



Lotusphere<sup>®</sup> 2005



# IBM Lotus Notes/Domino v7, fonctionnalités et évolutions

Best of Lotusphere 2005

DECISIONS

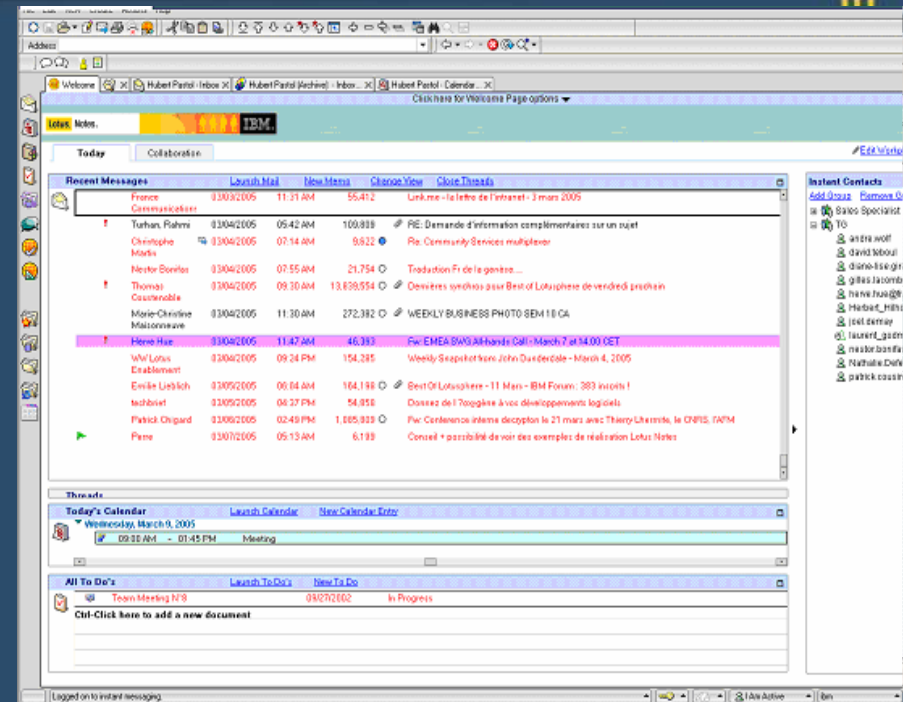


# Agenda

- 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 ...



- Forms/Views
- @Formulas

- Forms/Views
- @Formulas
- Agents
- ODBC

- Forms/Views
- @Formulas
- Agents
- ODBC
- LotusScript
- SMTP

- Forms/Views
- @Formulas
- Agents
- ODBC
- LotusScript
- SMTP
- POP/IMAP
- HTML Pages

- Forms/Views
- @Formulas
- Agents
- ODBC
- LotusScript
- SMTP
- POP/IMAP
- HTML Pages
- CORBA
- Java/Javascript

- Forms/Views
- @Formulas
- Agents
- ODBC
- LotusScript
- SMTP
- POP/IMAP
- HTML Pages
- CORBA
- Java/Javascript
- Servlets
- JSPs
- SOAP/XML

- 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 'Discussion' section of the Notes 7.0 interface. At the top, there are buttons for 'New Main Topic', 'New Response', 'New Response to Response', and 'Chat with Author'. Below these is a table with columns for 'Date' and 'Topic'. The first row shows '06/29/2004' and 'Notes Client presentations (Heidi Votaw)'. A dropdown menu is open for this entry, showing a user icon and the text 'Notes Client presentations (Heidi Votaw)'. Below this, there are two more rows: 'More updates (Heidi Votaw 06/29)' and 'New Notes 7 features (Heidi Votaw)'. To the left of the table is a sidebar with navigation options: 'All Documents', 'By Author', 'By Alternate Name', 'By Category', and 'Author Profiles'. Below the discussion section is a 'Calendar' for Heidi Votaw, showing a meeting on Tuesday, June 29, 2004, from 5 pm to 6 pm. The meeting details are: 'Meeting to review Notes 7 features', 'Location: Conference call', and 'Chair: Heidi Votaw'. A 'Chat with...' dropdown menu is also visible, with options: 'Show/Hide Instant Contact List' and 'Add to Instant Contact List...'. The 'Chat with...' button and the dropdown menu are highlighted with pink boxes.

