Unavailable (and they need to change them back to Available if they want students to get in there), and suggests they do their own Exports for use in subsequent semesters (even though we have them also centrally).

Hope some of this is useful.

....Andrew

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Andrew Coile, Academic Systems Analyst/Programmer=20

Information Technology (IT@CSUMB) http://it.csumb.edu

CSU Employees Union Chapter 322 Vice-President

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(831) 582-5177

----------------------------------------------------------

# LIST ALL COURSES WITH “AVAILABLE” STUDENTS ONLY

----------------------------------------------------------

Mary-

I was asked to do something very similar yesterday...

select u.student\_id, u.lastname,u.firstname,u.email,cm.course\_id,

cm.course\_name, cr.name as role, cu.available\_ind

from course\_main cm

join course\_users cu on cm.pk1 = cu.crsmain\_pk1

join users u on cu.users\_pk1 = u.pk1

join course\_roles cr on cr.course\_role = cu.role

where cr.name = 'Student'

order by cm.course\_name, u.lastname

-Anthony

University of Vermont

College of Medicine

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of MARY

MITCHELL

Sent: Wednesday, June 06, 2007 3:23 PM

To: BBADMIN-L@asu.edu

Subject: [BBADMIN-L] bb\_bb60 Table/Column Containing Student's

Availability in a Course

We are trying to pull a list of Blackboard courses that includes a list

of the student enrolled in each course (Course Id, Student's Name). We

are using SQL...so far so good. The step that we cannot figure out is

how to list only students that are marked 'available' in a course site.

Would anyone know which table/column in the bb\_bb60 database contains

this info?

Thanks-

Mary

Mary Mitchell | FTCC Webmaster | mitchelm@faytechcc.edu

----------------------------------------------------------

# SQL to determine if users have data in 'My Content'

----------------------------------------------------------

I think this will actually give what you need (based on SQL server):

USE cms\_files\_users

SELECT \*

FROM XYF\_URLS

WHERE (FULL\_PATH LIKE '/users/XXXXX/%')

where you have to replace the XXXXX by the userid.

This will show all files and directories under the users folder, but

only for 1 user at a time.

Wilco Foppen

Blackboard Administrator

ROC Midden Nederland

Vondellaan 174

3521 GH Utrecht

The Netherlands

T: +31 (0)30 285 2385

@: w.foppen@rocmn.nl

-----Oorspronkelijk bericht-----

Van: Blackboard Content System List [mailto:BB-CS@Princeton.EDU] Namens

Martin Dollerup Nielsen

Verzonden: vrijdag 25 mei 2007 14:44

Aan: BB-CS@Princeton.EDU

Onderwerp: SQL to determine if users have data in 'my content' ?

Hello,

I am looking for a way to determine if a group of users (10 or more)

have data in MY CONTENT (personal content are in content system) or not.

In particular an sql query that can determine if a user has files in MY

CONTENT or not, would be very nice.

Thanks &

Best Regards

Martin Dollerup Nielsen

Systemadministrator, IT-service

Tel. +45 6550 2877

Fax +45 6550 2860

Email mdn@it-service.sdu.dk

Web http://intern.sdu.dk/it-service/ansatte/mdn-2877/

SYDDANSKUNIVERSITET.DK

----------------------------------------------------------

# SQL TIP – SPOOL – REMOVE BLANKS (COURSE CLEANUP)

----------------------------------------------------------

Date: Fri, 1 Jun 2007 18:44:38 -0500

From: Volker Kleinschmidt <vkleinschmidt@GMAIL.COM>

Subject: Re: Course cleanup

Hmm, the directory string could have been appended by the select command already, saving you the ugly ed-command in vi later, but that alone still wouldn't have completely avoided editing the output in vi. That makes me think of a pet peeve of mine, which you may find entertaining:

Use SPOOL a lot in sqlplus? Ever got annoyed by those pesky trailing blanks that inflate file size and need to be stripped afterwards using Perl or sed or vi?

Easy fix - put SET TRIMSPOOL ON at the beginning of your script. Probably the most overlooked sqlplus option, and the least useful default setting of any of them other than the annoying PAGESIZE 24. This should be in every DBAs login.sql profile.

For the output to be directly usable without having to strip off leading and trailing lines you would also want to set:

SET PAGESIZE 0 ECHO OFF FEEDBACK OFF LINESIZE 200

(HEAD OFF is not necessary due to the PAGESIZE 0 setting)

Another tip for long (by definition) columns that hold much shorter real

data, when you don't want to use COLUMN and FORMAT: just concatenate them,

append some punctuation character(s); that will drop all that useless space,

e.g.:

SELECT FIRSTNAME || ',' || LASTNAME || '.' FROM USERS;

--Volker

On 5/23/07, Ricardo Fitipaldi <rfitipal@mail.sdsu.edu> wrote:

>

> Jennifer,

> The Bb provide archive script needs a file with two fields: <course

> id>,<path to output zip file>.

