IBM Lotus Domino 7 Meets IBM DB2

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Who am I?

ADMIN 2004 DEVELOPER

Andrew Pollack

- Principal, Northern Collaborative Technologies
- Certified with Lotus Notes since version 2
- IBM Lotus Beacon Award
 - ☐ Finalist in 1999, Winner in 2003
- Author of NCT Search for Lotus Domino
- □ Proud member of the The Penumbra Group
- □ Firefighter When not driving a keyboard, I drive the big red truck

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About this Presentation



- This is an exploration of specific features, its deep and focused, not a general overview
- ☐ Focus is on what's Important about DB2
 Integration with Domino 7
 - What IBM says is Important
 - What I think is import
- ☐ Created in August based on "Milestone 2"
 - Updates are likely, and will be posted
 - BASED ON BETA Things WILL change
- ☐ I try to put the 'meat' on the slides, in this case, the is a lot of demo as well

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The Obligatory Commercial



- Most of the speakers at this conference are available to help you!
 - That's the real reason we do this

If this was TIVO I could fast forward...

- Real experts guarantee results
- Catch up with me during the conference if you want expert help



Maior Release

Now, on with the show...

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IBM want Domino and DB2 closely coupled



- Customers are asking for it.
 - Major investment in DB2 already
 - Prospect of a single data storage farm
- Leverage between products increases revenue and overall market share
- In the future, performance and scale
 - Domino 7 with DB2 8 is just a start
 - DB2 is evolving toward more non traditional data structures like XML and Rich Data
 - As the technology improves, scale and performance will eventually outstrip the limits of a local NSF file on disk

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So Do Developers

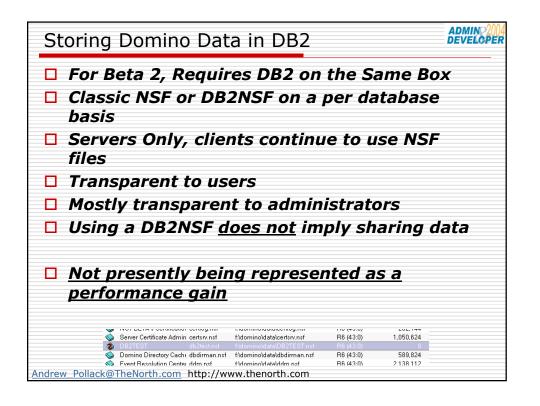


- ☐ It grants some long standing Domino programmer wish list items
 - Live Views of Relational Data
 - Single Views with Data from Multiple Databases
 - View indexes generated on the fly based on changing selection criteria
 - @Username
 - Current Time
 - □ Specific Keyword Choice

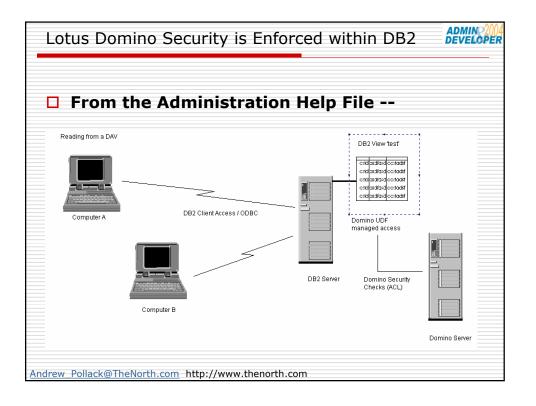
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What do you get with DB2 Integration Store Domino Data within DB2 Controlled Access to Specific Domino Data from DB2 Applications Create a Notes view of DB2 Data Using DB2 to store your Lotus Domino database does not automatically make the data open to other DB2 applications!

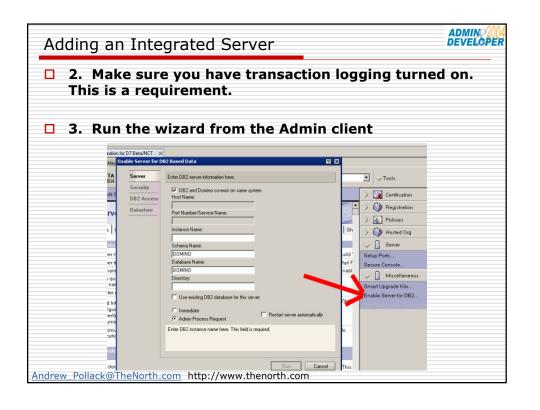
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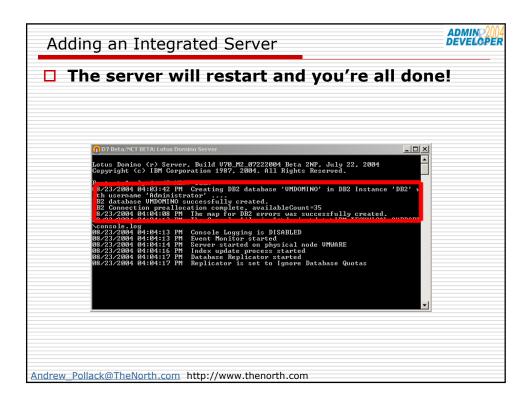