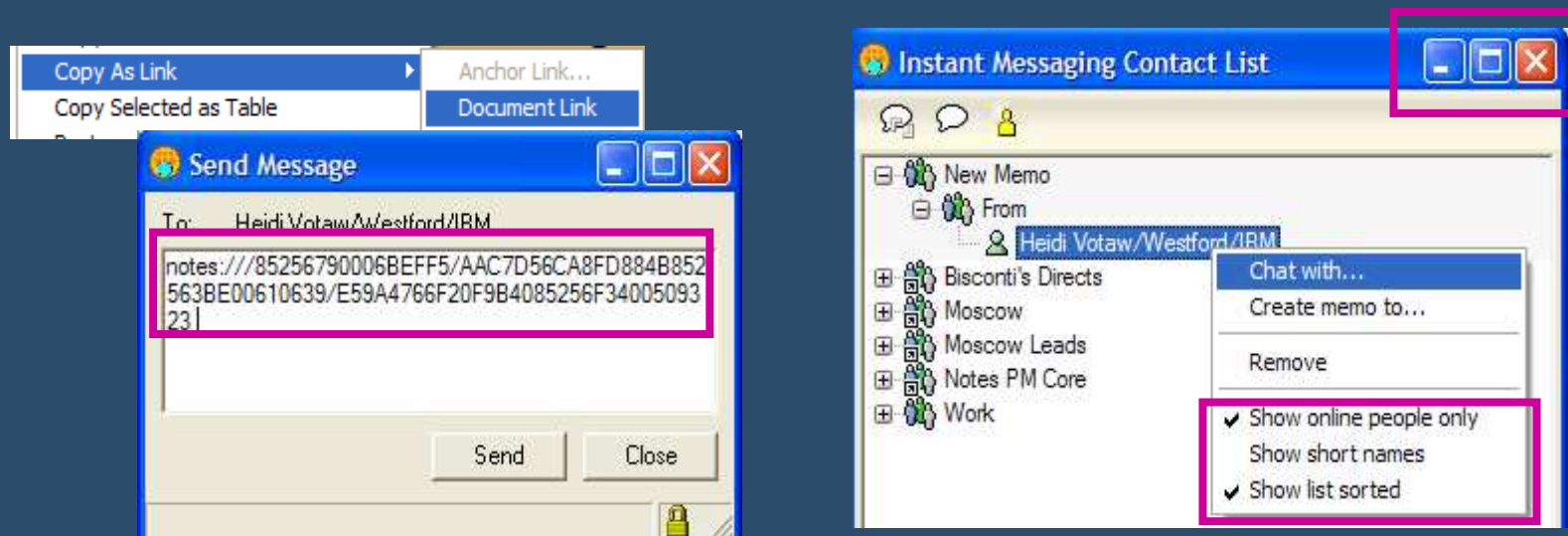
5 pm	2 pm	Meeting to review Notes 7 features Location: Conference call Chair: Heidi Votaw
6 pm	3 pm	

# Nouveautés Notes 7.0

*Intégration avec Instant Messaging et Web Conferencing*

ENVISION  
DECISIONS

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



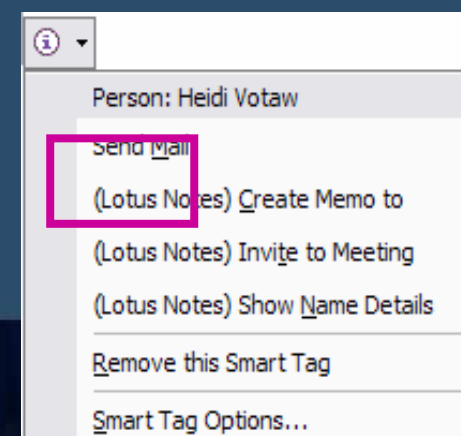
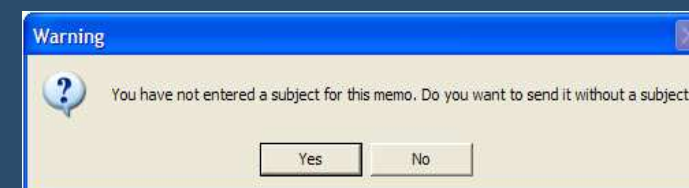
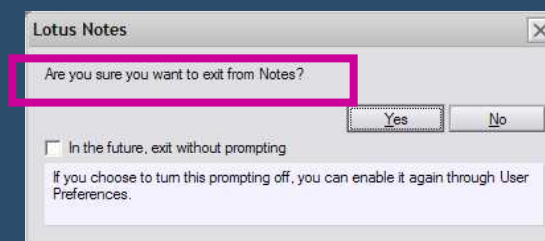
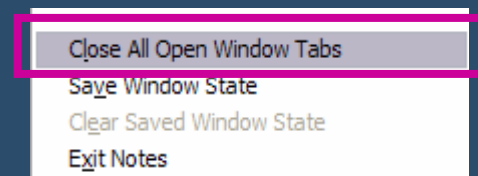


