



Lotusphere[®] 2005

ENVISION

DECISIONS

IBM Lotus Notes/Domino v7, fonctionnalités et évolutions

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Best of Lotusphere 2005

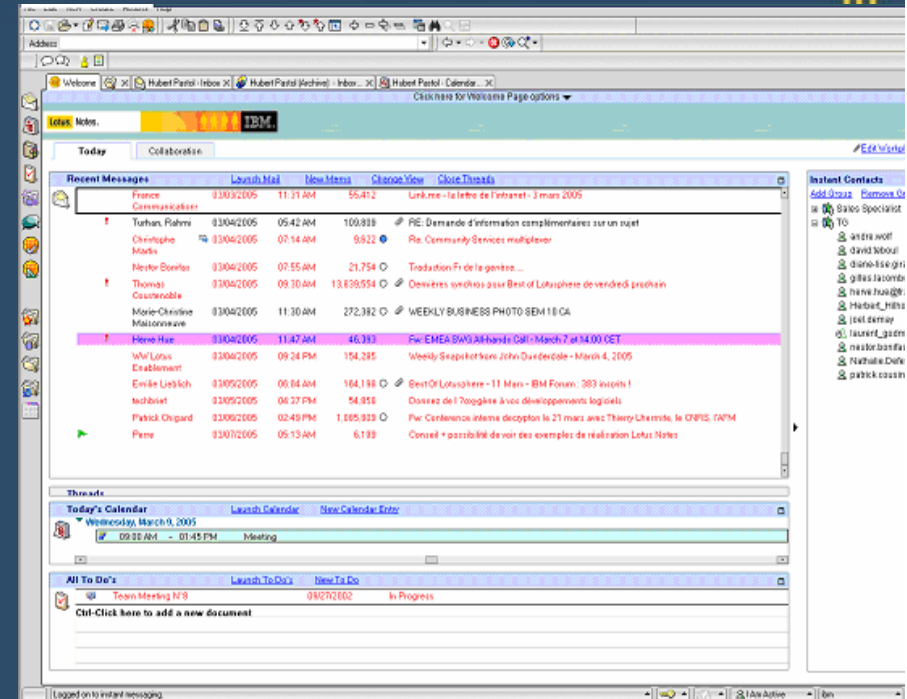
Vendredi 11 février 2005 – Paris La Défense

Agenda

- Overview Notes / Domino 7
- Les clients V7
- Le serveur V7
- Démonstrations

Un peu d'histoire

- 1989 : Notes v1
- 1993 : Notes v3 ... 0,5 million d'utilisateurs
- 1995 : IBM achète Lotus Development S.A.
- 1996 : Notes v4
- 12/1996 : Notes / Domino v4.5 ... au goût du Web
- 1999 : Notes / Domino v5 ... 56 millions d'utilisateurs
- 2000 : 80 millions d'utilisateurs
- 2001 : De Lotus Development SA à Lotus Software
- 2002 : Notes / Domino 6
- 2004 : Notes / Domino 6.5
- 2005 : Notes / Domino V7 ... 114 millions d'utilisateurs



Sans révolution ...



- | | | | | | | |
|--|--|---|---|---|--|---|
| <ul style="list-style-type: none"> •Forms/Views •@Formulas | <ul style="list-style-type: none"> •Forms/Views •@Formulas •Agents •ODBC | <ul style="list-style-type: none"> •Forms/Views •@Formulas •Agents •ODBC •LotusScript •SMTP | <ul style="list-style-type: none"> •Forms/Views •@Formulas •Agents •ODBC •LotusScript •SMTP •POP/IMAP •HTML Pages | <ul style="list-style-type: none"> •Forms/Views •@Formulas •Agents •ODBC •LotusScript •SMTP •POP/IMAP •HTML Pages •CORBA •Java/Javascript | <ul style="list-style-type: none"> •Forms/Views •@Formulas •Agents •ODBC •LotusScript •SMTP •POP/IMAP •HTML Pages •CORBA •Java/Javascript •Servlets •JSPs •SOAP/XML | <ul style="list-style-type: none"> •Forms/Views •@Formulas •Agents •ODBC •LotusScript •SMTP •POP/IMAP •HTML Pages •CORBA •Java/Javascript •Servlets •JSPs •SOAP/XML •DB2 •Web Services |
|--|--|---|---|---|--|---|

← Protection des investissements & Compatibilité

Les atouts IBM Lotus Domino

- Une plate-forme collaborative fortement sécurisée pour échanger des données, relier les communautés et les personnes entre-elles
 - Choix et flexibilité
 - Coût de possession (TCO)
 - Sécurité
 - Qualité de service – Haute disponibilité

Domino 7 améliore ces points forts !

■ Principales améliorations:

- La Productivité
- La Facilité d'usage
- Le Total cost of ownership
- L'amélioration de la qualité
- L'intégration avec Lotus Instant Messaging
- L'intégration avec Lotus Workplace & Workplace Client Technology



Nouveautés Notes 7.0

Intégration avec Instant Messaging et Web Conferencing

- Généralisation du présentiel (C&S forms/views, Discussion, et TeamRoom)
- Création de conférences web sécurisées (password / restrict attendance)
- Contrôle de votre détection de présence

The screenshot displays the Notes 7.0 interface. At the top, there is a 'Discussion' section with buttons for 'New Main Topic', 'New Response', 'New Response to Response', and 'Chat with Author'. Below this is a table of discussion topics:

Date ^	Topic
06/29/2004	Notes Client presentations (Heidi Votaw)
	More updates (Heidi Votaw 06/29)
06/29/2004	New Notes 7 features (Heidi Votaw)

To the left of the discussion board is a sidebar with navigation options: 'All Documents', 'By Author', 'By Alternate Name', 'By Category', and 'Author Profiles'. Below the discussion board is a 'Calendar' for Heidi Votaw, showing a calendar view for June 2004. The calendar highlights the 29th of June as a Tuesday. A 'Chat with...' dropdown menu is open, showing options: 'Show/Hide Instant Contact List' and 'Add to Instant Contact List...'. The 'Chat with...' button and the dropdown menu are highlighted with a pink box.

The screenshot shows a calendar entry for a meeting. The entry is highlighted in purple and contains the following information:

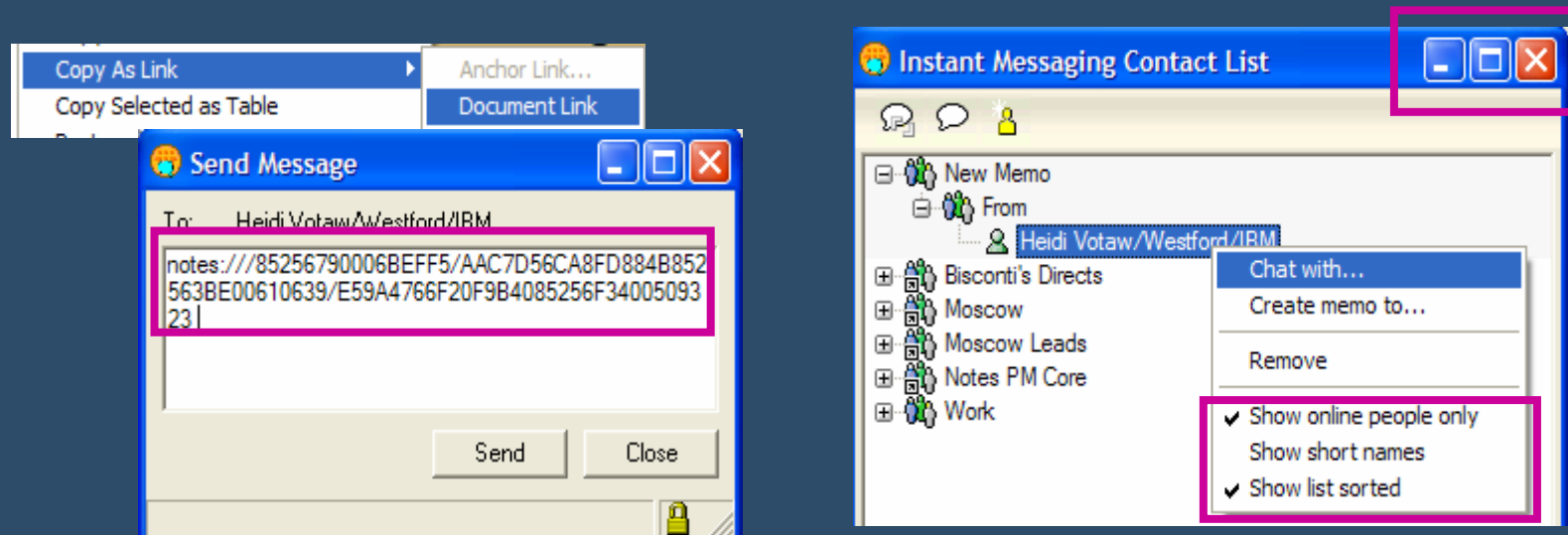
- 5 pm - 2 pm
- Meeting to review Notes 7 features
- Location: Conference call
- Chair: Heidi Votaw

The 'Meeting to review Notes 7 features' text and the 'Chair: Heidi Votaw' text are highlighted with a pink box.

