VisualAge for Smalltalk
Connection for Lotus Notes for OS/2 and for Windows
Overview Presentation Script
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Presentation Guidelines

Introduction

This presentation was developed as a guide in presenting the VisualAge for Smalltalk, Connection for Lotus Notes feature. These notes are intended as an outline to the presentation and meant to provide both insight and guidelines in preparing for your own presentation.

Questions, hints, and feedback may be directed to ADOPP @ CARY.

VisualAge for Smalltalk Version 3.0, Web Connection

Introduction

The flow of this presentation is:

1. Introduce VisualAge for Smalltalk, Connection for Lotus Notes and go into detail.
2. Emphasize benefits of developing applications on VisualAge and accessing Lotus Notes databases via Connection for Lotus Notes.

VisualAge for Smalltalk: Connection for Lotus Notes

1. New Add-On Feature of VisualAge for Smalltalk, V3.0

   The Connection for Lotus notes is a new add-on feature of VisualAge for Smalltalk V3.0. It was announced on June 18 and is generally available July 25. The Connection for Lotus Notes runs with VisualAge for Smalltalk Professional for WIN 95/NT and OS/2. AIX, HP, and SUN are forthcoming in future plans.

2. Builds Appls that Exploits Capabilities Provided by Lotus Notes

   The Connection for Lotus Notes enables you to develop applications that can directly access and modify Lotus Notes databases. Developers can use the power of the VisualAge for Smalltalk environment to build large-scale applications based on Notes.

3. Set of Smalltalk Classes and Non-Visual Parts

   Several new IBM Smalltalk classes and associated nonvisual parts are provided with the Connection for Lotus Notes. These parts will allow application developer to use VisualAge for Smalltalk to build applications that provide the following types of function for local and remote Lotus Notes databases. You can also continue to use the existing visual and nonvisual parts from VisualAge for Smalltalk.

4. Requires Lotus Notes R4.0

   This feature requires Lotus Notes-Release 4.x(32-bit client).

Connection for Lotus Notes: Classes and Non-Visual Parts

These new classes and parts are fairly self-explanatory. The key pints you want to make is that you can use these classes to build applications that can:

- Create new databases from templates
- Replicate databases
- Modify security rights in databases
- Open, modify, or delete existing databases

- Create new documents, or delete existing documents
- Add, delete, and update fields in a document
- Do a full text search in a database
- Read, write, and send Notes Mail

A key point in View/Forms is that a developer needs to create Views and Forms within the Lotus Notes environment. The databases. views, and forms are built in the Lotus Notes application environment using Lotus Notes as you normally would. Once the Notes database has been constructed, the views, forms and data can be accessed from VisualAge for Smalltalk by using the nonvisual parts provided with the Connection for Notes feature.

Connection for Lotus Notes: Access to Existing Enterprise Services & Data

As you recall, a challenge that businesses are facing is the need to access existing environments. The Web Connection allows you ″fit″ within you current environment and the high degree of interface to existing code and protocols allow maximum reuse of existing systems.

This chart is fairly self explanatory but a few notes to clarify (if needed):

1. All communication protocols are offered in the Comm/Tran Feature.
2. IMS connectivity is offered in the IMS Connection Feature.
3. DB2 family native access is available in the base product as well as ODBC support. Through this support you are able to participate in the DRDA strategy for remote data access.
4. Oracle native access is available in the Oracle features.
5. Lotus Notes access is available in the Connection for Notes feature.
6. C Wrappering and COBOL are provided in the base product.
7. Our current SOM support allows one to use SOM objects, not create. Plans will be to create.
8. Sybase, SQL Server are available via ODBC.
9. Gemstone is available via 3rd party provider.

Connection for Lotus Notes: Benefits

This chart is self-explanatory. The point here is to emphasize the value-add of using Connection for Lotus Notes in building large-scale applications based on Notes. You should re-emphasize that by using the Connection for Lotus Notes, you gain all the benefits of VisualAge for Smalltalk.