# Nouveautés Notes 7.0

*autres améliorations ...*

ENVISIONS  
DECISIONS

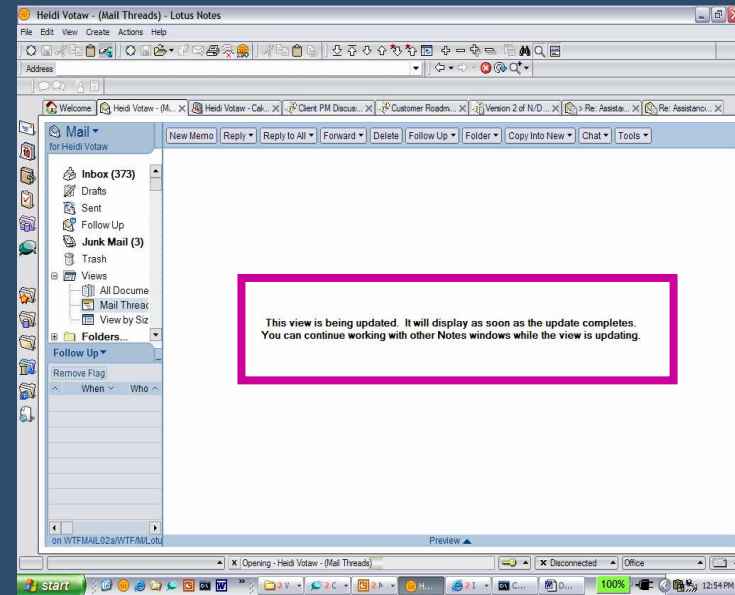
- Utilitaire de nettoyage pour l'agenda
- Interface d'archive utilisateur
- Tri par sujet dans la vue Inbox et Tous Documents
- Sauvegarde de toutes les fenêtres actives à la fermeture de Notes
- Fermeture rapide de toutes les fenêtres Notes
- Prompt de confirmation à la fermeture
- Avertissement pour 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

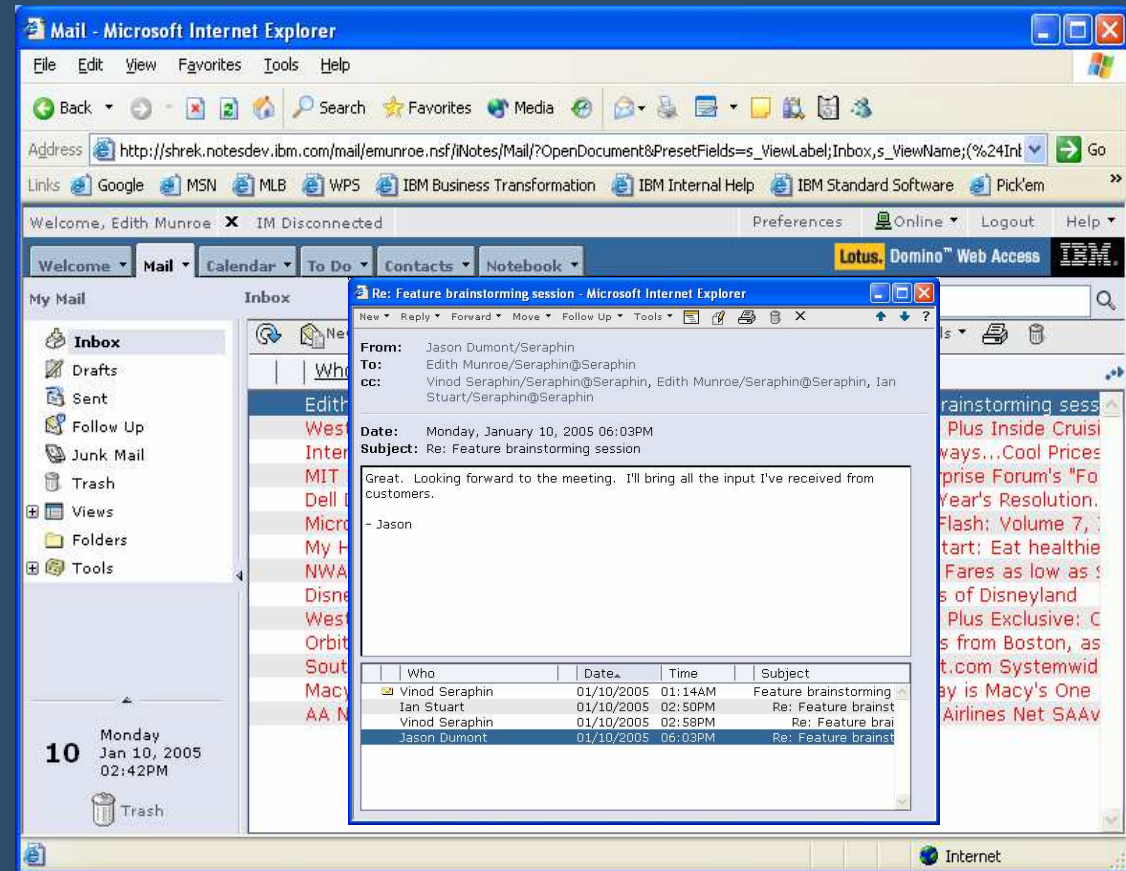
- Mail policies : Pour tous les paramètres de messagerie !
  - Préférence de messagerie (online/offline)
  - Règles (serveur/client)
  
