

**DATA Project
Progress Review
July 2009**

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July DATA Project Progress Review

1 Executive Summary

Baron Rodriguez and Mickey Garrison attended the IES Data Conference in Bethesda, Maryland on July 29-31. They made a presentation about the Oregon DATA Project that was well received. They have had multiple states request additional information. The Oregon DATA Project continues to draw attention from other states attempting similar work. Baron and Mickey were joined at the conference by Doug Kosty, Assistant Superintendent ODE, and Jim Harrington, CIO for Hillsboro School District.

The Technical Training Components continue to go through adjustment and revision. After taping Component 1: The Need for Data Quality, the scope of the presentation was narrowed and fine-tuned. The revised presentation contains complete presenter notes which will allow anyone to make the same presentation thus maintaining fidelity of the implementation. A taping session has been scheduled for the first part of August.

The Component 2: Building a Culture of Data Quality which was piloted in 3 districts last spring is being translated into specific activities and resources which will be shared during the training sessions scheduled for October and November 2009.

Individual districts have been making requests to use the Instructional Strand Pre/Post assessment surveys with their entire staff thus giving a clearer picture of where the district is in terms of using data to drive student learning and achievement. Slight modification in the survey process will be made to allow for this kind of data gathering and analysis.

Videos of Strand 2 and Strand 3 Instructional have been created. The Strand 2 video training page of the Project's webpage went live during the month of July. Input from the field is being gathered to ensure maximum compatibility with end users. Strand 3 training videos are in the final stages of being posted to the website.

2 Summary of Progress for the month of July 2009

2.1 Review of Activities and Outputs

2.1.1 Project Related Meetings

- SLDS conference call – July 9
- IES Data Conference presentation – July 29-31

2.1.2 Project Tasks – Completed

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2.1.3 Project Tasks – In Progress

- Technical Training Component 1: The Need for Data Quality was redesigned after the initial taping was reviewed. As a result a much tighter presentation has been created and will be taped in early August.

3 Planned Activities for August 2009

3.1 Project Meetings/Activities

- Re-taping of the newly designed Technical Training Component 1
- Superintendent's Summer Institute – Aug 3-5

3.2 Project Tasks

- SLDS written report August 13

4 Attachments

4.1 Bi-Weekly Report 7/3/09

STATUS REPORT	Status: Green [X] Red [] Yellow []		
	Cause: Time [] Scope [] Quality []		
Date covered:	<i>June 19 – July 3, 2009</i>		
Project Name:	<i>DATA Grant</i>		
Project Manager:	<i>Ron Hoppes</i>	Project Director:	<i>Baron Rodriguez</i>
Milestones-Activity Since Last Report (progress/outcomes & problems):			
❖ <i>An initial description of the responsibilities and purpose of an oversight committee/clearinghouse committee has been drafted. An initial list of invitees has been identified. We will send the document and an invitation to participate in August.</i>			
Next Period Milestones/Activities (high level outline of how you will get from A-Z)::			
❖ <i>Completion of the re-tape of “The Need for Data Quality” presentation.</i>			
Challenges/ Obstacles:		Challenges/ Obstacles Mitigation:	
Comments Next status report due July 17, 2009			

4.2 Bi-Weekly Report 7/17/09

STATUS REPORT	Status: Green [X] Red [] Yellow []		
	Cause: Time [] Scope [] Quality []		
Date covered:	<i>July 4 – July 17, 2009</i>		
Project Name:	<i>DATA Grant</i>		
Project Manager:	<i>Ron Hoppes</i>	Project Director:	<i>Baron Rodriguez</i>
Milestones-Activity Since Last Report (progress/outcomes & problems):			
❖ <i>Due to calendar conflicts the re-taping of “The Need for Data Quality” is scheduled for July 23.</i>			
❖ <i>Work has begun on the construction of materials to be used in the Fall training on “Creating a Culture of Data Quality”.</i>			
❖ <i>Training flyers were handed out at the quarterly meeting of the IT Directors who met in Salem on July 10.</i>			
Next Period Milestones/Activities (high level outline of how you will get from A-Z)::			
❖ <i>The basic format for training materials will be finalized.</i>			
Challenges/ Obstacles:		Challenges/ Obstacles Mitigation:	