> In order to create the file you have several choices.

>

> 1. Sql statement

> A. spool my-achived-courses.txt

>

> B. Select course\_id from course\_main where course\_id like <your id

> here> we do '%Spring2007%' if we want all the Spring 2007 courses.

> or any other where clause that works for you.

>

> C. Spool off

>

> D. vi the output file and add the path for the directory your want

> to output (I like the tmp dir).

> Enter the command %s/$/,\/tmp\/Spring2007\//g

> Now you have your input file.

>

> 2. Another option is to create a program (probably in Perl) to do all

> that for you (I can share mine with you).

>

> I hope this helps,

> rf

----------------------------------------------------------

# Determine who created a course.

----------------------------------------------------------

Hi Dana,

I created this query in the past (it's not 100% Proof but it works for

me):

SELECT bb\_bb60.dbo.COURSE\_MAIN.COURSE\_ID,

bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.USER\_PK1

FROM bb\_bb60.dbo.COURSE\_MAIN CROSS JOIN

bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR

WHERE (bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.INTERNAL\_HANDLE =

'create\_course') OR

(bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.INTERNAL\_HANDLE =

'batch\_create\_courses')

GROUP BY bb\_bb60.dbo.COURSE\_MAIN.COURSE\_ID,

bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.USER\_PK1, ABS(DATEDIFF(s,

bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.[TIMESTAMP],

bb\_bb60.dbo.COURSE\_MAIN.DTCREATED))

HAVING (ABS(DATEDIFF(s, bb\_bb60.dbo.ACTIVITY\_ACCUMULATOR.[TIMESTAMP],

bb\_bb60.dbo.COURSE\_MAIN.DTCREATED)) < 5)

Hope this will be usefull for you.

With Kind Regards,

Jos Jans

ICT INHOLLAND

(Blackboard) Desktop & Application Management

' (023) 543 8152

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of

Volker Kleinschmidt

Sent: Saturday, May 05, 2007 5:21 PM

To: BBADMIN-L@ASU.EDU

Subject: Re: [BBADMIN-L] determining who created a course

Another Unix-only way that hardly involves the database would be to find when the courses were created and then look at the httpd access\_log to find the IP-address submitting that request. Now use some other requests from the same IP-address, but for Perl-delivered pages. Now look for the exact same request and time in the modperl access\_log - this lists a user\_pk1 at the beginning that tells you beyond doubt who the person was (note the time may be a second off sometimes due to the proxying).

--Volker

On 5/3/07, Dana Holland <dana.holland@navarrocollege.edu> wrote:

>

> Is there a means to determine who created a course through the GUI?

> I've discovered almost a thousand courses that were created this way,

> but can't determine who did it. I'm not seeing a field name that

seems

> to correspond with that.

>

--

Volker Kleinschmidt

----------------------------------------------------------

# REPORT QUOTA STATISTICS FOR ALL AREAS OF BLACKBOARD

----------------------------------------------------------

Another way is to take a look in the Course\_Registry (Disk\_Usage,

Quota\_Override, Quota\_Upload\_Override) Table and the Course\_Main Table

(Abs\_limit, Soft\_Limit, and upload\_limit)

You could ofcourse create a stored procedure to retrieve this, and get

this information display to the user by use of an ASP page or something

like that: The stored procedure I created has the following input/output values: Input:

Course\_ID

output

CourseQuotaEnabled (Is CourseQuota systemwide

enabled)

CourseQuotaWarning (Warning level systemwide)

CourseQuotaBlock (Block level systemwide)

CourseUploadEnabled (Is FileSize Upload Quota

systemwide enabled)

CourseUploadQuota (FileUpload level systemwide)

CourseQuotaOverride (Is CourseQuota Override enabled

on course level)

CourseQuotaOverrideWarning (Warning level Course)

CourseQuotaOverrideBlock (Block level Course)

CourseQuotaUploadOverride (Is Filesize Override enabled on

course level)

CourseUploadOverrideQuota (FileUpload level Course)

DiskUsage (Actual DiskUsage

Course)

-------------

CREATE PROCEDURE dbo.CourseQuota

@COURSE\_ID varchar(50)

AS

BEGIN

Declare @CRSMAIN\_PK1 int

Set @CRSMAIN\_PK1 = (SELECT PK1 FROM bb\_bb60.dbo.COURSE\_MAIN WHERE

COURSE\_ID= @COURSE\_ID)

Select (SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_ind') CourseQuotaEnabled,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_soft\_limit') CourseQuotaWarning,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_abs\_limit') CourseQuotaBlock,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_upload\_limit\_ind') CourseUploadEnabled,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.SYSTEM\_REGISTRY WHERE