- Desktop Policies : Pour tous les paramètres du bureau !
  - Bookmarks, settings in the location documents, archiving, security/ECL, etc
  
- Verrouillage des règles

# 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 )



- 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:	<a href="#">View/Modify...</a>
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 [X] [Grid] [List] Today [1] Day [5] Work Week [7] Week [31] 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)

10:00 Update: Lotus Workplace 2.5: Weekly Development Managers' Meeting (WTF4 - 2056)

11:00 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

Marketing review

Customer meeting

2 Items

start 45:07 - AT... DominoFor... Lotus Note... techtalk\_o... Windows T... Calendar - ... 14% 10:24 PM Tuesday 10/5/2004 005

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

The screenshot displays the 'Notes Mail - Technical Preview' window. It features a navigation bar with buttons for 'Check for Mail', 'Compose', 'Move to Folder...', 'Delete', 'Manage Folders', and 'Actions'. Below this is a sidebar with a folder tree including 'Inbox', 'Drafts', 'Sent', 'All Messages', 'Junk Mail', 'Trash [Empty]', 'Personal', 'Project1', 'Project2', 'Project3', and 'Urgent'. The main area shows an 'Inbox' table with columns for 'From', 'Subject', 'Date', and 'Size'. The table contains 13 messages, with the first one selected. The interface also includes pagination controls for 'Page 2 of 13' and a 'Usage: 0%' indicator at the bottom right.

<input type="checkbox"/>	From	Subject	Date	Size
<input type="checkbox"/>	Brendan Crotty	<a href="#">Test Invitation</a>	1/19/04 10:46 PM	2K
<input type="checkbox"/>	Brendan Crotty	<a href="#">Bring LAN Hub for demo</a>	1/19/04 10:42 PM	1K
<input type="checkbox"/>	Brendan Crotty	<a href="#">Declined: Discuss DWA 5.x Issues</a>	1/19/04 10:40 PM	2K
<input type="checkbox"/>	Brendan Crotty	<a href="#">Test encryption the other way</a>	1/19/04 4:06 PM	1K
<input type="checkbox"/>	Jason Dumont	<a href="#">Don't forget to discuss new expired session handling</a>	1/17/04 10:51 PM	1K
<input type="checkbox"/>	Brendan Crotty	<a href="#">Test Message</a>	1/17/04 3:13 PM	1K
<input type="checkbox"/>	Edge Subscriber	<a href="#">[GETTHEEDGE] The Rational Edge ezine -- January 2004 issue now available</a>	1/17/04 1:28 PM	10K
<input type="checkbox"/>	Rama Annavajhala	<a href="#">Re: We've gotten a 4th bowler</a>	1/16/04 11:56 PM	3K
<input type="checkbox"/>	Murray Hurvitz	<a href="#">Re: Way to turn off the db cache</a>	1/16/04 11:47 PM	2K
<input type="checkbox"/>	Rama Annavajhala	<a href="#">Re: We've gotten a 4th bowler</a>	1/16/04 10:00 PM	6K
<input type="checkbox"/>	Eric Myers	<a href="#">Re: Monthly date-picker in "Month" views.</a>	1/16/04 5:46 PM	87K
<input type="checkbox"/>	Murray Hurvitz	<a href="#">dbcache flush</a>	1/16/04 5:35 PM	2K
<input type="checkbox"/>	Sheryl Jablonowski	<a href="#">Wireless Network Adapter (PCMCIA card) for my Thinkpad T30</a>	1/15/04 11:39 PM	1K
<input type="checkbox"/>	Westgate Plus	<a href="#">Exotic Caribbean Deals!</a>	1/15/04 4:23 AM	19K
<input type="checkbox"/>	John LeJeune	<a href="#">Any other sessions?</a>	1/14/04 3:38 PM	137K