Nouveautés Notes 7.0

Intégration avec Instant Messaging et Web Conferencing

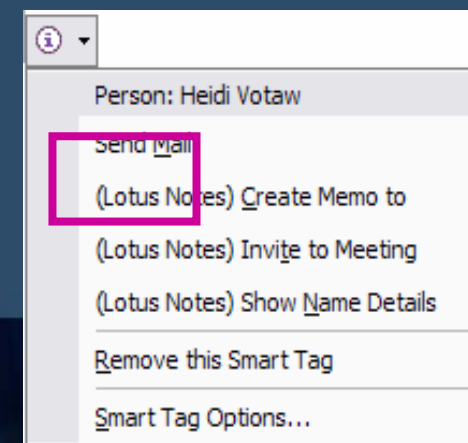
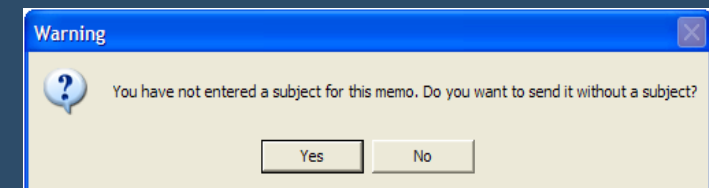
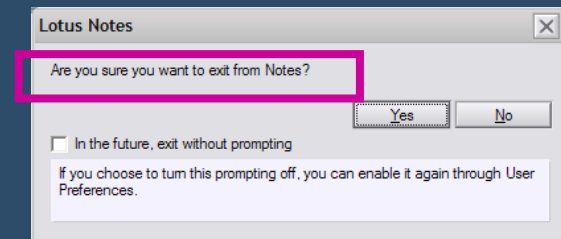
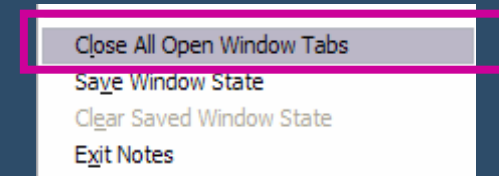
- Options supplémentaires pour la buddy list
- Sauvegarde des chats dans la BAL
- Support des URLs Notes
- Interopérabilité avec Workplace Instant Messaging



Nouveautés Notes 7.0

autres améliorations ...

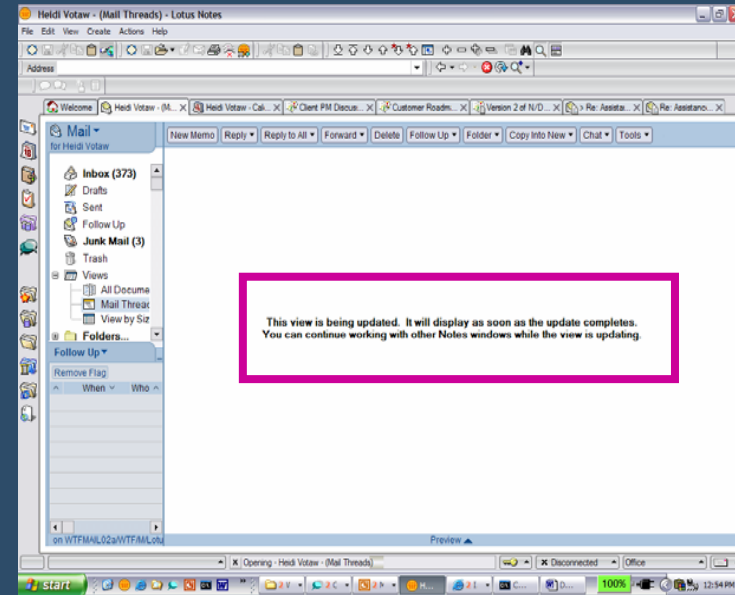
- Utilitaire de nettoyage pour l'agenda
- Interface d'archive utilisateur
- Tri par sujet dans la vue Inbox et Tous Documents
- Sauvegarde de toutes les fenêtres actives à la fermeture de Notes
- Fermeture rapide de toutes les fenêtres Notes
- Prompt de confirmation à la fermeture
- Avertissement pour prévenir que l'objet du message est "vide"
- Intégration MSFT (Smart Tags Support)
 - Support d'Office 2003



Nouveautés Notes 7.0

autres améliorations ...

- Auto Save
- Ouverture de vue en Asynchrone (non bloquant)
- Mail threads dans le formulaire de Mail
- Indicateurs “pour”, “copie”, ”bcc”



Who	Date	Time	Subject
Jenifer P. Kidder	06/24/2004	03:32 PM	Slides for Monday's project review available
Jenifer P. Kidder	06/25/2004	09:19 AM	Re: Slides for Monday's project review available

Mail | Calendar & To Do | Access & Delegation

Basics | Letterhead | Signature | Follow Up | Message Marking

Senders | Recipients

The following settings will apply to mail addressed to you or any alternate or group name you specify below, but will not apply if you receive mail as a member of a group. Enabling any setting will display a new column in the mail views.

Display a solid circle when I am the only recipient in the To field

Display a half-solid circle when my name is one of UP TO this many names in the To field: 2

Display an empty circle when my name is in the cc field or is one of more than 2 in the To field

- Mail policies : Pour tous les paramètres de messagerie !
 - Préférence de messagerie (online/offline)
 - Règles (serveur/client)

- Desktop Policies : Pour tous les paramètres du bureau !
 - Bookmarks, settings in the location documents, archiving, security/ECL, etc

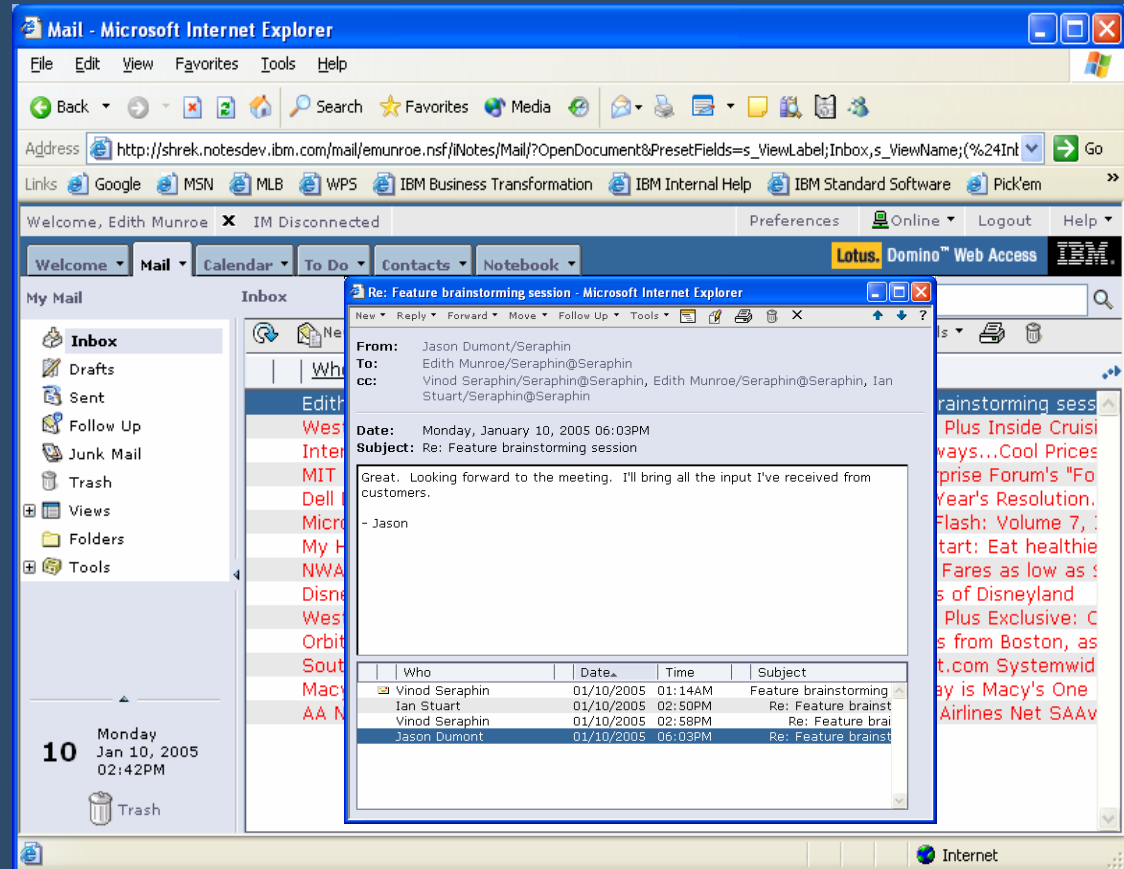
- Verrouillage des règles

Domino Web Access

Nouveautés V7

ENVISIONS
DECISIONS

- Thème plus proche du Portail et de Notes
- Interface personnalisable
- Police réduite
- Performance
- Intégration Chat
- WebMail Redirect
- Chiffrement / Signature
- Mail Threads (message en lecture)



