



To: Distribution

From: Stephen Smith, Technical Writer

Thru: Ernestine Bryant, STOrage and RETrieval (STORET), Project Manager (PjM),
Solutions Delivery Center (SDC)

Subject: Minutes of STORET Change Control Board (CCB) Meeting

1.0 Purpose

A CCB Meeting was held on July 13, 2005 at the SDC. The purpose of the meeting was to review and address the status of current project activities, resolve project issues, and ensure that activities are within the scope of the Job Assignment (JA).

2.0 Attendees

Bryant, Ernestine - Project Manager
Christian, Kevin - Job Assignment Manager
Smith, Stephen
Thadkamalla, Ganesh

3.0 Discussion Topics

- Action Items.
- Central Warehouse.
- Report Module.

3.1 Introduction

Attendees opened the meeting with a summary of project activities and a status of open action items. The Software Incident Report (SIR) Log (Attachment A) and User Support Log (Attachment B) are included as deliverables with these CCB Minutes.

3.2 Central Warehouse

Batch and deferred processing for data requests was discussed and the following decisions made:

- Display process status in capital letters in the subject of the email.
- Initiate Batch processing once per day. The time will be determined by a variable in dw_glob_var.
- Email notification of pending jobs will be sent daily and include all pending jobs for previous days.
- Add a procedure to sequentially run one or more job requests identified by request_id.
- Add a pickup page to provide a secondary download retrieval mechanism.

A new SIR was created to add the concatenated Activity Category and Replicate Number column to the Central Warehouse Habitat Assessment download as implemented for Regular and Biological downloads.

3.3 Report Module

The task to create Report Module exports to match the default Central Warehouse download columns were discussed and the following decisions made:

- Minor alterations of existing exports would not satisfy the requirement; new exports will be created.
- The names for the exports were established as follows:
 - Station Summary Export (Web Default).
 - Results Physical/Chemical Export (Web Default).
 - Results Biological Export (Web Default).
 - Results Habitat Assessment Export (Web Default).
- Result exports will have a hierarchical sort from Organization to Activity and Replicate Number.
- Filtering of data as performed by the Extract Transform, and Load (ETL) process of the Central Warehouse will not be incorporated.

Creating Report Module exports to match the default Central Warehouse download columns would create a maintenance dependency between the two systems.

The Report Module installation will be modified to automatically copy report module files to the default STORET v2.0 installation location. The comdlg32.ocx file copy to the operating system will remain a manual process.

4.0 Action Item Summary

Action items and their status are as follows:

Number	Action Item	Assignment	Date Issued	Status	Date Completed
0001	Research VB.NET capabilities and provide response.	B. Norris	06/02/2004	Closed	09/08/2004
0002	Provide STORET team with copy of Dasler software.	B. King	06/02/2004	Closed	08/25/2004
0003	Provide BEACHES program with STORET architecture information (e.g., Entity Relationship Diagram, data definitions).	J. Wilson	06/28/2004	Closed	07/28/2004
0004	Run Extract, Transform, and Load (ETL) software week of July 12 th .	J. Wilson	06/28/2004	Closed	07/28/2004
0005	Provide copy of email discussing required changes to implement Uniform Resource Locator (URL) encoding for the Station Home Page.	B. Norris	06/14/2004	Closed	08/06/2004
0006	Send Report Module v2.0.3 deliverable.	S. Smith	07/28/2004	Closed	07/28/2004
0007	Include scripts to remove orphaned rows and nullify type_name column in TSRCHALS for next reference table upgrade.	L. Manning	07/28/2004	Closed	08/23/2004
0008	Investigate Integrated Taxonomic Information System (ITIS) data acquisition and supplementary data processing.	L. Manning	07/28/2004	Closed	01/12/2005
0009	Examine Native American Land (NAL) data for compliance to the Environmental Data Registry (EDR).	B. Norris	08/23/2004	Closed	09/08/2004
0010	Review structure of TSMNAICS table to see if it was expanded from its original source.	S. Smith	08/23/2004	Closed	09/08/2004
0011	Send Data Entry Module v2.0.1 deliverable.	S. Smith	09/08/2004	Closed	09/08/2004
0012	Prepare Entity Relationship Diagrams of the Central Warehouse and STORET Database for the National Conference.	B. Norris	10/8/2004	Closed	12/01/2004