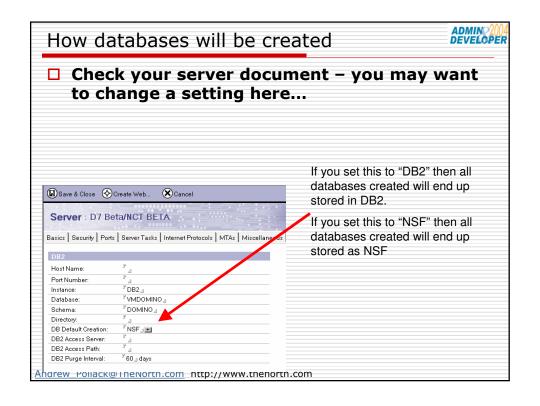
Give DB2 Access to Domino Data Design Element called a "DB2 Access View" Defines data in Domino as a Table to DB2 Not the same as a Notes View No access from Notes Client Exception: SQL Views see it as DB2 Data Domino Security Is Fully Enforced Including Reader Names Andrew_Pollack@TheNorth.com_http://www.thenorth.com

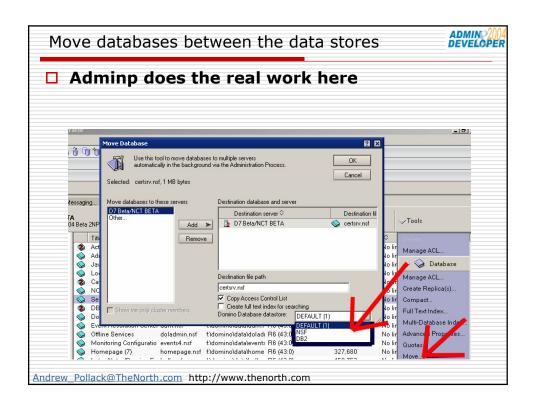


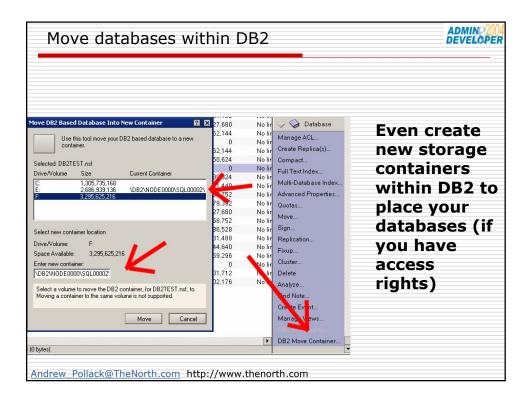
Adding an Integrated Server to your Domain Lotus Domino 7 is 100% Backward Compatible with your existing Domino Domain! 1. Prepare a DB2 Database Instance for storing the data. May already exist, or you may create a new one Detailed instructions in the Lotus Domino Administrator 7 Help file NOTE: For this current beta, DB2 must be on the same machine Andrew_Pollack@TheNorth.com_http://www.thenorth.com