Comments	
Next status report due July 31, 2009	

4.3 Bi-Weekly Report 7/17/09

STATUS REPORT	Status: Green <input checked="" type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/>		
	Cause: Time <input type="checkbox"/> Scope <input type="checkbox"/> Quality <input type="checkbox"/>		
Date covered:	<i>July 18 – July 31, 2009</i>		
Project Name:	<i>DATA Grant</i>		
Project Manager:	<i>Ron Hoppes</i>	Project Director:	<i>Baron Rodriguez</i>
Milestones-Activity Since Last Report (<i>progress/outcomes & problems</i>):			
<ul style="list-style-type: none"> ❖ <i>Completed a new taped version of The Need for Data Quality. The presentation underwent major revision and improvement (shortened and modified) during the taping.</i> ❖ <i>As a result of the above improvements, the training modules need to be modified so they consistently flow with the new format.</i> 			
Next Period Milestones/Activities (<i>high level outline of how you will get from A-Z</i>):			
<ul style="list-style-type: none"> ❖ <i>The basic format for training materials will be finalized.</i> ❖ <i>Will send out invitations to create the Tools and Documents for Data Quality Clearing House Committee – Part of Component 3 of the Technical Training.</i> 			
Challenges/ Obstacles:		Challenges/ Obstacles Mitigation:	
Comments			
Next status report due August 14, 2009			

4.4 SLDS May Status Report 7/9/09

SLDS MONTHLY STATUS NOTES

STATE: OREGON

DATE: THURSDAY, JULY 9, 2009

FROM: ELEANOR WANG

CALL-IN # (866) 469-3239, attendee code 80224421#

NOTE: Please remember to include both Kashka Kubzdela (Kashka.Kubzdela@ed.gov) and Eleanor Wang (Eleanor.Wang@ed.gov) in your SLDS related correspondence.

ATTENDING: Ron Hoppes, Baron Rodriguez, Mickey Garrison, Dennis Boston, Megan Monson (ODE); Kashka Kubzdela (NCES); Eleanor Wang (KGS)

ACTION ITEM STATUS:

DOCUMENTS PROVIDED DURING CALL: N/A

QUESTIONS/COMMENTS:

Baron Rodriguez has accepted a position with the Data Quality Campaign. His last day at ODE is scheduled for 8/31/09.

NOTES:

**Written updates provided by the Oregon Department of Education (ODE) are the basis for this section.*

1. Professional Development – Instructional Strand 2

Updates:

Strand 3 video segments are near completion and will have better quality resolution!

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Update:

Have Strand 2 & 3 segments posted by August 2009 allowing school teams access at the beginning of the 09-10 school year. Will provide DVD to districts of Strand 2 & 3 training upon request. This is especially important for small districts that have limited band width.

2. Professional Development - Strand 3

Updates:

Beginning work on combining Strands 1& 2. Strand 2 provides the strategies & techniques that are needed to analyze data at the district & building level.

Challenges/Obstacles & Areas Needing Improvement:

Discussing how to best use the pre-assessments for Stands 1 & 2.

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Update.

3. Professional Development – Implementation RFP

Updates:

The “implementation” RFP allowing districts within the three major regions of Oregon to go deep with the training from both the instructional & technical strands has gone to procurement.

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Update.

4. Professional Development – Sustainability RFP

Updates:

The “sustainability” RFP providing ESDs with support to sustain the work begun from the statewide roll-out has gone to procurement.

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Update

5. Instructional Strands – Evaluation

Updates:

Beginning work on an “on-site” observation tool that reliability & validity will be established in the implementation sites (i.e., western, central & eastern Oregon).

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Update:

6. Technical Training Strands

Updates:

Component 1: The Need for Data Quality

After reviewing the final edited video tape of this component, we have decided to do a complete new re-tape with a more professional backdrop and lighting. This work is planned to be done during July.

Component3: Tools and Documents for Data Quality

An initial description of and purpose for a clearinghouse committee has been drafted. It will be sent to an initial invitee list in August.

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Phone Call:

Complete the re-taping of the Component 1 presentation.