REGISTRY\_KEY = 'Fquota\_upload\_limit') CourseUploadQuota,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.COURSE\_REGISTRY WHERE

(CRSMAIN\_PK1=@CRSMAIN\_PK1) And (REGISTRY\_KEY = 'quota\_override'))

CourseQuotaOverride,

Soft\_Limit CourseQuotaOverrideWarning ,

Abs\_limit CourseQuotaOverrideBlock,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.COURSE\_REGISTRY WHERE

(CRSMAIN\_PK1=@CRSMAIN\_PK1) And (REGISTRY\_KEY = 'quota\_upload\_override'))

CourseQuotaUploadOverride,

Upload\_Limit CourseUploadOverrideQuota,

(SELECT REGISTRY\_VALUE FROM bb\_bb60.dbo.COURSE\_REGISTRY WHERE

(CRSMAIN\_PK1=@CRSMAIN\_PK1) And (REGISTRY\_KEY = 'disk\_usage') ) DiskUsage

From bb\_bb60.dbo.COURSE\_MAIN

Where PK1=@CRSMAIN\_PK1

End

GO----------

I would say give it a try, it seems to work for me, I just have to

create a Buildingblock or ASP around it (last one is the easiest for me,but hey if somebody is handy in JAVA programming, why don't you give it a try??)

By The Way if you want to know it for a Coummunity/Organization you have to change the SearchStrings like 'Fquota\_ind' into 'Cquota\_ind' (F-->C)

With Kind Regards,

Jos Jans

ICT INHOLLAND

(Blackboard) Desktop & Application Management

' (023) 543 8152

----------------------------------------------------------

# REPORT ALL AVAILABLE COURSES AND NUMBER OF STUDENTS IN EACH COURSE.

----------------------------------------------------------

**-- COURTESY OF SARAH MANN --**

**From:** Steven Jones   
**Sent:** Friday, January 26, 2007 3:18 PM  
**To:** Sarah Mann  
**Subject:** Generating Blackboard stats

Sarah, here’s how we generate the weekly report on Blackboard available courses with instructors and students for the current term.  These statements are for MSSQL 2000, but the idea should work for any platform.

**Sends an email with the results of a stored procedure –**

(can be a step of a scheduled job)

EXEC master.dbo.xp\_sendmail

     @recipients = 'usera@univ.edu;userb@univ.edu', -- change this line

     @query = 'exec dbname.dbo.spBlackboardStats', -- edit dbname

     @subject = 'Blackboard Stats',

     @message = '',

     @attach\_results = 'FALSE',

     @width = 1250

**Procedure source –**

CREATE procedure spBlackboardStats as

/\*\*

            Shows count of courses and enrolled students for current term courses that have been made available by the instructor.

            jonesst october 26 2005

\*\*/

declare @term char(5)

declare @availablecourses int

declare @numstudents int

declare @numfaculty int

--Edit this statement to get current term.

select @term = current\_term from sqlserver.database.dbo.termtable

--Assumes a term format such as 20062

set @term = '%-' + right(@term,3)

--Example course\_id: BB-201-006-062

--Edit dbserver name.

select @availablecourses = count(\*) from dbserver.bb\_bb60.dbo.course\_main where course\_id like @term and available\_ind = 'Y'

--Edit dbserver name.

select @numstudents = count(distinct users\_pk1) from dbserver.bb\_bb60.dbo.course\_users u

join dbserver.bb\_bb60.dbo.course\_main c on u.crsmain\_pk1 = c.pk1

where c.course\_id like @term and c.available\_ind = 'Y' and u.role = 'S'

--Edit dbserver name.

select @numfaculty = count(distinct users\_pk1) from dbserver.bb\_bb60.dbo.course\_users u

join dbserver.bb\_bb60.dbo.course\_main c on u.crsmain\_pk1 = c.pk1

where c.course\_id like @term and c.available\_ind = 'Y' and u.role = 'P'

--Edit this statement to get current term.

select @term = current\_term from sqlserver.database.dbo.termtable

print 'Course statistics for sections that include term in the course id.'

print ''

print 'Available courses for ' + @term + ': ' + cast(@availablecourses as varchar(10))

print 'Enrolled students for ' + @term + ': ' + cast(@numstudents as varchar(10))

print '          Faculty for ' + @term + ': ' + cast(@numfaculty as varchar(10))

**Steven Jones**

----------------------------------------------------------

# FOR XYTHOS - CHANGE ALL USERS QUOTA FOR CONTENT SYSTEM (PROBABLY NEEDS MODIFICATIONS)

----------------------------------------------------------

I've been asked to share this code, and I will.  As I stated before, I don't know if it will benefit BBCS users or not, but if the Xythos Admin tool/apis are available then it might.  The code isn't that pretty, but it works well and quickly.  I recently updated quotas on about 13,000 users and it took less than 10 minutes with no noticeable system performance problems during the update (yes, the system remains up during the update).