# 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

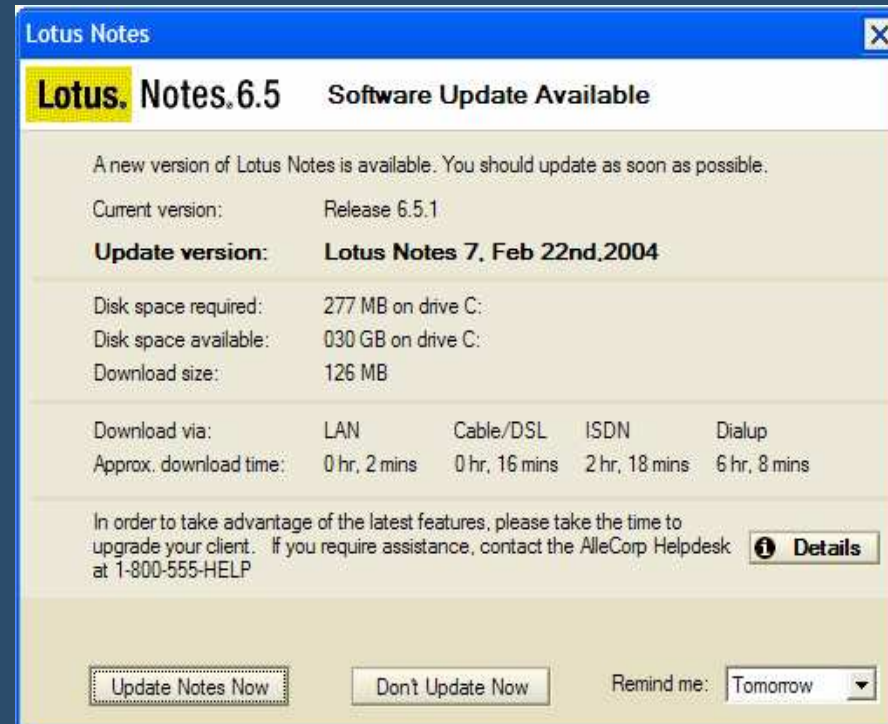
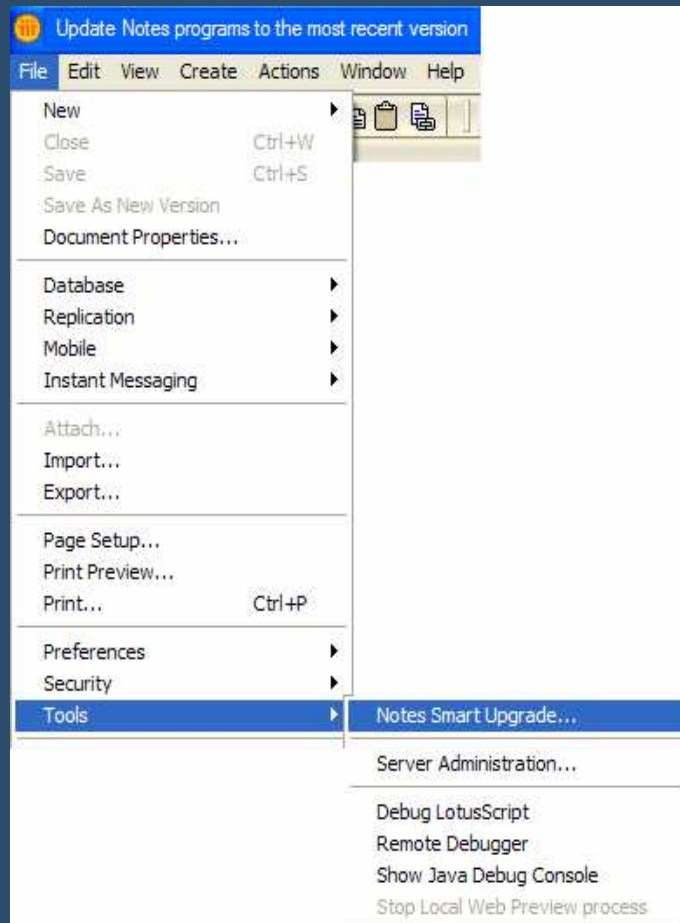
- Transaction Logging
- Gestion des Quotas
- Statistic/Event Monitoring & Reporting
- Activity Logging
- License Tracking
- AdminP (Administration Process)