7. KIDS Program, Phase III Project

Updates:

VersiFit's Formal Project Plan and Detailed Specifications Documents have been accepted.

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

All planning and design documents have been completed

Expected Accomplishments by Next Monthly Phone Call:

8. KIDS Program – Work Package #2 – Metadata Global Model

Updates:

One of the overarching objectives of phase III of the KIDS Program is to create a framework for improved data quality and visibility of the business rules and data issues. The metadata in the KIDS II pilot addressed the most gross requirements in terms of data quality but are not nearly comprehensive enough to support the full range of metadata requirements. Additionally, technology changes (in modeling software and likely in presentation layer) will mandate changes to what was done in phase II. In order to accomplish these objectives an expanded metadata repository will need to be developed and related data elements added to all the KIDS data models (Staging, ODS and DW). Since these are global changes (all tables in all models will be revised) we will maximize our efficiency by making a number of other data model changes at this point which are also global in scope (will affect all or most entities).

User interface applications to administer and view the new metadata will also be a part of this work package. VersiFit will participate in the design of these user interfaces but the development will be handled completely by the KIDS team.

Work continues on loading the data from the transactional and KIDS systems. Once the data is loaded, the ETLs will be updated to fully utilize the loaded data

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

ODE now has a single Metadata Repository that can be used by both the transactional systems and the KIDS Program.

Expected Accomplishments by Next Monthly Phone Call:

Detailed work will be nearly completed and the team will be preparing for Unit and Interim System testing

9. KIDS Program – Work Package #3 – Global Extract Enhancements

Updates:

In work package 02 a number of data elements were added to all of the KIDS data models to provide for increased metadata, visibility of lineage to support data quality issue resolution and to improve the performance and robustness of the daily loading process. Several of these additions will require changes to the KIDS Regional extract files (to provide additional lineage data, change data for incremental processing, etc. The extracts must also be revised to leverage the improved crosswalk metadata (pushed to the Regional sites in work package 02) and the extract version information to the enhanced validation routines (to be developed in work package 04). VersiFit will, along with the KIDS team, work closely with the Regional sites to implement the required changes initially in a development environment (later in phase 3 of the KIDS program these will be promoted to a production environment). There will be additional, subsequent revisions to the Regional extracts which are focused in nature. The revisions designed and implemented in this work package will be more fundamental and global (impacting all extracts) in scope.

The regional data warehouses have been advised of the work that will need to be completed on the extracts. VersiFit will be completing and documenting the work for 5 of the 6 regional warehouses. Linn-Benton-Lincoln is considering doing the work themselves as long as they can meet the project deadlines. If they are unable to, VersiFit will work on LBLs as well.

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Phone Call:

Detailed work will be nearly completed and the team will be preparing for Unit and Interim System testing

10. KIDS Program – Work Package #4 – Global ETL Enhancements

Updates:

The fundamental metadata and data element changes implemented in the data model and regional extracts in work packages 02 and 03 will need to be implemented in every one of the KIDS staging procedures. These changes are global in scope and will build upon the enhanced framework for the ETL that was established in work package 01. Every ETL procedure will need to be revised to always use the keymap data structures (to support ETL restarts), to read and write to the new metadata structures (implementing a period-sensitive-validation as well as exemplary business rule validations) and to propagate the new data elements for lineage (local source key values) and metadata (versions of rules used). Because every ETL procedure will be revised in this work package we will also add the Calendar dimension to the ODS and will revise the Institutions dimension to include an annual granularity.

Critical in this package will be to finish the implementation of the incremental ETL feature whose foundation was laid in the prior three work packages. The net change metadata and net-change capable extracts will need to be implemented in the Staging and ODS ETL procedures and tested and the necessary tuning done to meet the desired daily ETL performance objectives. Incremental loading of the data warehouse (DW) may or may not be required dependent upon the gains made from the other steps in the nightly processing.

Challenges/Obstacles & Areas Needing Improvement:

Breakthroughs/Victories:

Expected Accomplishments by Next Monthly Phone Call:

Detailed work will be nearly completed and the team will be preparing for Unit and Interim System testing

NEXT UPDATE: Thursday, August 13, 2009 11:00 am (ET)