You can download quotatool.jsp from here:

<https://bearspace.baylor.edu/xythoswfs/webui/_xy-1177517_1-t_hMGZkX7H>

On our Xythos system, this file goes in the "/webapps/xythosadmin" directory.  I then added this code to findroot.jsp (in the same directory) to put a link from the admin console to my new jsp:

<FORM action=quotatool.jsp METHOD=POST NAME=prefs >

<ul>

<TR><TD colspan=4><B><I>To display my miscellaneous ever-changing JSP--now it <U>INCREASES QUOTAS</U>--DO NOT PRESS BUTTON!:</I></B></td></tr>

<tr>

  <TD class="search" NOWRAP>  
    <%=p\_msgBun.getString("LABEL\_VSERVER")%>:  
  </td>  
  <td>  
    <SELECT NAME=vserver>  
      <% for (int i = 0; i < l\_vServerNames.length; i++) {  
           out.print("<OPTION VALUE=\"" + ServletUtil.makeHtmlSafe(l\_vServerNames[i]) + "\">"  
            + ServletUtil.makeHtmlSafe(l\_vServerNames[i]));  
         }  
      %>  
    </SELECT>

  &nbsp;<INPUT TYPE=SUBMIT VALUE="<%=p\_msgBun.getString("DANGER: This button increases ALL user quotas!")%>"></TD>  
</TR>  
        <INPUT TYPE=HIDDEN NAME=name VALUE="\*" >  
</FORM>

Do you like all of my warnings?  :-)

Once you do that, all you do is click the new button on that admin page and the tool updates all user quotas.  You will want to edit the quotatool.jsp PRIOR to running it in order to put whatever quota limit in that you want.  Search for the following variables:

long newquota = 1073741824;

long bwquota = newquota \* 5;

In this example, I'm setting the disk quota to 1GB (1024\*1024\*1024) and I'm setting the bandwidth quota to 5 times that.  It will only update quotas if they are less than the new amount.  It will not lower quotas.  However, there if there are unlimited quotas (which have a value of -1 in the database) it will change them to the new quota.  I've never bothered putting a check in my code because we only have 1 or 2 users with unlimited quotas and I've just changed them back manually.

**Sounds like to lower quotas, change to unlimited > save, then change to the lower quota. -BWL**

Like I said, this works with Xythos but I have no idea if it will work with the BBCS.  Good luck!

David Taylor

Baylor University

----------------------------------------------------------

# WHO HAS TAKEN THE SURVEY (ASSESSMENT) AND SEARCH ONLY ON SURVEY (META) COURSES

----------------------------------------------------------

Date: Wed, 28 Mar 2007 14:42:36 -0700

From: Bob Skinner <bskinner@MAIL.SMU.EDU>

Subject: Survey Queries

We're testing the use of Blackboard for large surveys and need a query that will let us easily determine who has and who has not completed a survey.

I've been using the following query that was previously posted (either here or on BLKBRD-L) modified to find only courses we have created that have Survey at the start of the course ID:

SELECT course\_main.course\_id,users.user\_id,users.email,

users.lastname,users.firstname,attempt.date\_added,

attempt.date\_modified,gradebook\_main.title, attempt.grade,attempt.status

FROM bb\_bb60.course\_main, bb\_bb60.gradebook\_main,

bb\_bb60.gradebook\_grade, bb\_bb60.course\_users, bb\_bb60.users,

bb\_bb60.attempt

WHERE ( (course\_main.pk1 = gradebook\_main.crsmain\_pk1)

AND (gradebook\_main.pk1 = gradebook\_grade.gradebook\_main\_pk1)

AND (course\_users.pk1 = gradebook\_grade.course\_users\_pk1)

AND (users.pk1 = course\_users.users\_pk1)

AND (gradebook\_grade.pk1 = attempt.gradebook\_grade\_pk1)

AND (course\_main.course\_id LIKE 'Survey%')

However, this only returns users who have attempted or completed the survey. What I would like is a complete list of both the users who did the survey together with those who have not--i.e., everybody in the gradebook. I'm still very much a beginner at sql and am hoping that someone can point me in the right direction without too much trouble.