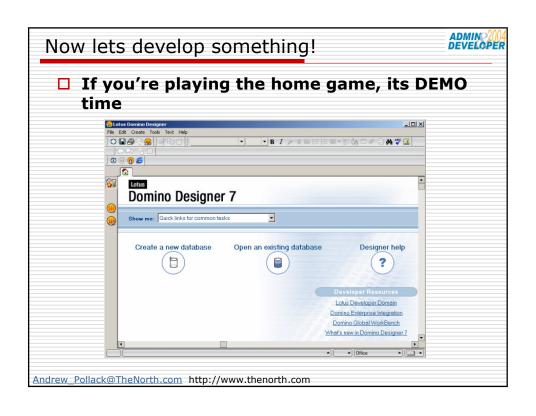


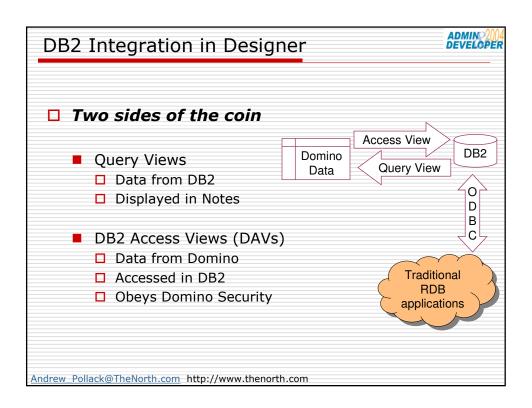


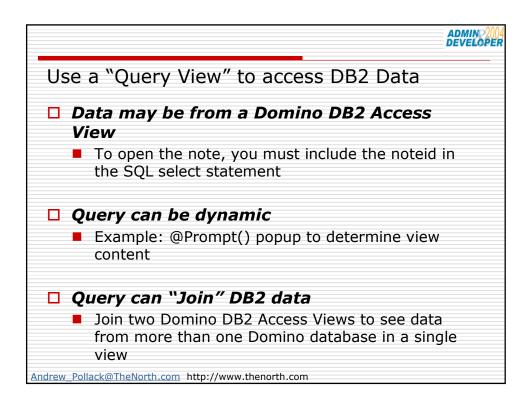


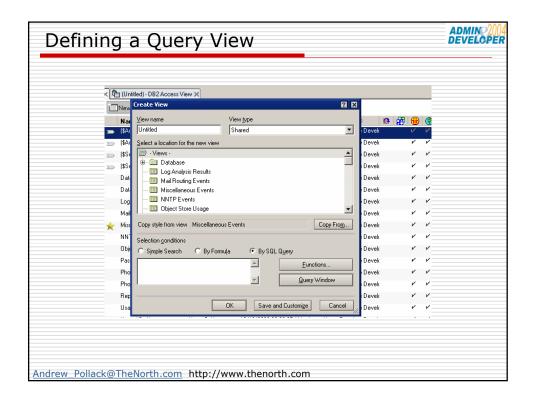




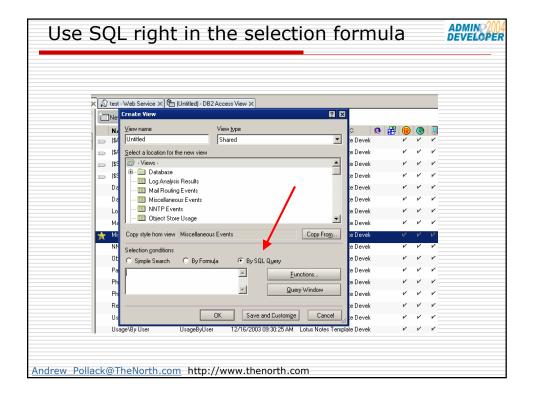


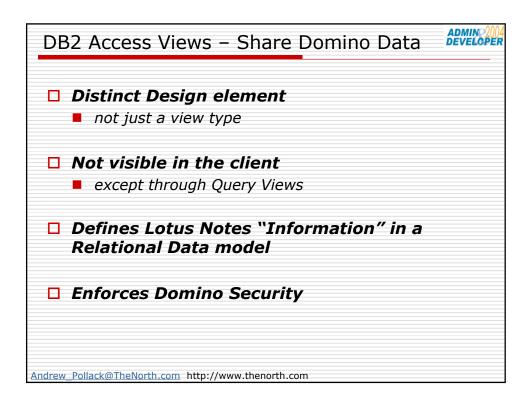


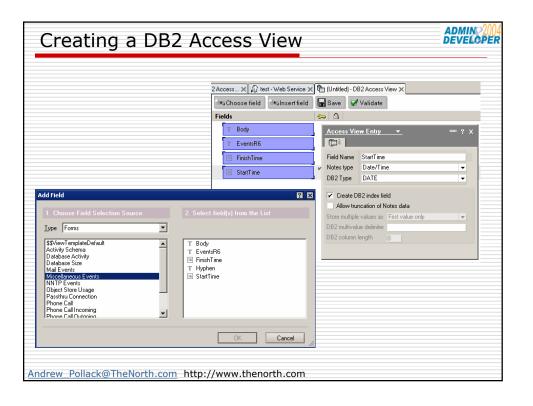




Query Views – RDB Data in Notes No pre-built indexes in the NSF Possible storage and performance boost for databases that change frequently Selection can be changed on the fly per user Use @Prompt narrow selection Complex SQL can fit different kinds of data into the same view design Does this make the Notes client a reporting tool? Finally, use @Username to select data Andrew Pollack@TheNorth.com http://www.thenorth.com







□ Or Beer and Pretzels -- They go well together ■ DAVs from two Notes databases can make up a single Query View - breaking the .NSF barrier! □ If a valid NOTEID from a DAV is selected, the referenced document can be opened from the view Andrew Poliack@lineNorth.com http://www.thenorth.com