Number	Action Item	Assignment	Date Issued	Status	Date Completed
0013	Prepare graphs showing results converted to target units for possible use at the National Conference.	S. Smith	10/08/2004	Closed	10/21/2004
0014	Email URL to access STORET Station Home Page and Extensible Markup Language (XML) stream to B. King.	B. Norris	12/01/2004	Closed	12/02/2004
0015	Update BLOBs on preformatted reports matrix for review at next CCB.	S. Smith	12/01/2004	Closed	12/16/2004
0016	Aggregate pertinent Reference Table SIRs for review and disposition.	S. Smith	01/12/2005	Closed	03/03/2005
0017	Schedule ITIS data load meeting.	E. Bryant	01/12/2005	Closed	02/16/2005
0018	Provide Practical Extraction and Report Language (PERL) and Statistical Analysis System (SAS) programs supporting ITIS data load to SDC.	L. Manning	01/12/2005	Closed	02/16/2005
0019	Add a comment to the ALL_TAB_COMMENTS view identifying the full name of each STORET and STORET1 table.	K. Christian	02/16/2005	Closed	05/04/2005
0020	Provide L. Manning a report of duplicate Display Names and Taxon Serial Numbers found in ITIS data.	G. Thadkamalla	03/23/2005	Closed	04/07/2005
0021	Send duplicate Taxon Serial Numbers found in data during development to L. Manning when duplicates are identified as Approved.	G. Thadkamalla	04/07/2005	Closed	04/21/2005
0022	Send duplicate display names to L. Manning when duplicates are within the same hierarchical branch.	G. Thadkamalla	04/07/2005	Closed	04/26/2005
0023	Provide rules and conditions for ITIS comment information extraction.	L. Manning	04/07/2005	Closed	04/26/2005
0024	Provide Report Module User Guide with Document/Graphic retrieval description.	S. Smith	04/21/2005	Closed	04/22/2005
0025	Provide list of display names truncated by the Taxonomy Update Utility.	G. Thadkamalla	05/17/2005	Closed	05/17/2005
0026	Check on availability of DBMS_JOB package in production environment.	K. Christian	07/13/2005	Open	

5.0 Next Meeting

The next meeting was scheduled for August 17, 2005.

6.0 Distribution

Name	Email
Bryant, Ernestine	
Christian, Kevin	Christian.Kevin@epamail.epa.gov
McElhinney, Cary	Mcelhinney.Cary@epa.gov
Szajgin, Tracey	
Wilson, Joseph	Wilson.Joe@epamail.epa.gov

7.0 Approval of Minutes

Kevin Christian
Job Assignment Manager

Date

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ATTACHMENT A

Software Incident Report Log

Software Incident Reports Since Last CCB - Period: 06/22/2005 - 07/12/2005			
System Version	Date Initiated	SIR Number	Description
P2.0.3	06 22 2005	1711	Review and update as necessary the installation documentation with comments received from EPA on the typical (i.e., WISE driven) installation.

Legend for System Version:
System Letter is concatenated with Version Number. System Letter Key:
P = Data Entry Module

