IWIS3 in PostgreSQL

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ICIS workshop in SPARC (Swift Current), June 2007

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IWIS3 in PostgreSQL

- Because of size of the GMS and DMS databases in IWIS, I made the decision to do a preliminary development of implementing IWIS to ICIS conversion in PostgreSQL in spring 2006

- Character coding (for instance for Ñ) was implemented

- Scripts were developed for both extraction from SQL server and for definition of table structures and upload of data into PostgreSQL

- But Graham likes Access ...

- We found fields and encodings that were unnecessary from my original conversion design because they were represented already in other fields

- With reduction of size we could manage to overcome the size limit of Access of 2 Gb per database, thus continued development of an IWIS3 implementation was made in Access

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IWIS3 in PostgreSQL

- Access has a nice graphical query engine, but the size limitation persists ...

- PosgreSQL proved to be a very well documented and smoothly running database

- Triggers and constraints, character encoding, cache of running queries, stored procedures, multiple lines scripts (Access gives you 1 line) are some of the features that makes PostgreSQL my preferred choice over MySQL and other potential databases if/when we want to shift from Access

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