Domino Web Access Configuration Server

- Performance
 - Alarms
 - Mail polling
 - Calendar (PDF) printing
 - Archiving
 - Full text indexing
- Security settings
 - Access to encrypted documents
 - Require SSL
 - Notes ID access
 - Browser cache management

Welcome Page Setup	
Default Welcome Page:	View/Modify...
Allow user to edit the Welcome Page	Enabled
Alarms	
Alarms	Enabled
Minimum alarm polling time	5 minutes
Mail	
Minimum mail polling time	5 minutes
When sending mail, set format to:	Let user decide
Name resolution and validation:	Enabled
Maximum attachment size (kb):	50000
Mail threads:	Enabled
Mail Encryption	
Encrypted mail support:	Enabled
Allow user to delete their Notes ID from their mail database:	Disabled
Allow user to export their Notes ID:	Disabled
Require SSL when reading encrypted mail:	Client
Use JavaScript for SSL-redirection requests:	Enabled
Allow untrusted Internet certificates to be used for S/MIME encryption:	Disabled

Les autres clients de Domino 7

Outlook Web Access

Calendar - Microsoft Outlook

File Edit View Go Tools Synchronize Actions Help

New Today Day Work Week Week Month Find Type a contact to find

Who's Online Show TeamMessenger Instant Tools

Calendar October 05, 2004

October 2004
S M T W T F S
26 27 28 29 30 1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31 1 2 3 4 5 6

My Calendars
 Calendar
 Calendar in Mailbox - Carl

Open a Shared Calendar...

Mail
Calendar
Contacts
Tasks
Notes
Folder List
Shortcuts

Calendar
Tuesday, October 05

8 am
9:00 Outlook Connector weekly call
Update: Outlook Connector post DCUT project review meeting (2753 - Bermuda/Iris@Iris)
Update: Lotus Workplace 2.5: Weekly Development Managers' Meeting (WTF4 - 2056)
11:15am-12:15pm Update: Fw: ISSL Competitive SWAT & Worldwide Competitive Sales 2H 04 Meeting NOW Oct 5 & 6
12 pm Lotus Marketplace Assessment "Lunch & Learn" (Tie Line: 650-3236, Toll Free: 1-877-861-8456, Toll:)
1 Ken & Brendan
2 Update: Outlook Connector review (both ROOM and TIME changed) (2460 - Grand Cayman/Iris)
3
4 Lend Lease Internal Prep Call (1-888-215-8880 pc 267365)
5
6
7
8

Calendar
Tuesday, October 05

Marketing review

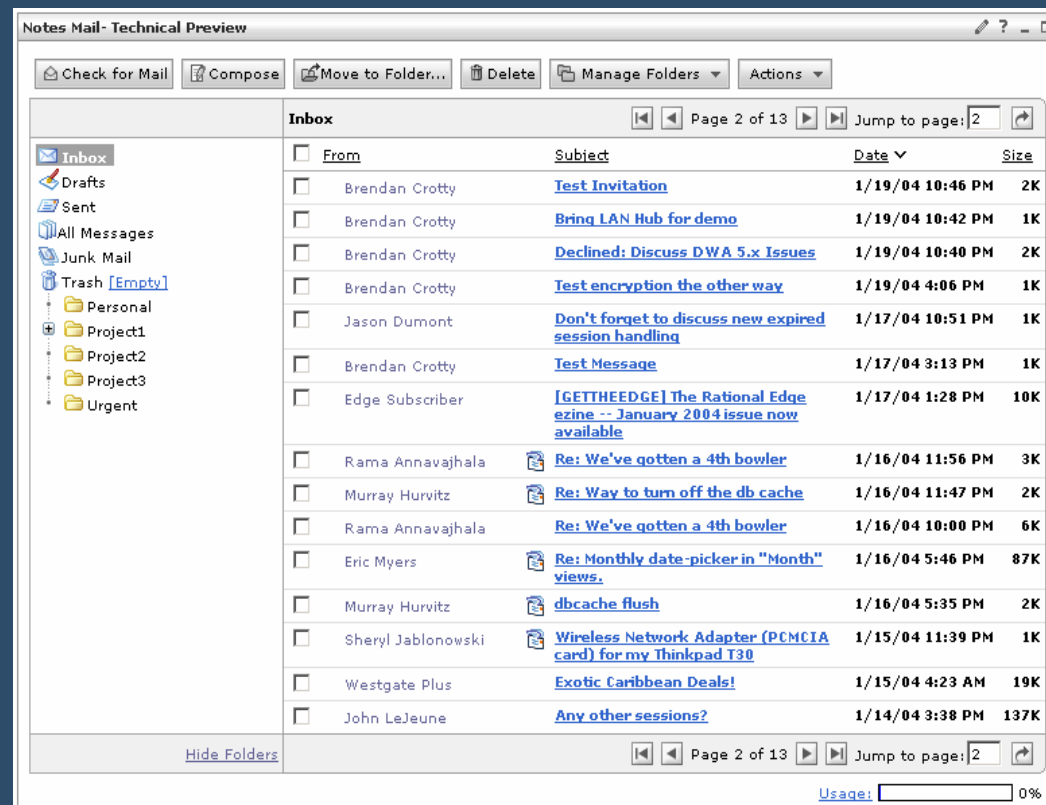
Customer meeting

2 Items

start 14% 10:24 PM Tuesday 10/5/2004

45:07 - AT... DominoFor... Lotus Note... techtalk_o... Windows T... Calendar - ...

- Common Mail Portlet
 - Portlet native de messagerie et Agenda
 - Disponible avec WebSphere Portal Server 5.1



IBM Lotus Domino v7

■ Déploiement / upgrade

- Smart upgrade
- Politique d'administration

■ Utilisateur, desktop et annuaire

- Annuaire central vs annuaire de configuration
- Active Directory Sync
- Politique d'archive

■ Mail Management

- SPAM: DNS blacklist

■ Server Monitoring/ Troubleshooting

- Fault Recovery et Diagnostic automatique
- Tivoli Analyzer

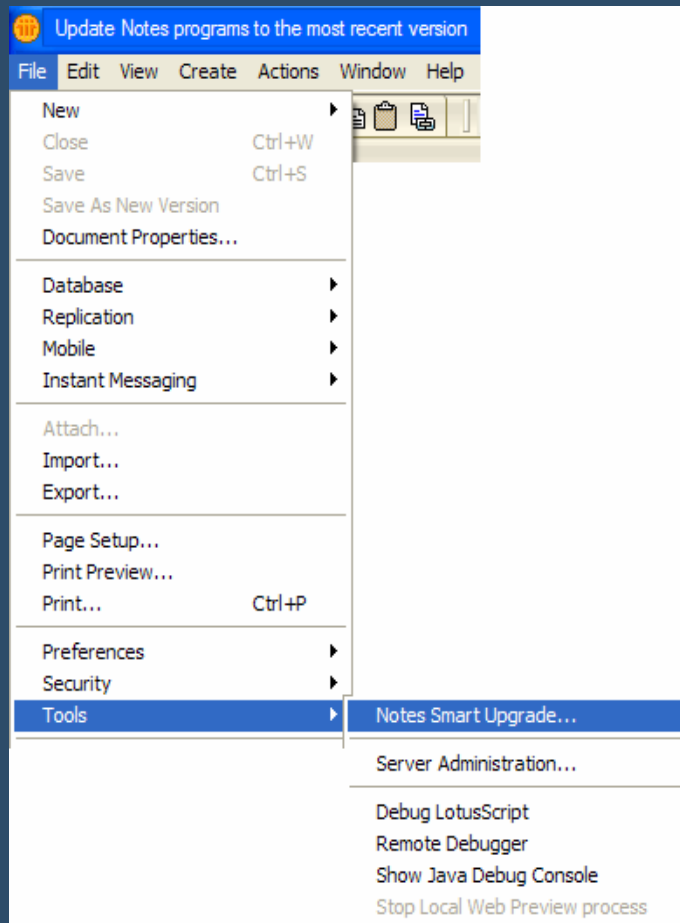
■ Autres améliorations

- Transaction Logging
- Gestion des Quotas
- Statistic/Event Monitoring & Reporting
- Activity Logging
- License Tracking
- AdminP (Administration Process)