BOB

Bob Skinner

Associate Director, Academic Computing

Southern Methodist University

----------------------------------------------------------

# IN-PROGRESS ASSESSMENT ATTEMPTS FOR THE PAST 2 HOURS

----------------------------------------------------------

I just wanted to share this query with you guys. Sometimes I need to do an unexpected service restart during the day. The problem is that students might be in the middle of some online test and I have no clue about them. This query will tell you what course, what grading column and at what time the attempt was initiated. This query returns in-progress attempts only that occurred during the last two hours in a day:

SELECT course\_main.course\_id, gradebook\_main.title,

attempt.date\_modified

FROM gradebook\_grade, course\_main, course\_users, attempt, gradebook\_main

WHERE ( (course\_main.pk1 = course\_users.crsmain\_pk1)

AND (course\_users.pk1 = gradebook\_grade.course\_users\_pk1)

AND (gradebook\_grade.pk1 = attempt.gradebook\_grade\_pk1)

AND (course\_main.pk1 = gradebook\_main.crsmain\_pk1)

AND (gradebook\_main.pk1 = gradebook\_grade.gradebook\_main\_pk1)

AND ((attempt.status = 3))

AND ((attempt.date\_modified > (sysdate-(2/24))))

)

ORDER BY attempt.date\_modified DESC

Waleed A. Hakim

e-Learning Specialist

Office of the Academic Computing

American University of Sharjah

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United Arab Emirates

Voice: +971 6 515 2148

Email: <mailto:weldin@aus.edu> weldin@aus.edu

----------------------------------------------------------

# DISK SIZE FOR A COURSE ATTACHMENTS ONLY (DROPBOX, ASSIGNMENTS, ATTACHMENTS ON POSTS AND MESSAGES) – ALL ATTACHMENTS, THIS IS EVERYTHING BUT THE CONTENT AREA

----------------------------------------------------------

Hi All,

Volker made me aware that if we have the disk\_usage filesystem

course size calculation task (batch\_du.pl) running, then the course

size which includes (dropbox, assignments, messages or forum posts with attachments...) is stored in the course\_registry table with

registry\_key='disk\_usage'. So with one query we can get the "real" course size. Thanks for the info Volker.

rf

My sample query

SELECT cm.course\_id, cr.registry\_value/1024/1024 as SIZE\_MB

FROM course\_registry cr, course\_main cm

WHERE registry\_key='disk\_usage'

and cr.crsmain\_pk1=cm.pk1

order by SIZE\_MB

----------------------------------------------------------

# DISK SIZE OF DISCUSSION BOARD POSTS WITHIN A SINGLE COURSE

----------------------------------------------------------

Date: Tue, 27 Mar 2007 22:48:39 -0400

From: Glen Parker <glparker@USF.EDU>

Subject: Re: Disk Space By Course

For the sql lovers amongst us, here are two queries, one to get the database consumption of discussion board messages of a single course,

and one for assessment/survey consumption of a single course.

-- Get size of all discussion board postings amongst all forums(groups included)

select sum(dbms\_lob.getlength(mm.msg\_text))/1024/1024 "Disc Mb"

from msg\_main mm

, forum\_main fm

, conference\_main com

, conference\_owner co

,course\_main crm

where co.owner\_pk1=crm.pk1

and crm.course\_id=<course\_id\_here>

and co.pk1=com.conference\_owner\_pk1

and fm.confmain\_pk1=com.pk1

and mm.forummain\_pk1=fm.pk1

;

----------------------------------------------------------

# DISK SIZE OF TESTS (QUESTIONS, POOLS, SURVEYS, & ANSWERS) WITHIN A SINGLE COURSE

----------------------------------------------------------

-- Get database size of test, pool, surveys, and answers

select sum(bytes)/1024/1024 "Quiz Mb" from (

select dbms\_lob.getlength(data) bytes

from qti\_asi\_data

where crsmain\_pk1=

(select pk1 from course\_main where course\_id=<course\_id\_here>)

union all

select dbms\_lob.getlength(data) bytes from qti\_result\_data

where qti\_asi\_data\_pk1 in

(select pk1 from qti\_asi\_data

where crsmain\_pk1=

(select pk1 from course\_main where course\_id=<course\_id\_here\_too>)

)

);

----------------------------------------------------------

# CHANGE DISK QUOTA FOR ALL USERS IN THE CONTENT SYSTEM

----------------------------------------------------------

I really don't think there is a command line way to do this. Provided your admin will run an sql script I think the following will do what you want

update cms\_files\_users.xyf\_files set quota=BLAH where file\_id in (select file\_id from cms\_files\_users.xyf\_urls where parent\_id=(select path\_id from cms\_files\_users.xyf\_urls where parent\_id=0));

replace BLAH with desired quota in bytes. This will change the quota on all of the top level user directories. I have tested this in Oracle, I don't know what you are running but it should work on SQLServer as well.

On Wed, Mar 28, 2007 at 11:19:46AM +0800, Michael NODDING wrote:

> Does anyone have an idea how to change the quota in the CS for all

> users?

>

> The script supplied earlier (below) changes a single user OK. I had a

> look in the ac suite manual on previous advice but couldn't find any

> command line utilities (or any reference to them in behind the bb) to

> accomplish this.