ATTACHMENT B

User Support Log

User Support Log - Period: 06/22/2005 -07/12/2005			
Date Received	System Version	Issue	Response
6/23/05	P2.0	User is trying to redirect the associations of a Station to existing Station Visits/Activities/Results via direct database manipulation/scripts. User reported that it appeared the table TSRTSA is no longer used in version 2.0 by the Data Entry Module, but the Report Module seems to use this table for some reports. Inquired as to when Report Module dependency on TSRTSA would be rectified.	<p>TSRTSA is not an obsolete table and is still an intrinsic part of the STORET data model. TSRTSA is updated and maintained by the Data Entry Module when adding Station Visits to Trips. The difference noted by the user from previous STORET versions is that this area of the interface was streamlined to create TSRTSA rows behind the scenes when Station Visits are created. The appearance of the "switched" Station to associated data (e.g., Activities) in the Data Entry Module is more of a data loophole than an intentional change in the model. The Report Module is working correctly according to the data model. The Report Module reports are often used for QC purposes to detect such anomalies in data.</p> <p>In addition to updating TSRSTVST.TSMSTATN_IS_NUMBER, I suggest:</p> <ul style="list-style-type: none"> • Creating a new row in TSRTSA. • Updating Project Station Assignment through Data Entry Module, and related information such as Project Station Weighting, Project Station Roles, if present. <p>TSMEISN should be OK as the Station was added with the Data Entry Module. TSRSTVST.TSMSTATN_ORG_ID, and related ORG columns should be OK as it appears to be the same Organization.</p> <p>Tried re-creating the user actions to help determine impacts. There still may be some unforeseen issues somewhere in the STORET systems. Can not give a 100% OK, but it seems workable.</p>

User Support Log - Period: 06/22/2005 -07/12/2005			
Date Received	System Version	Issue	Response
7/6/05	P2.0	<p>Information was requested for the STORET v2.0 release.</p> <ul style="list-style-type: none"> • Operating System of exporting computer. • Database version of export. • Data dictionary version of export (if Oracle 9i). • Version of export utility. • Database character set. • NLS_LANG for account used to export database. • Export parameters. 	<ul style="list-style-type: none"> • Operating System of exporting computer: Windows NT Service Pack 4. • Database version of export: Personal Oracle8i Release 8.1.7.0.0. • Version of export utility: 8.1.7. • Database character set: WE8ISO8859P1. • NLS_LANG for account used to export database: WE8ISO8859P1. • Export parameters: <ul style="list-style-type: none"> - owner=STORET,STORET1,STORUSER. - grants=y. - indexes=y. - rows=y. - constraints=y. <p>The same storet.dmp file for installation of the STORET database was used on both Oracle 8i and Oracle 9i.</p>

User Support Log - Period: 06/22/2005 -07/12/2005			
Date Received	System Version	Issue	Response
7/8/05	C2.0.4	<p>Research Triangle Park (RTP) has attempted some preliminary migration efforts to a UNIX AIX Platform Database Instance. When configuring the Data Access Descriptor (DAD) and STORET Warehouse Procedures, the Download page for final data retrieval is inaccessible.</p> <p>Any Recommendations to what has yet to be configured or migrated will help.</p>	<p>The variable mismatch message may seem inappropriate. Recompile all invalid procedures or compile all application procedures from scripts using the latest deliverable C2.0.4.</p> <p>The following parameter/variable values should point to same directory.</p> <ul style="list-style-type: none"> • dw_glob_var package variables. <ul style="list-style-type: none"> - lv_iodir. - lv_download_path. • Initialization parameter. <ul style="list-style-type: none"> - utl_file_dir should include the directory used for the variables above. <p>If the path and command for copy and gzip (compress) is not as follows, then make changes to DW_station_download_zip.sql script.</p> <ul style="list-style-type: none"> • /bin/cp -p. • /bin/gzip. <p>The following lines in DW_station_download_zip.sql need to be modified for above changes.</p> <ul style="list-style-type: none"> • v_zip_rc := execmd('/bin/cp -p ' DW_glob_var.lv_iodir v_file_name '.txt ' DW_glob_var.lv_iodir v_file_name '-2.txt'); • v_zip_rc := execmd('/bin/gzip ' DW_glob_var.lv_iodir v_file_name '-2.txt');

Legend for System Version:
System Letter is concatenated with Version Number. System Letter Key:
C = Central Warehouse, P = Data Entry Module