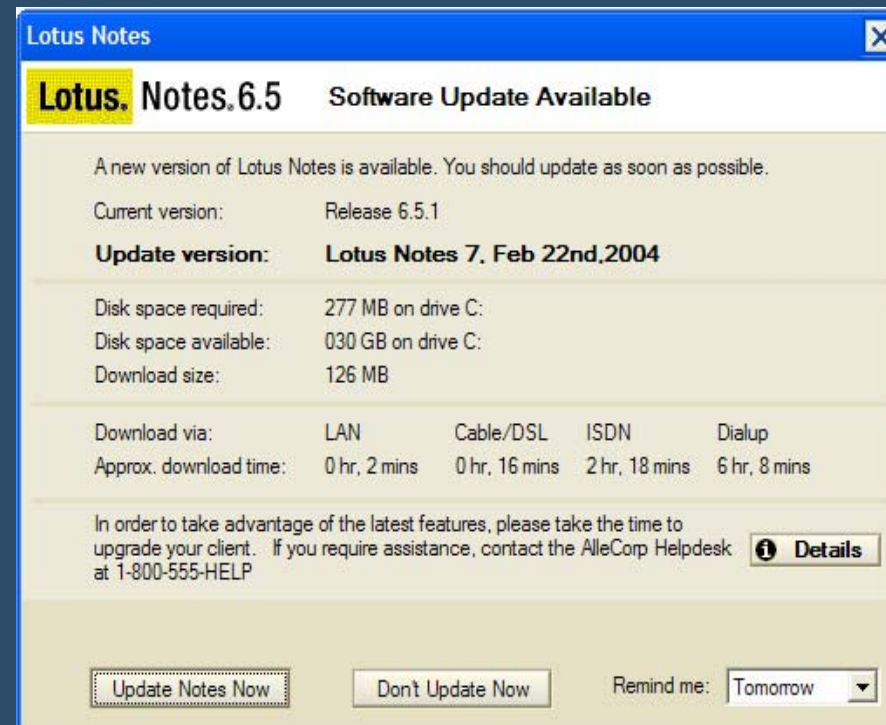
- Réduire les coûts de déploiement et de support
 - Upgrade automatique du client
 - Amélioration des politiques d'administration
 - Mail policy management
 - Client policy lockdown
- Réduire le temps d'analyse d'un problème serveur
 - Domino Domain Monitoring (DDM)
 - Intégration de Tivoli Analyzer
 - Script d'Administration
- E-mail Management
 - Archive (par date de création)
 - Amélioration du support Anti-SPAM
- Solution complète Domino sur Linux
 - Web Admin avec Linux/Mozilla
- Support de DB2

Domino 7.0

Notes Smart Upgrade

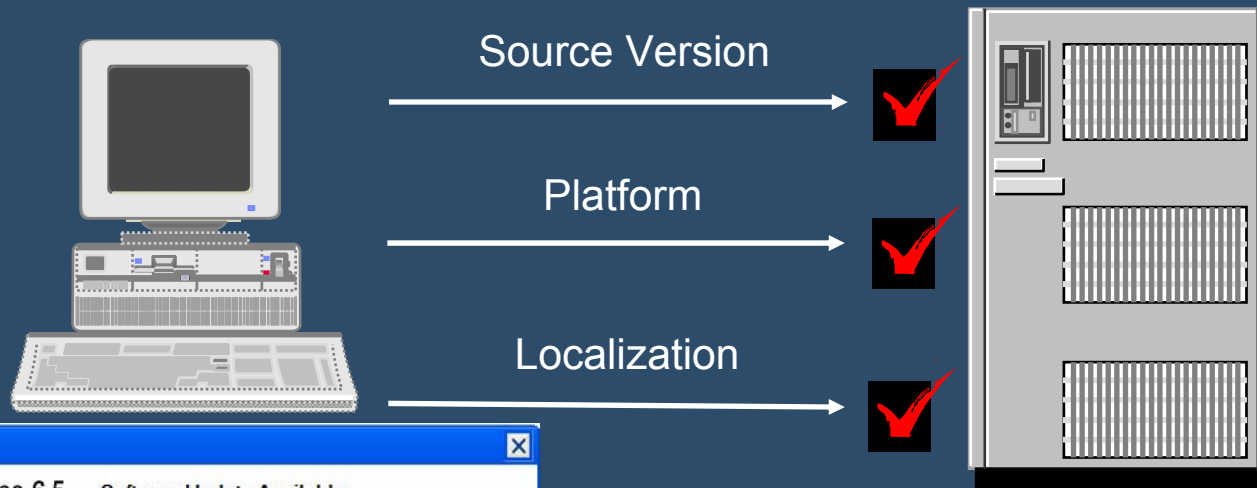


Smart Upgrade réduit le coût de gestion du client Notes (upgrade)



Domino 7.0

Notes Smart Upgrade, comment ça marche ?



Domino 6 or 7 Server

Lotus Notes

Lotus Notes 6.5 Software Update Available

A new version of Lotus Notes is available. You should update as soon as possible.

Current version: Release 6.5.1
Update version: Lotus Notes 7, Feb 22nd, 2004

Disk space required: 277 MB on drive C:
Disk space available: 030 GB on drive C:
Download size: 126 MB

Download via: LAN Cable/DSL ISDN Dialup
Approx. download time: 0 hr, 2 mins 0 hr, 16 mins 2 hr, 18 mins 6 hr, 8 mins

In order to take advantage of the latest features, please take the time to upgrade your client. If you require assistance, contact the AlleCorp Helpdesk at 1-800-555-HELP [Details](#)

Remind me:

- Application des paramètres de configuration
 - Basée sur la structure de l'organisation
 - Explicite, organisationnelle
- Bénéfices:
 - Plus de contrôle --> Moins de problèmes de support
 - Simplicité d'utilisation
 - Réduction du TCO
- 6.0.x & 6.5.x
 - Notes Client setup
 - Desktop settings
 - Security
 - Registration
 - Archiving
- 7.0
 - Verrouillage des politiques d'administration
 - Nouvelles politiques messagerie et agenda



- Domino Directory
 - People
 - Groups
 - Policies
 - Settings
 - Servers
 - Certificates
 - Clusters
 - Configurations
 - Parameters
 - Connections
 - Deny Access Groups
 - Directory Servers
 - Extended Directory Catalog
 - Domains
 - External Domain Network Inform
 - File Identifications
 - Holidays
 - Internet Sites
 - Licenses
 - Mail Users
 - Mail-In Databases and Resourc
 - Networks
 - Programs
 - Servers
 - Setup Profiles
 - Web Configurations
 - V3 Stats and Events

Type	Setting Name ^	Description
Archive Settings		
	1 Year archiving	Remove all messages older than 1 year
	3 Year archiving	Remove all messages older than 3 years
	90 Day ARCHIVING	Remove all messages older than 90 days
Desktop Settings		
	Standard Client Configuration	Preferences and notes.ini, Sametime Server, local mail,
	WELCOME PAGE AND BOOKMARKS	Default desktop look and feel for all employees
	Welcome Page for Marketing	Notes start up for marketing teams
	Welcome Page for Sales	Notes start up for sales teams
Registration Settings		
	Group assignments for Finance	Adds people to all the appropriate groups
	Group assignments for Human Resources	Adds people to all the appropriate groups
	IBM Executive MAILFILE QUOTAS	Enforces the mail file size restriction for senior staff
	IBM standard mailfile quotas	Enforces the corporate mail file size restriction
Security Settings		
	Execution Control List - Developers	control the execution of code based on signer name
	Execution Control List - Standard	control the execution of code based on signer name
	PW Length and Quality - Admin	set how strong PWs are for administrators
	PW Length and Quality - Standard	set how strong PWs are for general users
	Synch HTTP PW with Notes ID PW	Used for divisions that don't require multiple PWs
Setup Settings		
	Create Local Mailfile Replica	used for mobile workers
	Location and Connection Documents	define standard configuration for user workstation
	Sametime Server for AP	Assign ST server to AP employees
	Sametime Server for NA	Assign ST server to NA employees

Domino 7.0 - Intégration avec DB2

Domino 7

Quel est l'intérêt d'intégrer Domino avec DB2 ?