>

> Sorry to be a pain but I don't have access to the back end so would like

> to be able to supply my admin with a script he can just run - short

> staffed and all that :(

>

> Cheers

> Mike

**Attachment of course was not in the message.**

----------------------------------------------------------

# DISK SIZE (SPACE) SIZE FOR EACH COURSE IN MEGABYTES (FOR ORACLE)

----------------------------------------------------------

**-- NOT SQL below --**

the du -ks command returns the approximate size of the course from the

/usr/local/blackboard/content/vi/bb\_bb60/courses/1 directory, for example:

cd /usr/local/blackboard/content/vi/bb\_bb60/courses/1

du -ks course\_name

it returns something like this: 9709313 course\_name. The size of

course\_name is 9,709,313,000. I'd either Google du or man du, du according

to the man page is the estimate of file space usage.

Patricia Lochary

Ohio University

Bb Administrator

**-- NOT SQL above --**

Volker made me aware that if we have the disk\_usage filesystem course size calculation task (batch\_du.pl) running, then the course size which includes (dropbox, assignments, messages or forum posts with attachments...) is stored in the course\_registry table with registry\_key='disk\_usage'.

So with one query we can get the "real" course size. Thanks for the

info Volker.

rf

My sample query

SELECT cm.course\_id, cr.registry\_value/1024/1024 as SIZE\_MB

FROM course\_registry cr, course\_main cm

WHERE registry\_key='disk\_usage'

and cr.crsmain\_pk1=cm.pk1

order by SIZE\_MB

------------

I normally use with the like operator and the semester identification,

so it will count only the current semester.

e.g. ... LIKE '%Spring2007%'

----------

Date: Tue, 27 Mar 2007 19:01:02 -0400

From: Glen Parker <glparker@USF.EDU>

Subject: Re: Disk Space By Course

These queries also don't include files in the Digital Dropbox,

Attachments to Messages(not in db at all ! !) or the Content System if

you have that installed.\]

For Dropbox file, try this

SELECT sum(f.file\_size)/1024/1024

FROM files f, course\_user\_uploads cuu,

course\_users cu, course\_main cm

WHERE f.pk1=cuu.files\_pk1

AND cu.pk1=cuu.course\_users\_pk1

AND cu.crsmain\_pk1=cm.pk1

AND cuu.status\_ind in ('a','r')

AND cm.course\_id = <course\_id\_here>

;

For Messages, you have to go to the filesystem.

For Content System, consult a crystal ball.

Glen

On 3/27/07, Lauro, John <jlauro@umflint.edu> wrote:

> Nice fast checking under Oracle. Significantly quicker compared to reporting against the file system... :)

Still doesn't count database size (ie: forums and answers to assessments). (Slightly underestimates actual disk use too, but that is probably because directories are not counted and file sizes not rounded up to whole blocks).

**Minor rewrite to get a list of all courses instead of just one:**

SELECT sum(f.file\_size)/1024/1024 as SIZE\_MB, cm.course\_id

FROM files f, course\_contents\_files ccf, course\_contents cc,

course\_main cm

WHERE f.pk1=ccf.files\_pk1 AND

cc.pk1=ccf.course\_contents\_pk1 AND

cc.crsmain\_pk1=cm.pk1

group by cm.course\_id

order by SIZE\_MB;

-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@asu.edu] On Behalf Of

Ricardo Fitipaldi

Sent: Tuesday, March 27, 2007 12:47 PM

To: BBADMIN-L@asu.edu

Subject: Re: [BBADMIN-L] Disk Space By Course

I think a got this from Glen's reporting script. It is for Oracle. This will give you the DB size in of the course in megabytes.

SELECT sum(f.file\_size)/1024/1024

FROM files f, course\_contents\_files ccf, course\_contents cc, course\_main cm

WHERE f.pk1=ccf.files\_pk1

AND cc.pk1=ccf.course\_contents\_pk1

AND cc.crsmain\_pk1=cm.pk1

AND cm.course\_id = <course\_id\_here>

rf

Steven Read wrote:

> Does anybody have any reports that give disk space by course? SQL would

> be preferred but at this point I am not too finicky.

>

> Steven Read - 812/237-3362 - s-read@indstate.edu

> Indiana State University

>

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----------------------------------------------------------

# TOP USERS OF BLACKBOARD

----------------------------------------------------------

Hello E.