- 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

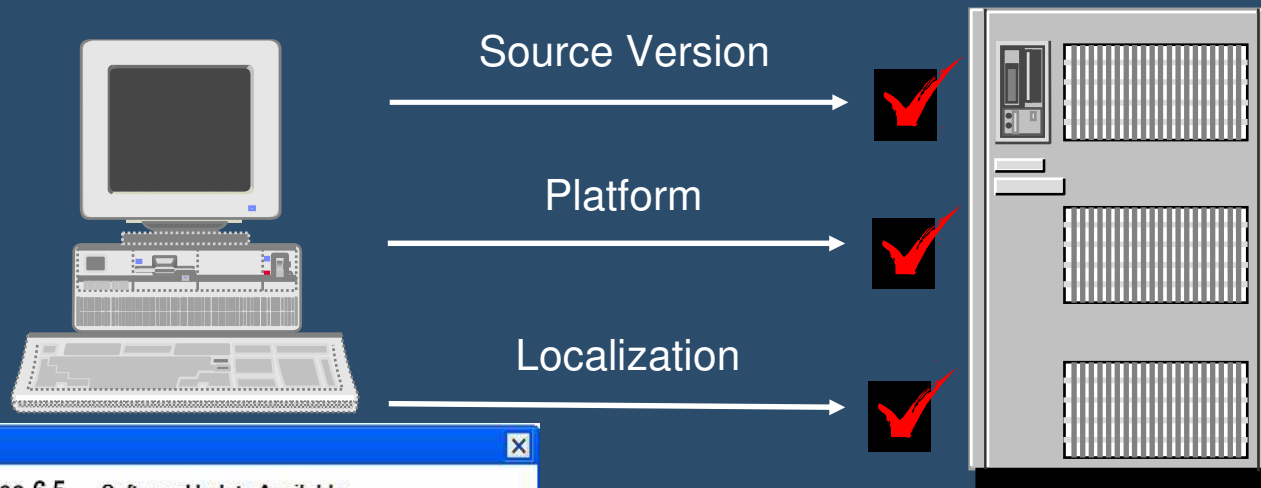
## Notes Smart Upgrade

### 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 AllCorp 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** Add Settings... Edit Settings Delete Settings

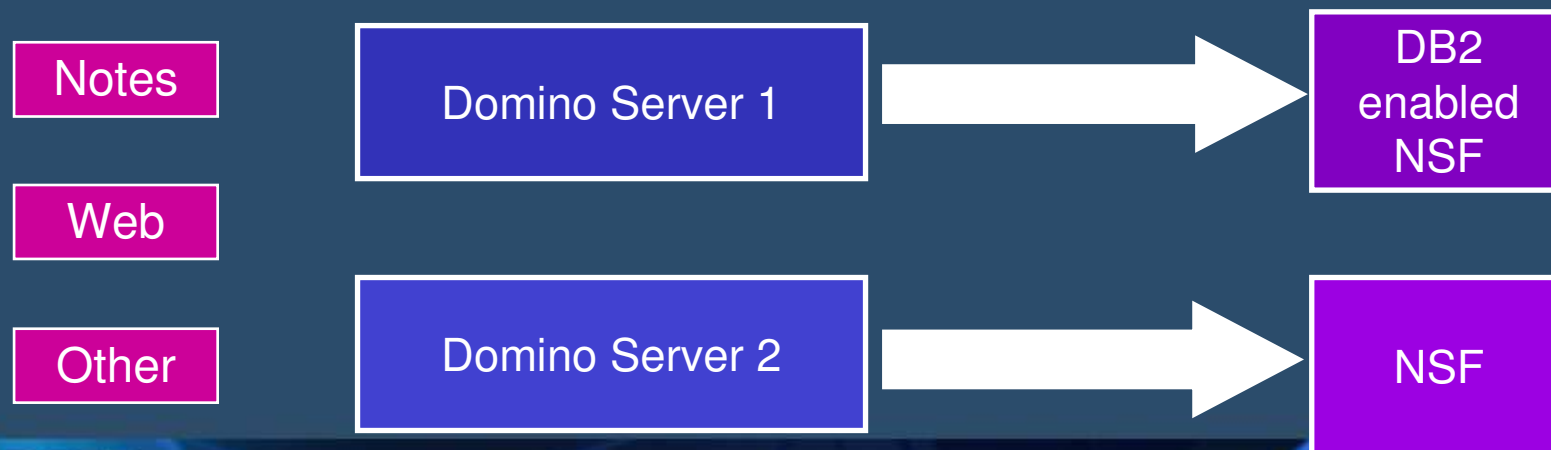
Type	Setting Name ^	Description
<b>Archive Settings</b>		
	1 Year archiving	Remove all messages older than 1 year
	3 Year archiving	Remove all messages older than 3 years
	<b>90 Day ARCHIVING</b>	Remove all messages older than 90 days
<b>Desktop Settings</b>		
	Standard Client Configuration	Preferences 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
<b>Registration Settings</b>		
	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
<b>Security Settings</b>		
	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
<b>Setup Settings</b>		
	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