- Permettre de développer des applications Domino mixant des services de collaboration avec des données structurées en utilisant le langage SQL
- Utiliser la capacité de stockage de DB2 pour Domino
- Permettre aux entreprises de consolider leurs données dans DB2 et de les intégrer plus facilement avec d'autres applications

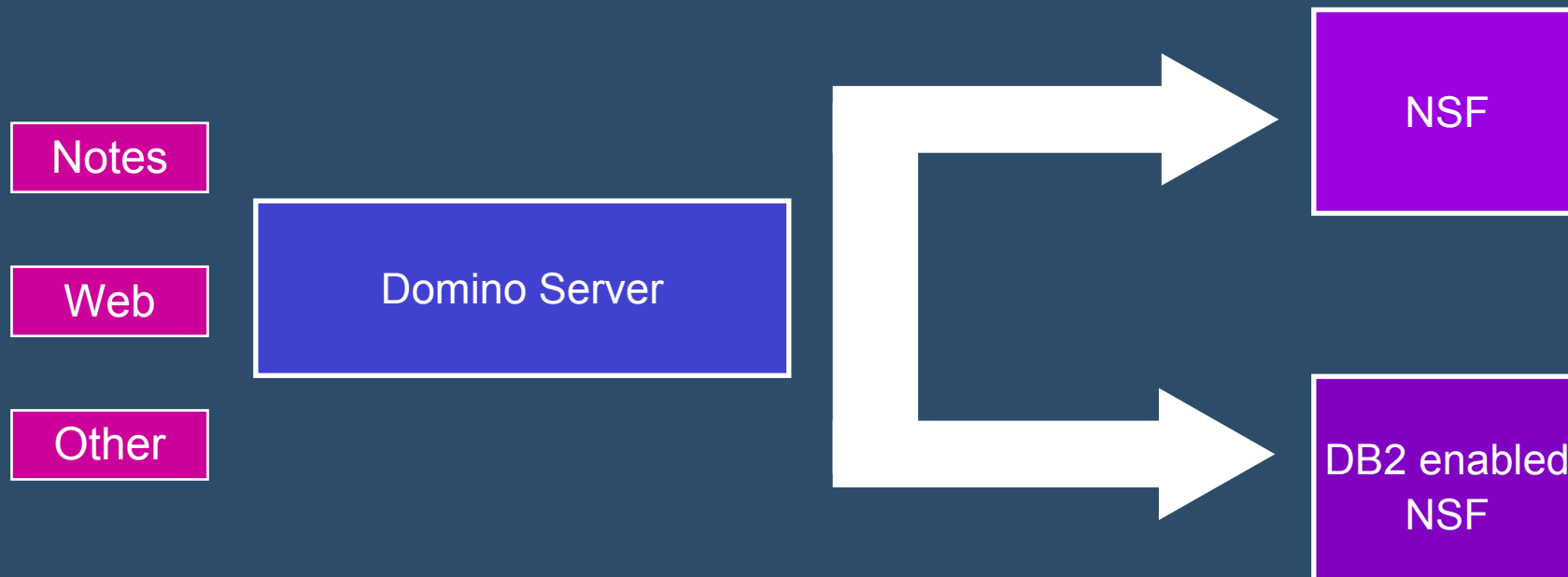
Domino 7

Le support de DB2 dans Domino 7

- Domino 7 supporte DB2 comme une *option* de stockage
 - Pas un remplacement du NSF
- Fonctionnellement transparent pour les applications
 - APIs compatibles
- Nouvelles fonctions
 - DB2 access views
 - Query views – SQL based queries as views

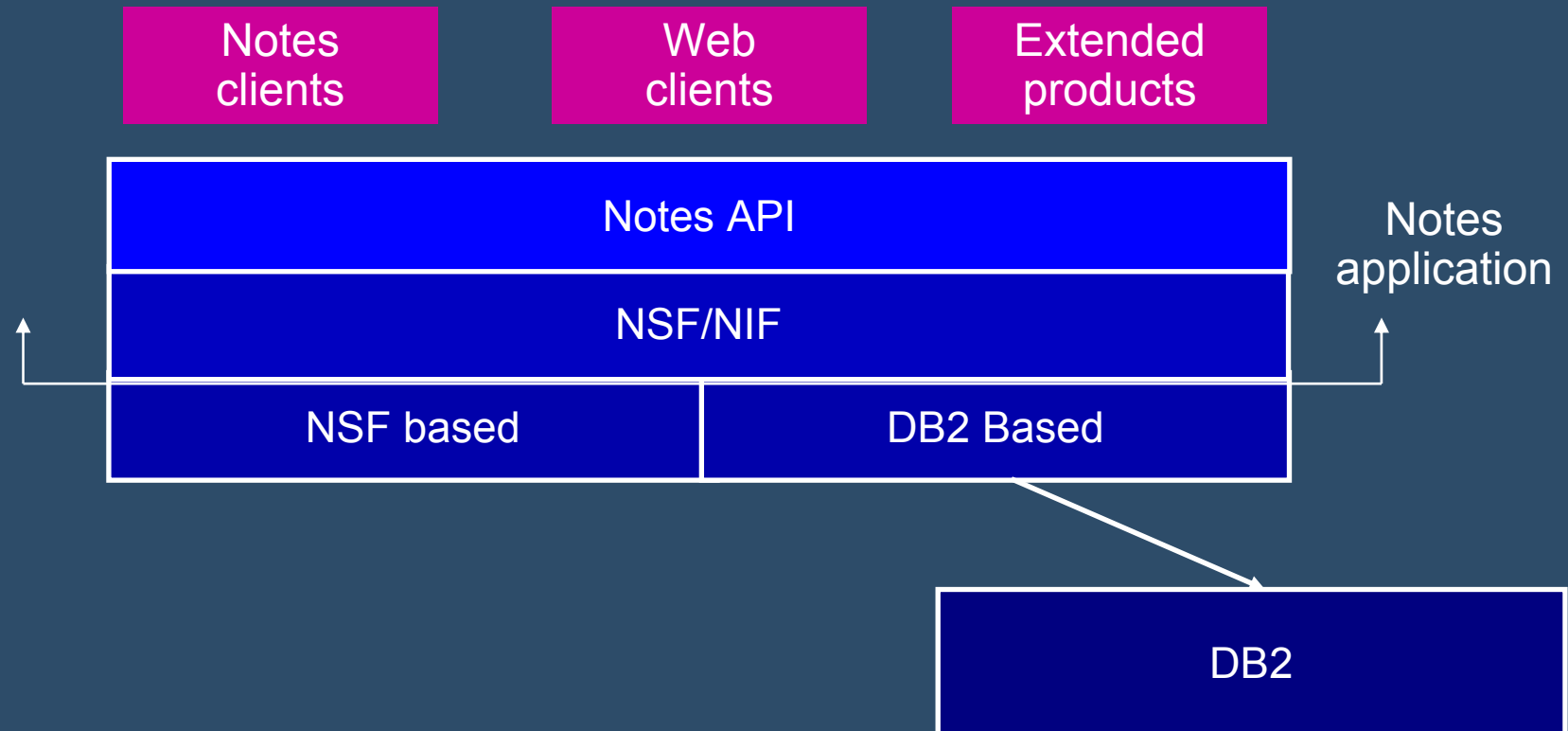


- Les serveurs Domino / DB2 peuvent gérer simultanément des bases NSF traditionnelles et des bases DB2

