

The Exchange Network and Load Automation

2010 AQS Users Conference

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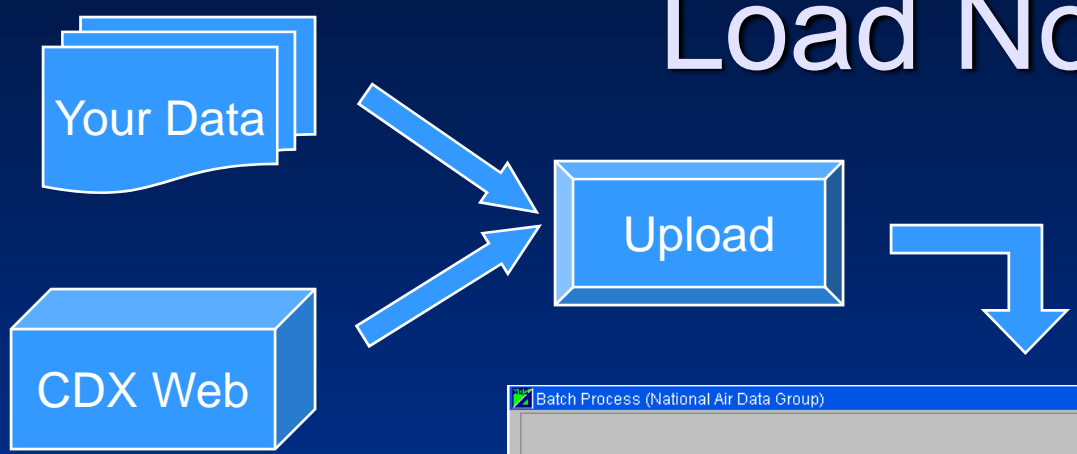


Background

- We've been talking about the Exchange Network (EN) for a long time, now
- All other mechanisms of submission will go away at end of 2012
 - All submissions must be from a “node”
 - Your own node
 - Web node (DIFFERENT from CDX, but similar)
 - All submissions must be in XML
 - For grantees at least
- Why? Because you asked for it (via ECOS / grants)
- 50 states and 21 tribes have received data flow grants
- Goal of talk – tell you our initial plans and get feedback



Load Now



Batch Process (National Air Data Group)

Files from CDX ready to Load:

File Date	File Name	Status

Refresh CDX

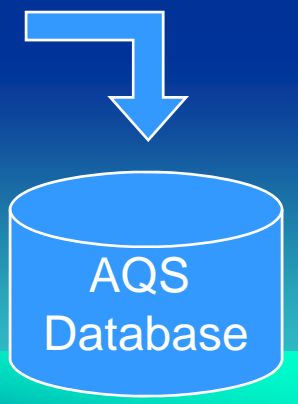
Session Date	Oracle User Id	Session Status	Job Type	File Name
20100503 14:44	GSJ	ERROR	FILE	3Q2009_Correct.txt
20100503 08:39	RCG	COMPLETED	FILE	do_nothing.txt
20100430 11:23	JNZ	ERROR	ST_TABLES	
20100430 10:21	JNZ	ERROR	ST_TABLES	
20100430 09:49	JNZ	ERROR	ST_TABLES	
20100429 14:09	JNZ	ERROR	ST_TABLES	