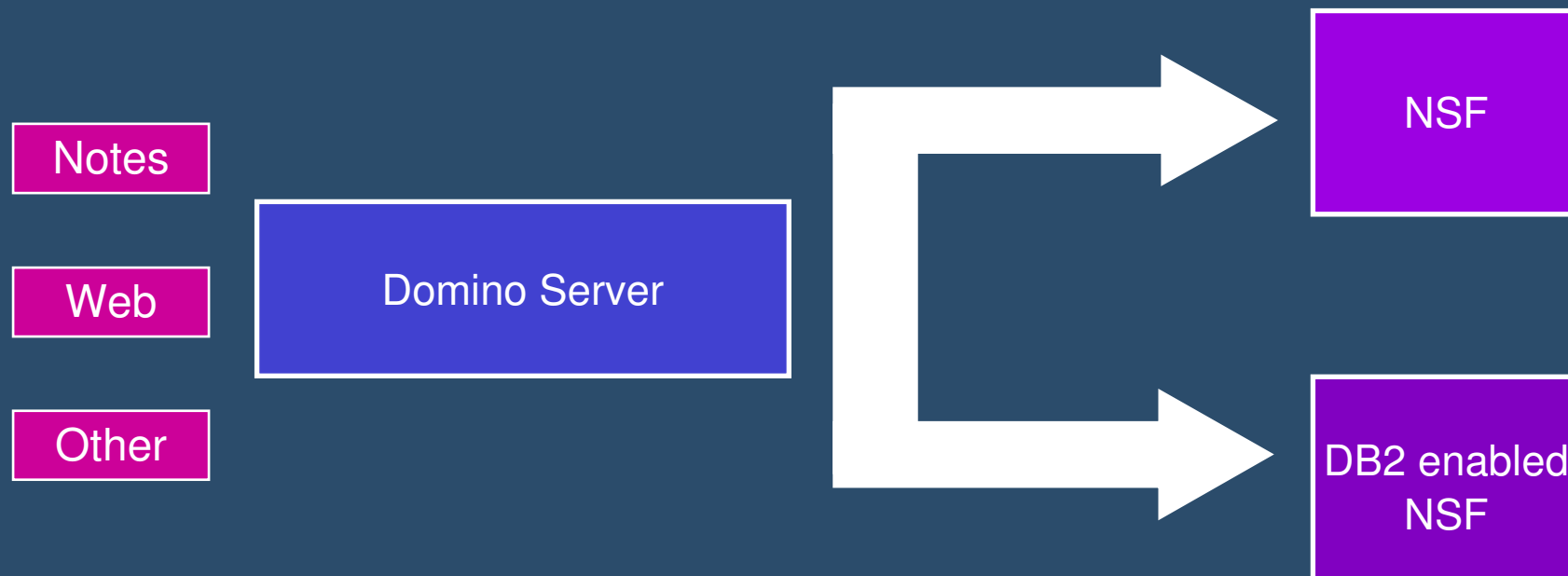
- Permettre de développer des applications Domino mixant des services de collaboration avec des données structurées en utilisant le langage SQL
- Utiliser la capacité de stockage de DB2 pour Domino
- Permettre aux entreprises de consolider leurs données dans DB2 et de les intégrer plus facilement avec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