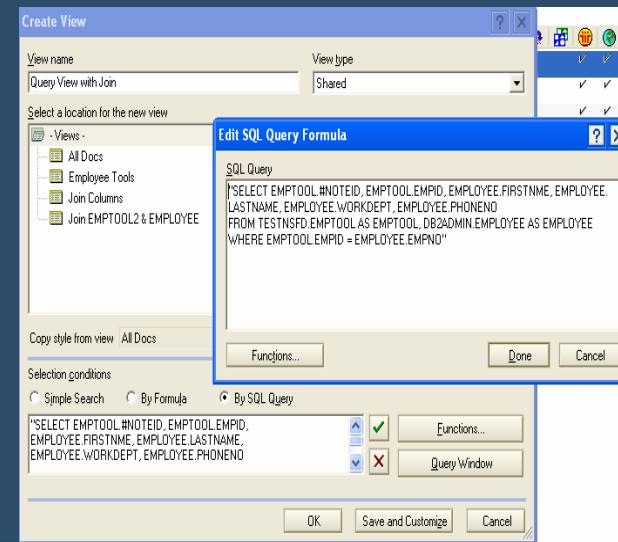
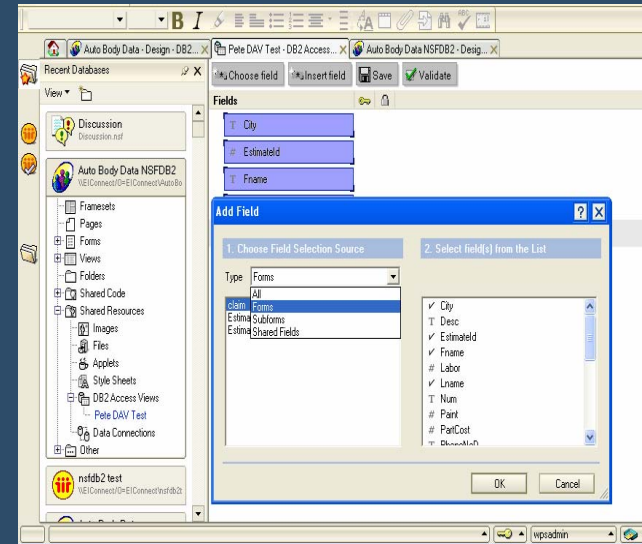


Intégration DB2

Architecture

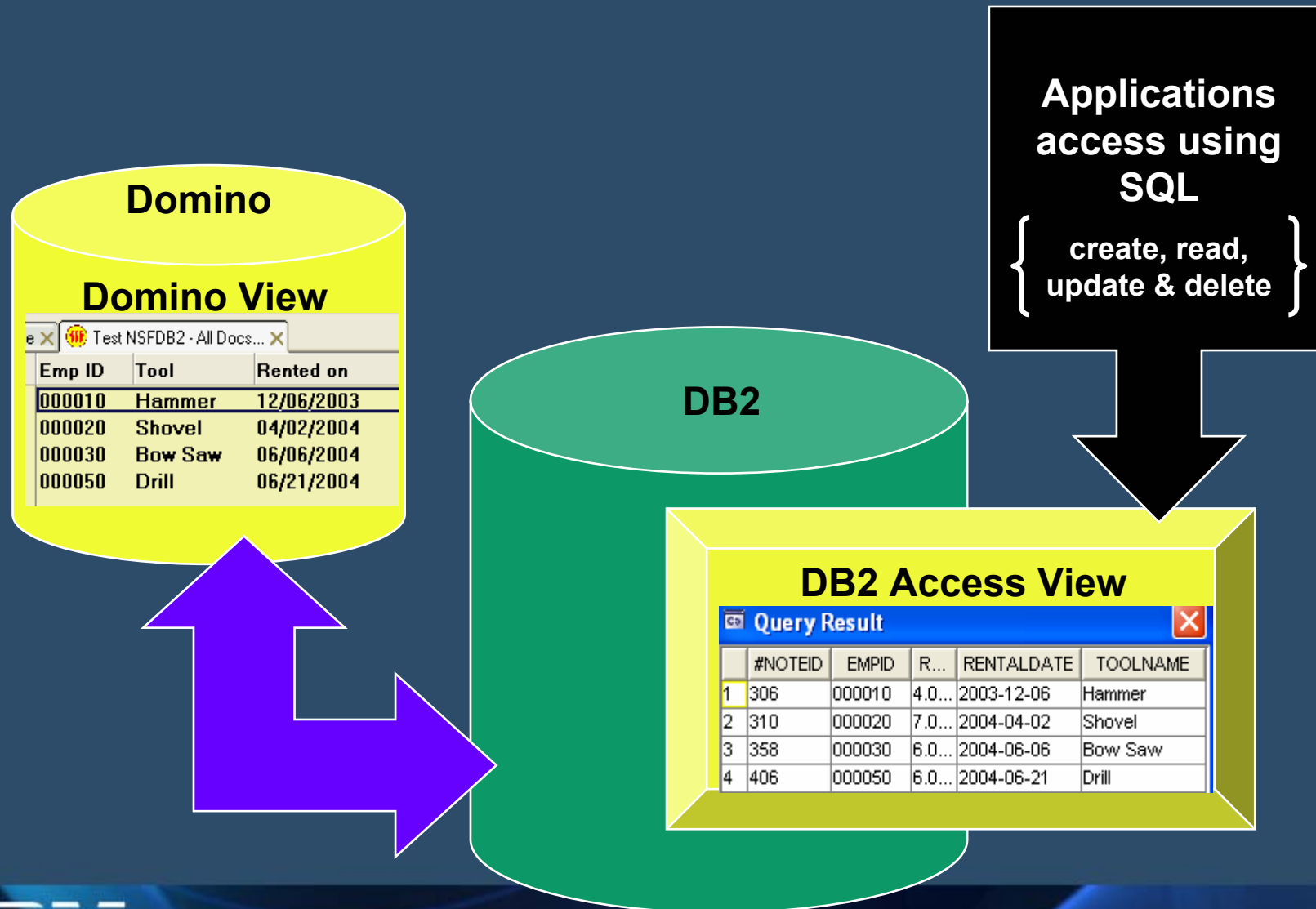


- DB2 Access View (Nouvel élément de design)
 - organise vos champs en tables
 - utilise des requêtes SQL au lieu de données Domino
 - expose les données Notes aux applications DB2
- DB2 Query views (Nouveau type de vue)
 - La sélection de vue se fait par une requête SQL
 - Données calculées, puissance du SQL (joins, etc.)



Intégration DB2

DB2 access View



Intégration DB2

DB2 access View

The screenshot shows the Lotus Domino Designer interface for a database named 'Auto Body Data NSFDB2'. The left-hand pane displays a tree view of design elements, including 'DB2 Access Views' with a sub-entry 'Estimate DAV'. A blue callout box with an arrow points to this 'Estimate DAV' element, labeling it as the 'Access View Element'. The main workspace shows a table with the following data:

Name	Last Modified	Last Modified By	Comment
Estimate DAV	01/06/2005 12:50:05 PM	db2admin/EIConnect	Customer repair estimates

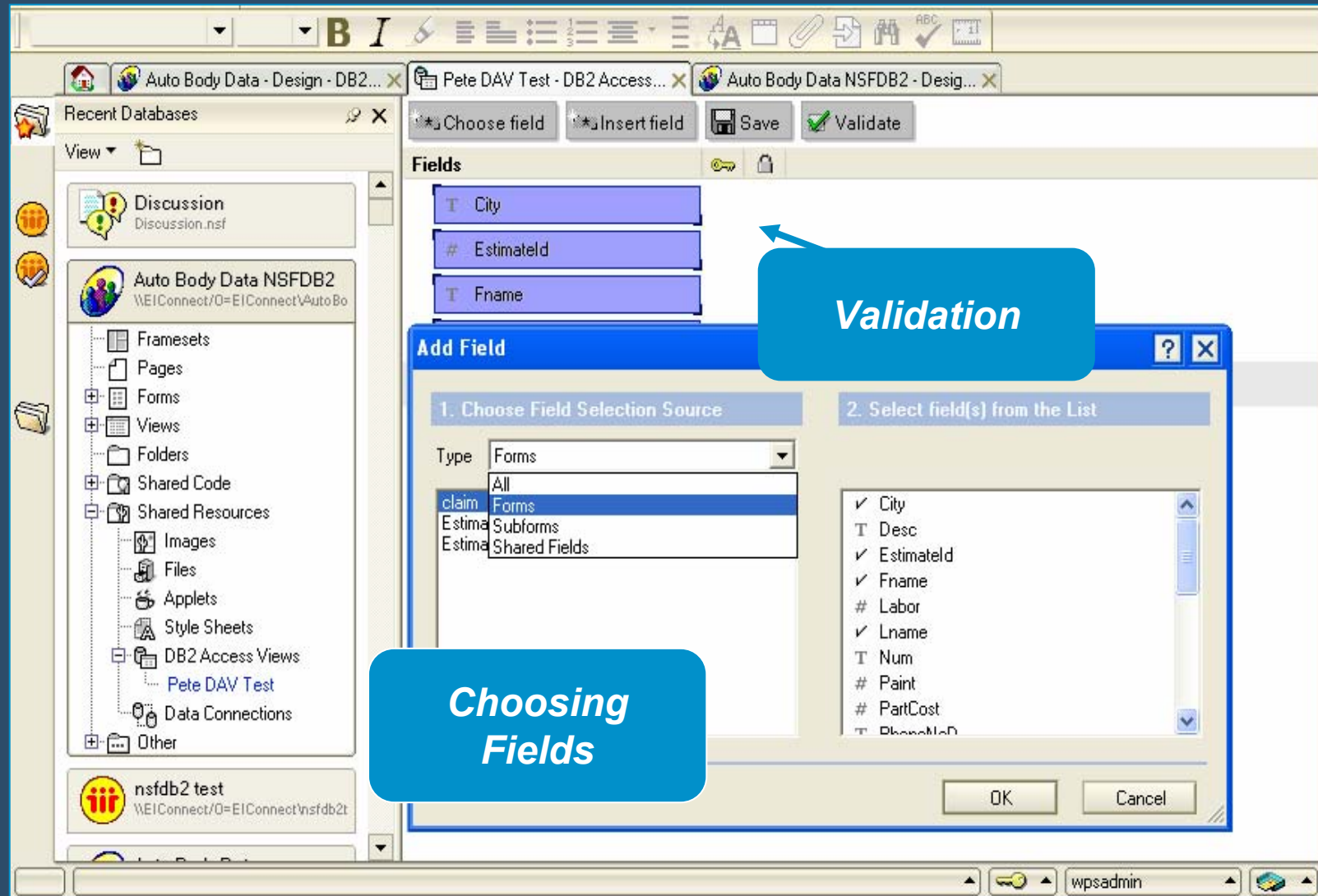
Below the table, there are several action buttons: 'New DB2 Access View', 'Create/Update in DB2', 'Populate in DB2', 'Delete in DB2', and 'Refresh Status'. A large blue callout box with white text explains that the design element holds the definition for the DB2 Access view and that the user must click an action button to create the view in the database.