I just started using this to get "Top Hitters" on Blackboard, with Roles of T, P and B. I think it could be modified to sort it within SQL but I just export it and sort it by the number of "hits" in Excel.

select b.lastname, b.firstname, b.batch\_uid, COUNT (B.BATCH\_UID)

from activity\_accumulator a, users b, course\_users c, course\_main d

where a.COURSE\_PK1 = d.pk1

and b.PK1 = c.USERS\_PK1

and c.CRSMAIN\_PK1 = d.PK1

and a.USER\_PK1=b.PK1

and (c.ROLE='P' or c.ROLE='T' or c.ROLE='B')

and a.TIMESTAMP > sysdate -180

group by b.batch\_uid, b.firstname, b.lastname

James E. Altman

Academic Technologies

altman@northwestern.edu

847.467.0327

On Mar 22, 2007, at 8:24 AM, Elizabeth Yagodzinski wrote:

> Hi,

>

> I am wondering if anyone has developed SQL queries (or other

> methods) that

> they are willing to share that will return faculty usage

> information for

> specific areas of Blackboard? I am trying to determine usage of

> Blackboard

> in on-site courses in which Blackboard is not required but is

> optional for

> faculty to use for things such as posting their syllabus,

> gradebook, or

> utilizing the announcements or email functions. (All on-site

> courses are

> autmatically given a Bb shell each semester) We would like to

> determine

> which faculty members are actually utilizing Bb and to what extent

> and the

> built-in reporting features of Bb do not meet our needs.

>

> Thanks for any assistance or ideas that you can provide.

>

> E. Yagodzinski

> Instructional Designer

> Lynn University

----------------------------------------------------------

# TOP USERS OF BLACKBOARD - SORTED

----------------------------------------------------------

Date: Fri, 23 Mar 2007 20:02:25 +0200

From: Mark Lobjoit <lobjoit@ACT.EDU>

Subject: Re: Faculty Usage Statitics

James,

That's very nice. Indeed it can be sorted as follows...

Changes:

1. select ....... COUNT (B.BATCH\_UID)as hits ......

2. substitute getdate() for sysdate to translate to MSSQL if you need to

3. .... order by hits desc - sorts descending.

select b.lastname, b.firstname, b.batch\_uid, COUNT (B.BATCH\_UID)as hits from

activity\_accumulator a, users b, course\_users c, course\_main d where

a.COURSE\_PK1 = d.pk1 and b.PK1 = c.USERS\_PK1 and c.CRSMAIN\_PK1 = d.PK1 and

a.USER\_PK1=b.PK1 and (c.ROLE='P' or c.ROLE='T' or c.ROLE='B') and

a.TIMESTAMP > getdate() -180 group by b.batch\_uid, b.firstname, b.lastname

order by hits desc

----------------------------------------------------------

# SCRIPT REQUESTED TO determine which faculty members are actually utilizing Bb.

----------------------------------------------------------

E. Yagodzinski

Instructional Designer

**Lynn University**

**All on-site courses are automatically given a Bb shell** each semester. We would like to determine which faculty members are actually utilizing Bb and to what extent.

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# NOT SQL, EZPROXY BUILDING BLOCK

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Date: Thu, 22 Mar 2007 10:30:22 -0700

From: Paul Kittle <PKittle@MTSAC.EDU>

Subject: Re: auto link from course shell to e-Reserves folder

Tina - (and I tried to reply earlier to an earlier similar posted

question) we can point directly into our proprietary databases here at the library using ezproxy's building block which uses a single sign-on. This bypasses the e-reserves in Blackboard. We get the persistent link from the database article & plug the ezproxy authentication string in front of it - I am doing a workshop for the other faculty on utilizing this within their courses - the only snag is the new I.E. bouncing out the security warnings...

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# Batch deletes of the Digital Dropbox

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Date: Fri, 23 Mar 2007 09:10:36 -0400

From: William Thieke <ThiekeWS@LEMOYNE.EDU>

Subject: Re: Mass Delete of Files From Digital Dropbox

Steve,

A few years back, David Carter-Tod developed a bunch of scripts to enhance several of the functions of then Bb 5.5. One of them was a script that allowed "batch" deletes of the Digital Dropbox... It came up with a listing of items in currently in the dropbox, and you can select (using

checkboxes) which ones that you want to delete...This was A BIG help, as it ran "offline" and you could do other things while the dropbox was being cleaned out....the scripts are located at:

http://www.wcc.vccs.edu/services/blackboard/removeItems/about.html=20

Don't know if they will work in the newer versions of Bb, but they may be worth looking at....

Bill Thieke

William S. Thieke, Ph.D.

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# Provides information on all files in the Digital Dropbox for all courses.

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Date: Thu, 22 Mar 2007 14:19:12 +0000

From: Cathy Colless <cc518@YORK.AC.UK>

Subject: Re: Digital Drop Box

Hi Mark,

I don't think you can see this via the user interface.

However, if you (or a friend) have access to the database you could =

check at that level.

