



Maintaining a Healthy SASIxp™ Environment

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Objectives:

- Talk about SASIxp Files
- Database info
- Archiving Data
- SASIxp Utilities that make your life easier
- Other features (DI Related)

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Files

- Qualified files
 - Student related – Can move between sites
 - New each year
 - Four character filename & last digit from start of school year & school number from School Setup

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Files

- Non-Qualified files
 - Unique to each SASIxp instance
 - Don't change from year to year
 - Four character filename
 - Not transferred as part of DI

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Files

- Temporary Files are created when:
 - Reorganize files
 - Run update processes
 - Grading
 - Scan Sheets
 - Course History
 - Upgrade SASIxp

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Files

- Temporary Files are named:
 - Qualified files the year changes to a letter. Each year is a letter starting with 0-A, 1-B, 2-C, etc.
 - Non-Qualified files append a "Z" to the end.
 - Can appear as *.tmp in Datafile Folder

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Files

- What to do with Temp Files?
 - If you get message that SAS1xp cannot create required temporary file, delete temp files
 - Waste of space- -often doubles the size of your datafile folder

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Files

- - Which is which?
 - Query ADF1 for filenames
 - ADF1 Filecode Desc Qualified
- Common Names:
 - AXXX SAS1xp DataFiles
 - SXXX State specific File
 - CXXX ABACUSxp Datafiles

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Data Base

- Default database is DBase IV.
Dbase IV files need some maintenance to stay in top shape.
- The data files are composed of Data files (*.dbf), index files (*.mdx), and memo files (*.dbt).

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Data Base

- Other options:
 - Oracle
 - Microsoft SQL Server
 - DB2
- Advantages:
 - Security
 - Scalability
 - Speed
- Disadvantages:
 - Cost
 - DBA

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Archiving Files

- CD ROM
 - Hold about 650 Megs of data
 - Place all program and datafiles, including State Reporting extracts on CD
 - Remove passwords or make standard
 - Cheap, reliable storage
 - NOTE – that image may need to be refreshed

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Archiving Files

- DVD-Writer
 - Type of ROM that holds 3 times the data of CD-R
 - Place all program and datafiles, including State Reporting extracts on DVD
 - Remove passwords or make standard
 - Cheap, reliable storage
 - *** note – that image may need to be refreshed***

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Archiving Files

- Data Warehouse (Outside of SASIxp)
 - Selected information (outside app)
 - Allows online access of data in central format
 - Easier interaction with 3rd party programs for statistical analysis -- Web Front Ends
 - Blend many systems together into one place!

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SASIxp Utilities

- ReOrgSH.exe
 - Reorganizes files that normally cannot be reorganized
 - Can fix User desktops
 - Choose which files to reorganize
 - External to SASIxp, Still need to have exclusive use of the system

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SASIxp Utilities

- Master Atom (ASH7, ASMG)
 - Updates the SASI Modules Globe listing
 - Always is run when you update SASIxp
 - If having a problem with Atoms coming or going, run Master Atom to help correct

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SASIXp Utilities

- Make Desktop (ASH8)
 - Rebuilds desktop files for all users
 - Runs whenever you update SASIXp
 - Run this whenever you run Master Atom
 - Can fix corrupt desktop files for users

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SASIXp Utilities

- Merge Def
 - Used to update structures for the files
 - Mostly used by Pearson Education Technologies when sending updates
 - Needs to have filesnew.dbf in the datafile folder
 - Will convert filesnew.* to files.* and files.* to filesold.*

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SASIXp Utilities

- Check and Convert
 - Used to check file conversion to make sure that all files were updated
 - Will update any files that are not correct
 - Will not delete fields from file definitions only add
 - Not typically run unless problem present
 - Needs to have Filesold.dbf in Datafile Folder
 - *** Great tool for pushing changes out to all sites ***

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SAS1xp Utilities

- Merge Tables
 - DOES NOT RUN AUTOMATICALLY with SAS1xp updates
 - Adds new tables when upgrading SAS1xp
 - Uses the ATBL0000.dbf from the Templates Folder
 - Only runs for a single year. Year Logged into.

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SAS1xp Utilities

- Mover
 - Add line *UseSeparateDatafileFolders = True* to ini file
 - Run the mover atom to sort datafile folder into qualified datafile folders at site or district office
 - Setting SAS1xp.ini to False and re-run will restore
 - Great tool for sorting files prior to archiving

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Other Features (DI Related)

- Transaction Monitor
 - Version 5.0 / 5.5
 - SHOULD NOT be separate, Each Task Server can act as it's own
- Site Task Server
 - 5.5
 - Part of Auto Upgrade

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Things to watch for:

- Next ID atom--You should reset ids that are high like ASHG ASHA (SASI does not do well with high ids)
 - Usually Scan sheets that are printed weekly or bi-weekly
- Corrupt index files
- Query files to look for data quality problems
- Reorganize files when printing out of order

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Things to watch for:

- Network problems that appear to be SASIxp issues.
 - People are in SASIxp all day
 - Networks often cause delays of program to appear slow.
 - Illegal operations that happen on network often will not happen on stand alone installation
 - Client Software may cause problems

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Things to watch for:

- Patches for the Operating System
 - Windows and Macintosh have many patches
 - Win2000 – SP4
 - Win NT 4.0 – SP5 or SP6a ** End of life by Microsoft
 - MS-SQL 7 – SP3
 - MS-SQL 2000 – SP3
 - Oracle
 - <http://www.oracle.com>
 - Apple
 - <http://www.apple.com>

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