Design element holds definition for DB2 Access view. Need to click action button to create view in DB2

Access View Element

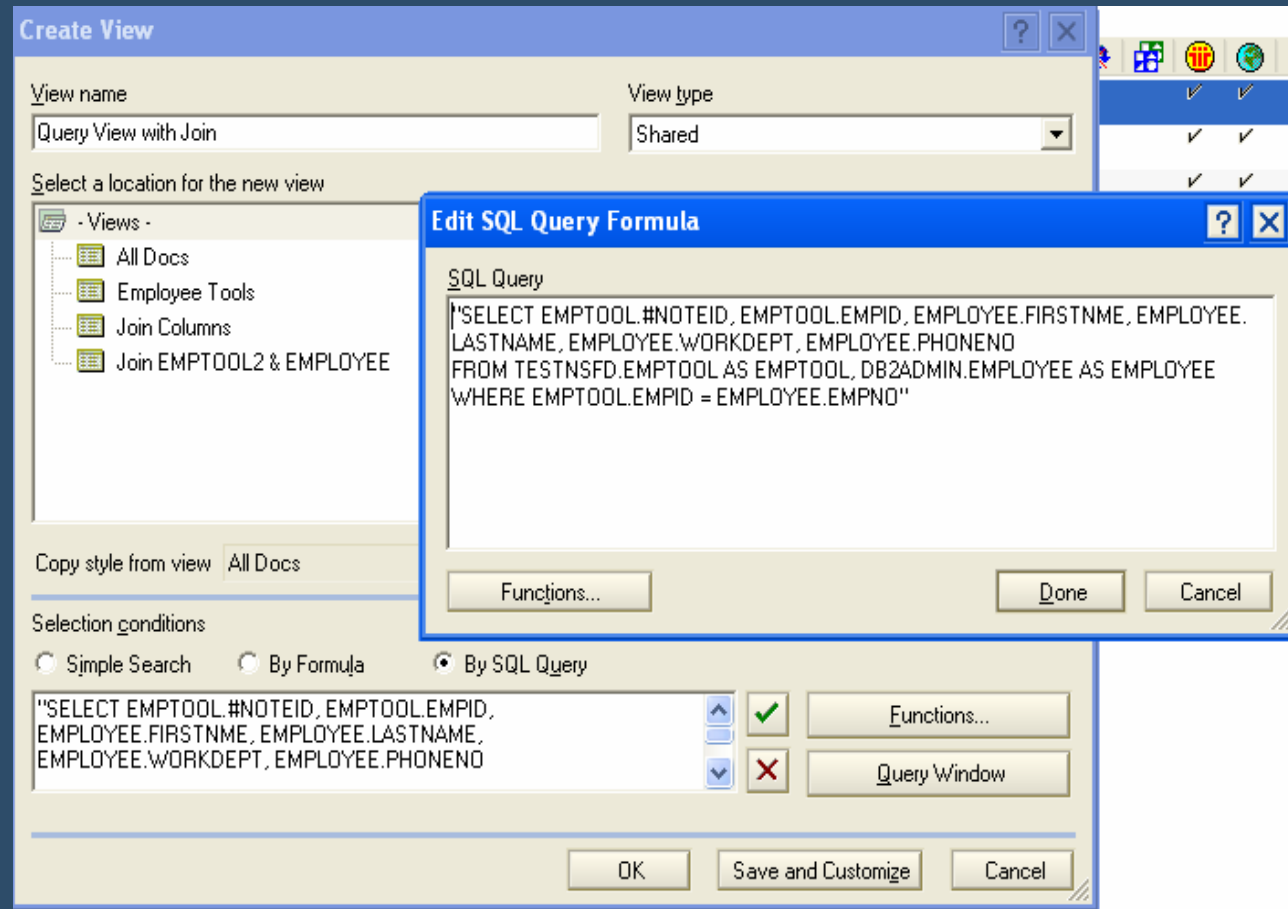
Intégration DB2

DB2 access View



Intégration DB2

DB2 Query view



SQL
Statement

Intégration DB2

DB2 Query view

The screenshot shows a Lotus Notes window titled "Test NSFDB2 - Join EMPTOOL2 & EMPLOYEE - Lotus Notes". The window displays a table with the following data:

Emp ID	Tool	Rented on	First Name	Last Name	Phone #	Department
000010	Hammer	12/06/2003	CHRISTINE	HAAS	3978	A00
000020	Shovel	04/02/2004	MICHAEL	THOMPSON	3476	B01
000030	Bow Saw	06/06/2004	SALLY	KWAN	4738	C01
000050	Drill	06/21/2004	JOHN	GEYER	6789	E01

Two callout boxes are present:

- Data from DB2 Access View**: Points to the "Emp ID" and "Tool" columns.
- Data from Different DB2 App**: Points to the "Rented on", "First Name", "Last Name", "Phone #", and "Department" columns.

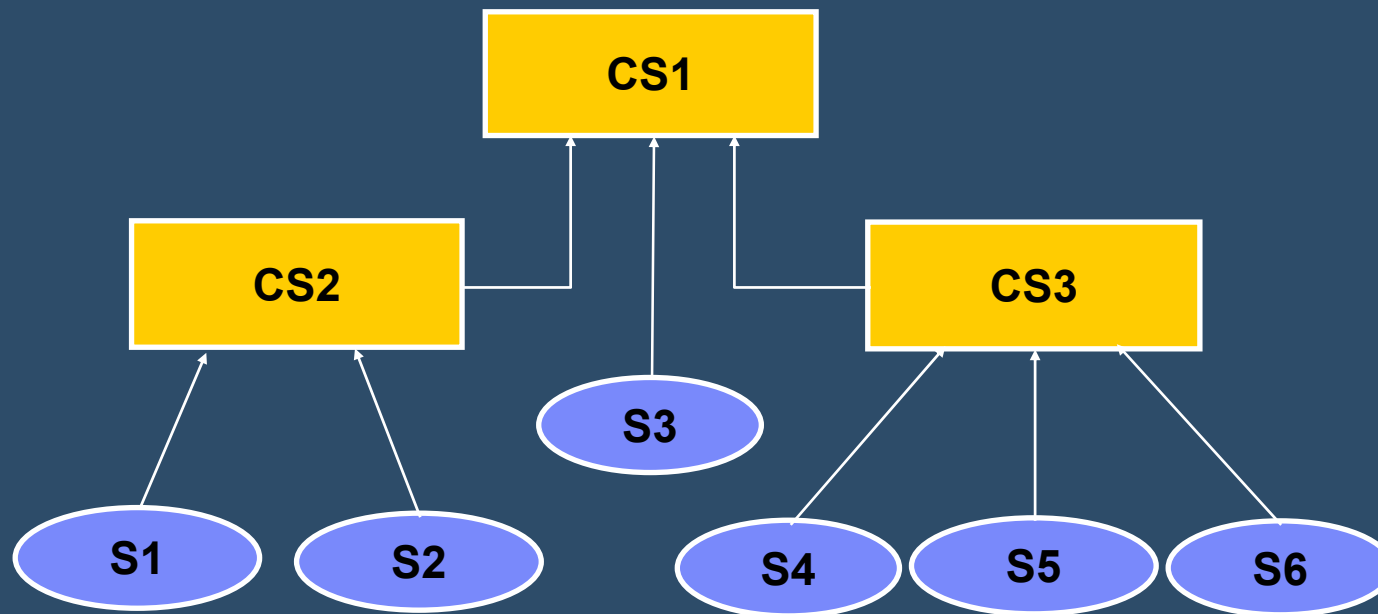
- Moyen efficace pour analyser et déterminer les problèmes d'un domaine Notes depuis une seule interface