The information you want is in the:

upload\_date column in the=20

course\_user\_uploads table

A snippet of SQL something like this, would probably bring the facts =

out:

SELECT

ff.file\_name,

ff.link\_name,

fu.upload\_date,

fu.dtmodified,

us.user\_id,

us.email

FROM

bb\_bb60.course\_user\_uploads fu,

bb\_bb60.files ff,

bb\_bb60.users us,

bb\_bb60.course\_users cu

WHERE=20

cu.users\_pk1 =3D us.pk1

and fu.course\_users\_pk1 =3D cu.pk1

and fu.files\_pk1 =3D ff.pk1

and us.user\_id =3D 'USERNAME\_GOES\_HERE'

order by fu.upload\_date

HTH

Cathy Colless

VLE Application Manager

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http://vlesupport.york.ac.uk

=20

-----Original Message-----

From: blkbrd-l - A list for Blackboard course administrators and faculty

[mailto:BLKBRD-L@asu.edu] On Behalf Of Woodard, Mark

Sent: 22 March 2007 13:40

To: BLKBRD-L@asu.edu

Subject: Digital Drop Box

We wish to determine the 'Posted On:' date and time of a Digital Drop

Box file that has already been Submitted by a student.

Any assistance would be greatly appreciated. Thanks.

Mark Woodard

University at Buffalo

mwoodard@buffalo.edu

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# Provides information on all files in the Digital Dropbox for all courses.

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Date: Thu, 22 Mar 2007 16:03:29 -0500

From: "Resch, Robert R. - Contractor" <bob.resch@US.ARMY.MIL>

Subject: Re: Digital Drop Box (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

I modified some sql code provided by Cathy Colless (thanks, Cathy) for my MS SQL Server 2000 database. The code is shown below:

USE bb\_bb60

SELECT

cn.course\_id AS 'Course ID',

ff.file\_name AS 'File Name',

ff.link\_name AS 'Link Name',

fu.upload\_date AS 'Upload Date',

fu.dtmodified AS 'Date Modified',

us.user\_id AS 'User ID'

FROM

course\_main cn,

course\_user\_uploads fu,

files ff, users us,

course\_users cu

WHERE

cu.users\_pk1 = us.pk1

AND fu.course\_users\_pk1 = cu.pk1

AND fu.files\_pk1 = ff.pk1

AND cu.crsmain\_pk1 = cn.pk1

ORDER BY fu.upload\_date

It provides the information on all files in the Digital Dropbox for all courses. I found where students had used the DD for storing large video files and was able to clean them out using the Recycle Course tool and selecting only the Dropbox option.

Robert R. 'Bob' Resch - Contractor

Senior System Engineer, Team Advancia

Lifelong Learning Center, Fort Gordon, GA

Tel: (706) 791-2479 DSN: 780-2479

Fax: (706) 791-2753 DSN: 780-2753

E-Mail: bob.resch@us.army.mil

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# Report number of courses that have a syllabus

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-----Original Message-----

From: bbadmin-l - listserv [mailto:BBADMIN-L@ASU.EDU] On Behalf Of

Christopher Carrillo

Sent: 01 August 2007 12:17

To: BBADMIN-L@ASU.EDU

Subject: [BBADMIN-L] How many courses have a syllabus?

We have a button in each of our courses called "Syllabus".

What kind of query to the Oracle database will tell me the number of courses that have an item posted in the Syllabus content area?

Your help is very much appreciated!

Thanks,

Chris

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Christopher Carrillo

Academic Technology Services

Northeastern University

[c.carrillo@neu.edu](mailto:c.carrillo@neu.edu)

>>> Cathy Colless <cc518@YORK.AC.UK> 8/1/2007 7:41 AM >>>

Hi Chris,

You did not mention what version you are running.

We are on 7.1 and this would work on our database....

select count(distinct cm.course\_id)

from bb\_bb60.course\_contents ccm,

bb\_bb60.course\_contents cci,

bb\_bb60.course\_main cm

where ccm.crsmain\_pk1 = cm.pk1

and cci.parent\_pk1 = ccm.pk1

and ccm.position = 1

and ccm.title like '%Syllabus%.label'

Hope it helps

Cathy Colless

University of York

Email: cc518@york.ac.uk

Tel: +44 (0)1904 32 1140

<http://vlesupport.york.ac.uk>

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>>> Glen Parker <glparker@USF.EDU> 8/1/2007 7:41 AM >>>

select count(distinct(parent\_pk1))

from course\_contents

where parent\_pk1 in

(select pk1 from course\_contents

where parent\_pk1 is null

and title = 'Syllabus'

);

If you want the actual courses enumerated, this should help

select distinct(cm.course\_id)

from course\_contents cc, course\_main cm

where cc.parent\_pk1 in

(select ccb.pk1 from course\_contents ccb

where ccb.parent\_pk1 is null

and ccb.title = 'Syllabus'

)

and cm.pk1=cc.crsmain\_pk1

;

On 8/1/07, Glen Parker <glparker@usf.edu> wrote:

> When you say "button" are you refering to a Menu Item on the left with

> the title "Syllabus". That is, a top level folder titles Syllabus?

>

> Glen