Refresh Cancel Session

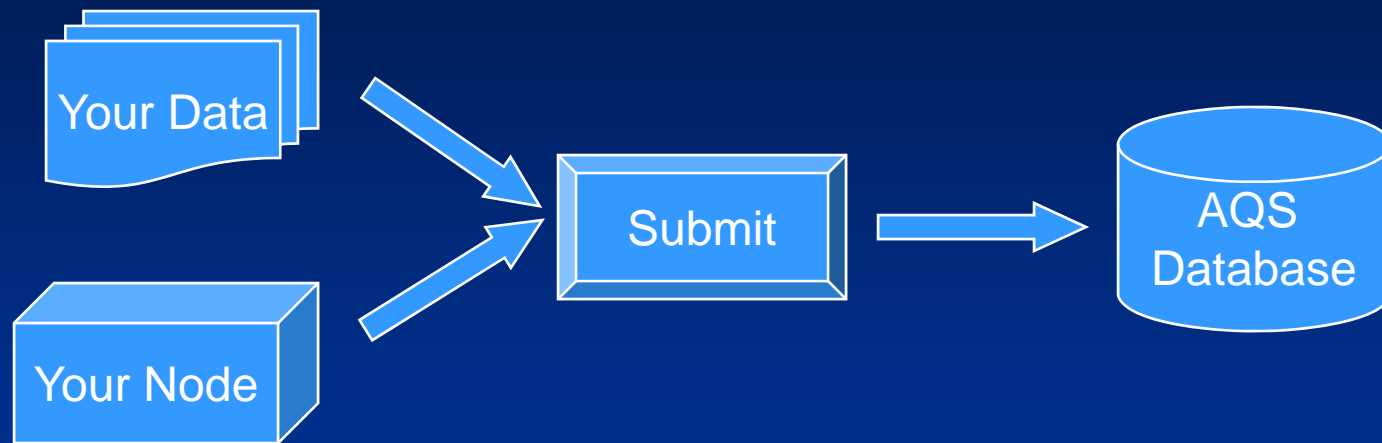
Batch Jobs

CDX Load File Submit Correct Data Stats CR Post

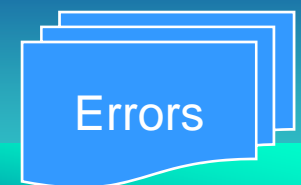
Edit Load Reports Edit Error Reports Search Reports Evaluation Reports Inventory



Load In the Future



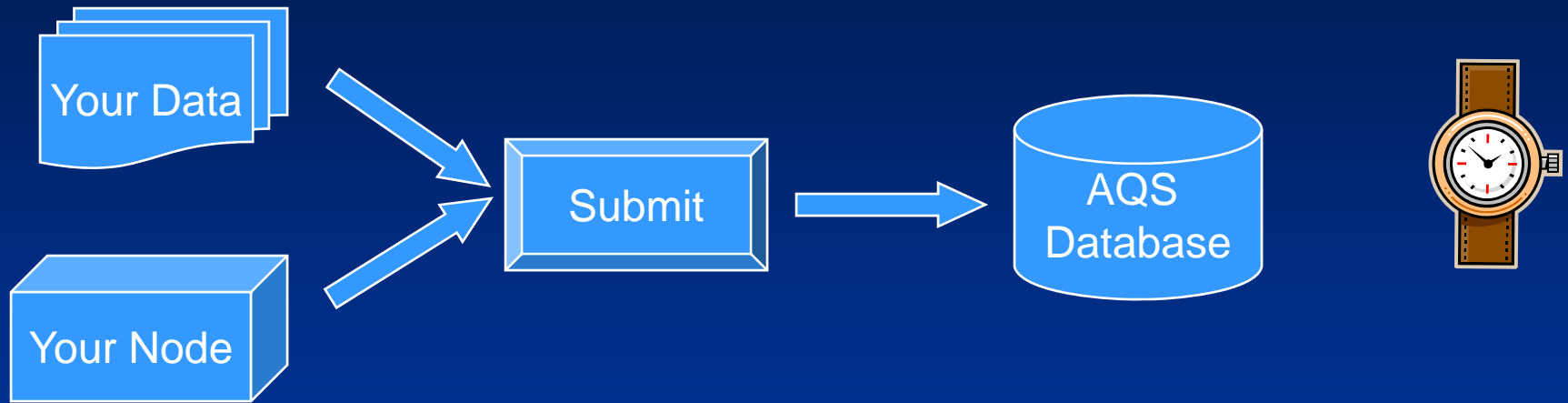
- If there are no errors
- Same processes will happen, just automatically
 - Load, Stat CR, and Post
- If there are errors, the file will be stopped(??) and the errors will be sent back to the submitting node



How Can You Help Yourself?

- Strive for error free files
- 2010 Q1
 - 7,534 batch file loads
 - 2,450 (33%) with errors. In 2006: 34%
 - 209,215 raw data records in error
 - 5,703 other records (composite, site, P&A)
 - Most common errors (by far; 88%)
 - Data already exists for monitor and date/time
 - Monitor not in database / inactive
 - 90 files were XML

Load In the Future



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