- Comment?
 - Automatisation de la détermination des problèmes (analyse par fonction)
 - Remonte et analyse des problèmes entre les serveurs
 - Détails masqués
 - Configuration simple
 - Prépare des initiatives "autonomic computing"

Domino 7

Domino Domain Monitoring (DDM) , Data Collection Hierarchy

- CS = Collection Server
- DDM.nsf (output and UI) sur chaque serveur
- L'information est remontée via réplication sélective



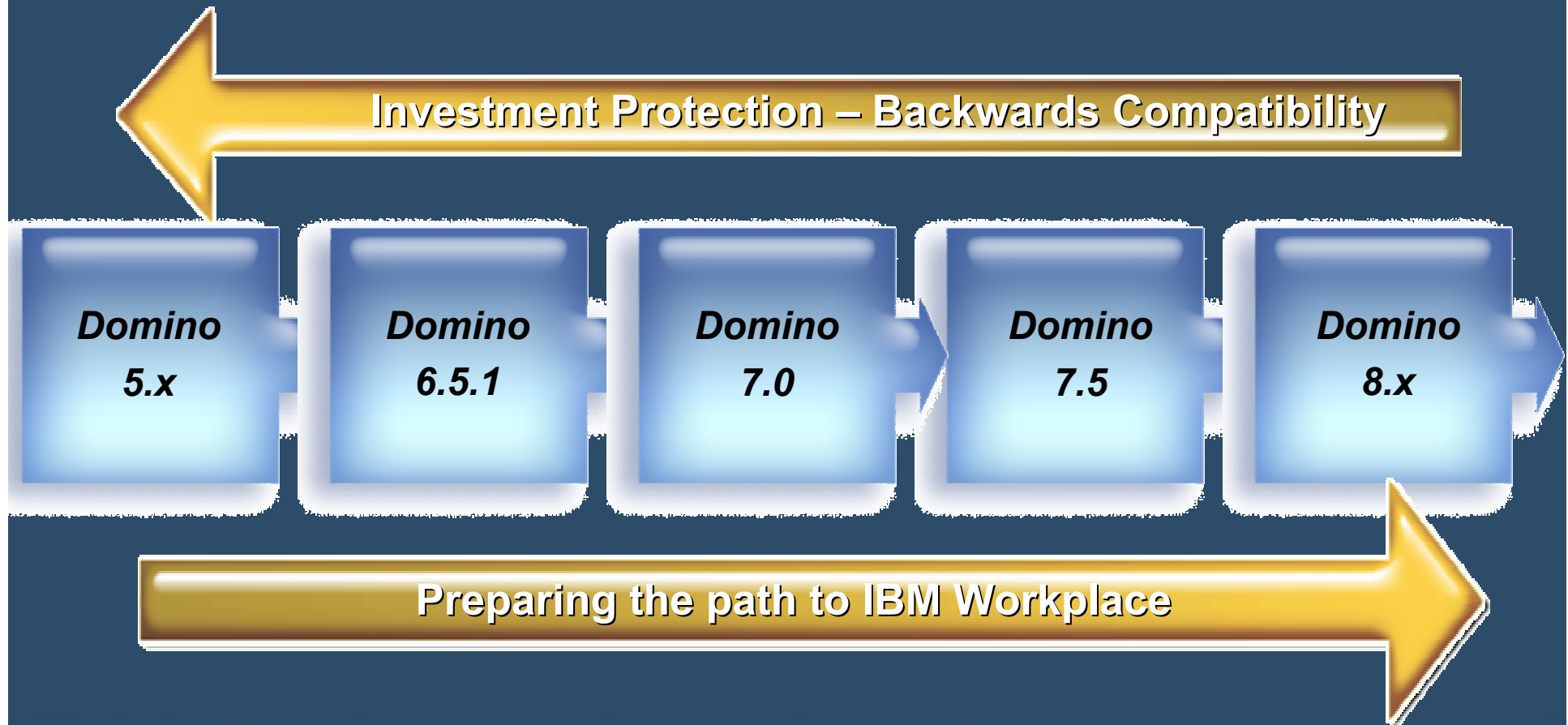
- Tivoli Analyzer - Activity Trends
 - Outil de planification / équilibrage de charge
- Anti Spam - Blacklist/Whitelist Support
 - DNS whitelists
 - Private whitelists
 - Private blacklists
- Message Disclaimers
- Domino 7.0 Web Admin Client for Linux/Mozilla
- Performance

Roadmap Domino

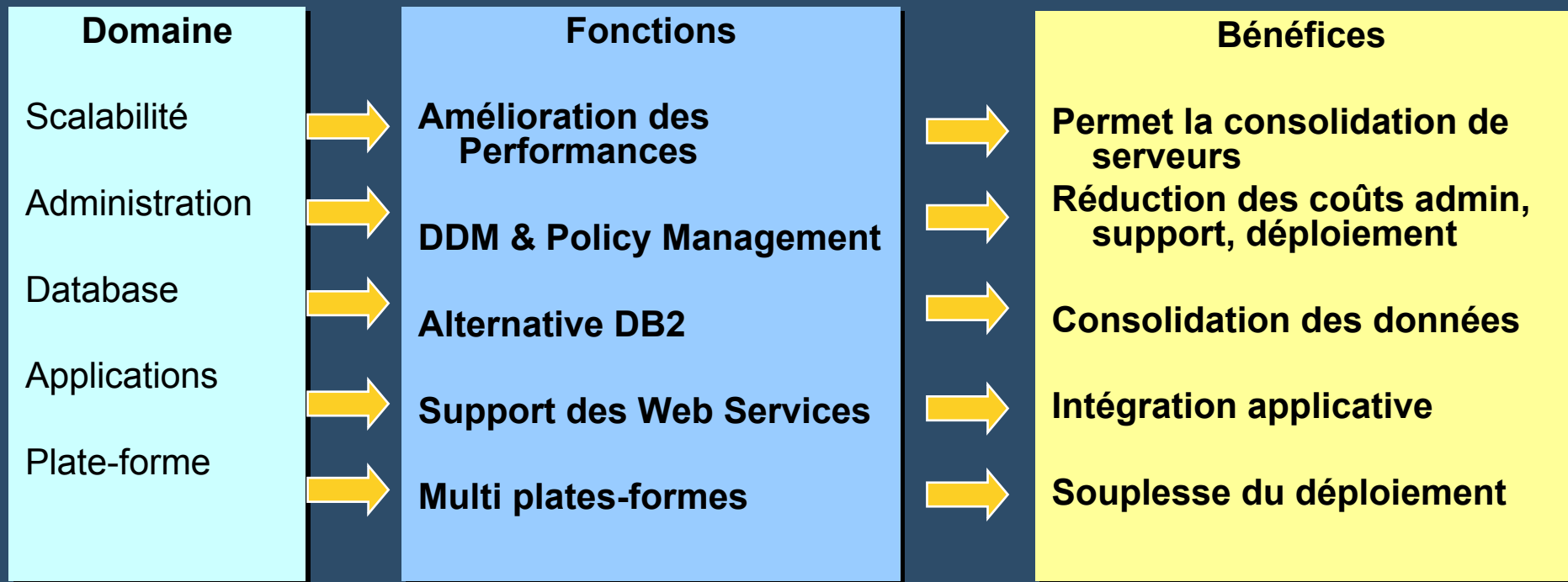
Poursuite des investissements Domino

Rôle clé dans la stratégie Workplace

ENVISION
DECISIONS



Soyez prêts pour Domino 7 !!



- Notes / Domino 7 Public beta site

www-10.lotus.com/ldd/beta/nd7pubbeta.nsf

- Feedback forum for Notes / Domino 7

[www-](http://www-10.lotus.com/ldd/beta/nd7pubbeta.nsf/DateAllThreadedWeb?OpenView)

10.lotus.com/ldd/beta/nd7pubbeta.nsf/DateAllThreadedWeb?OpenView