- Domino 7 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

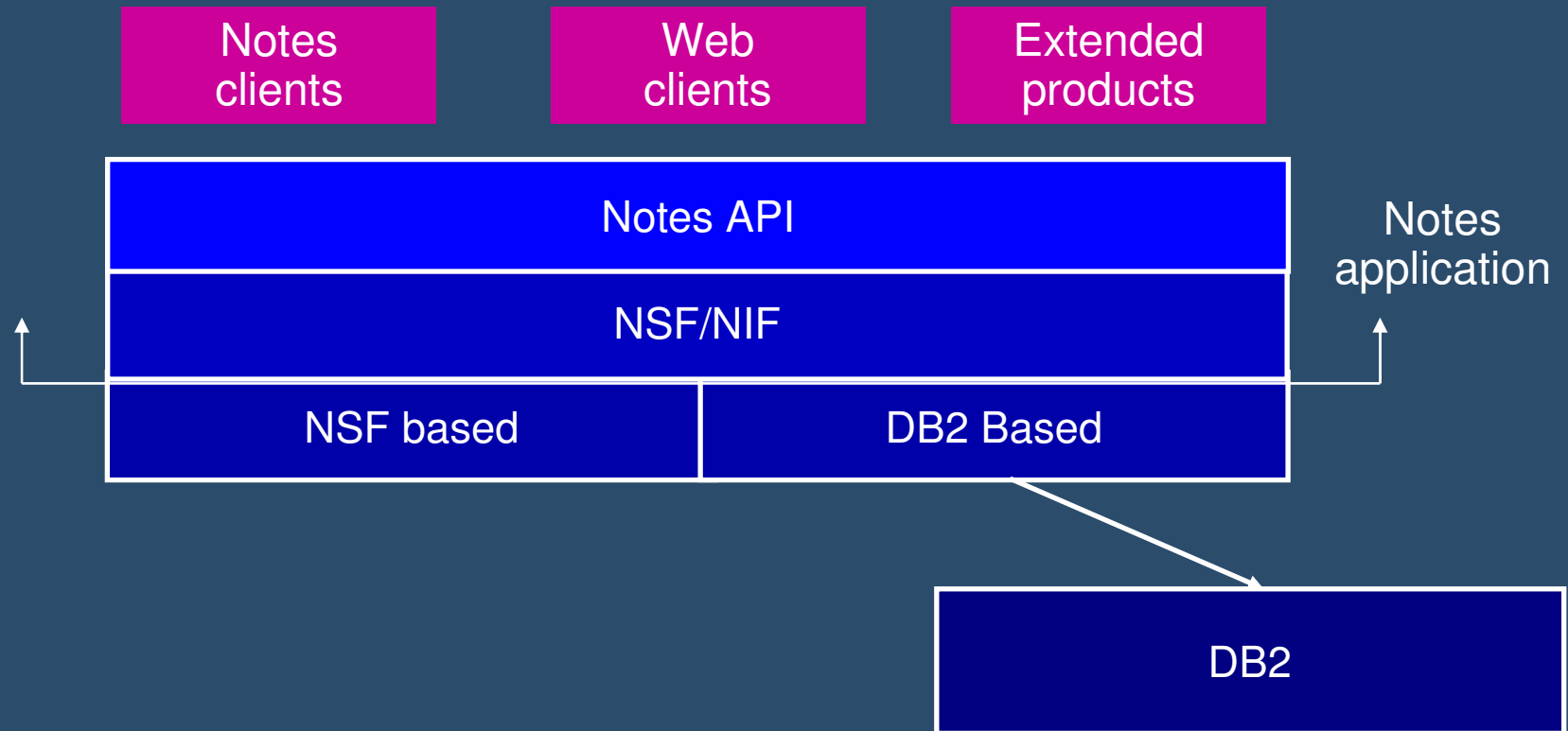


- Les serveurs Domino / DB2 peuvent gérer simultanément des bases NSF traditionnelles et des bases DB2

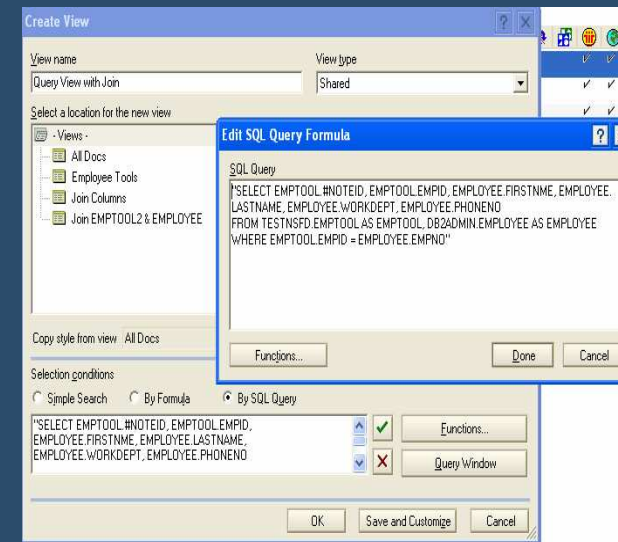
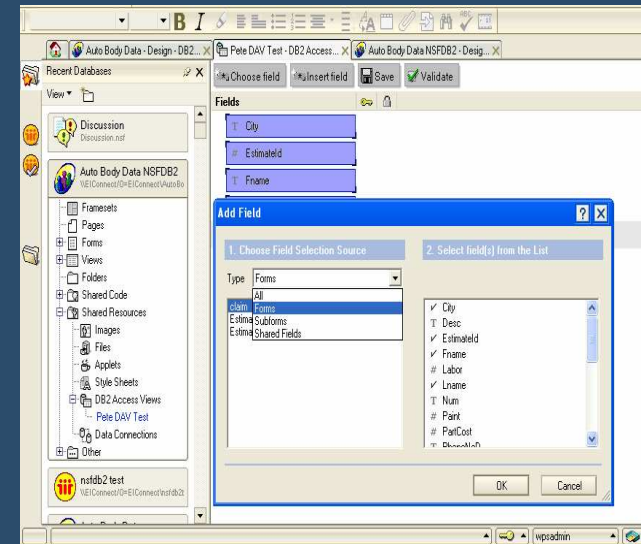


# Intégration DB2

Architecture

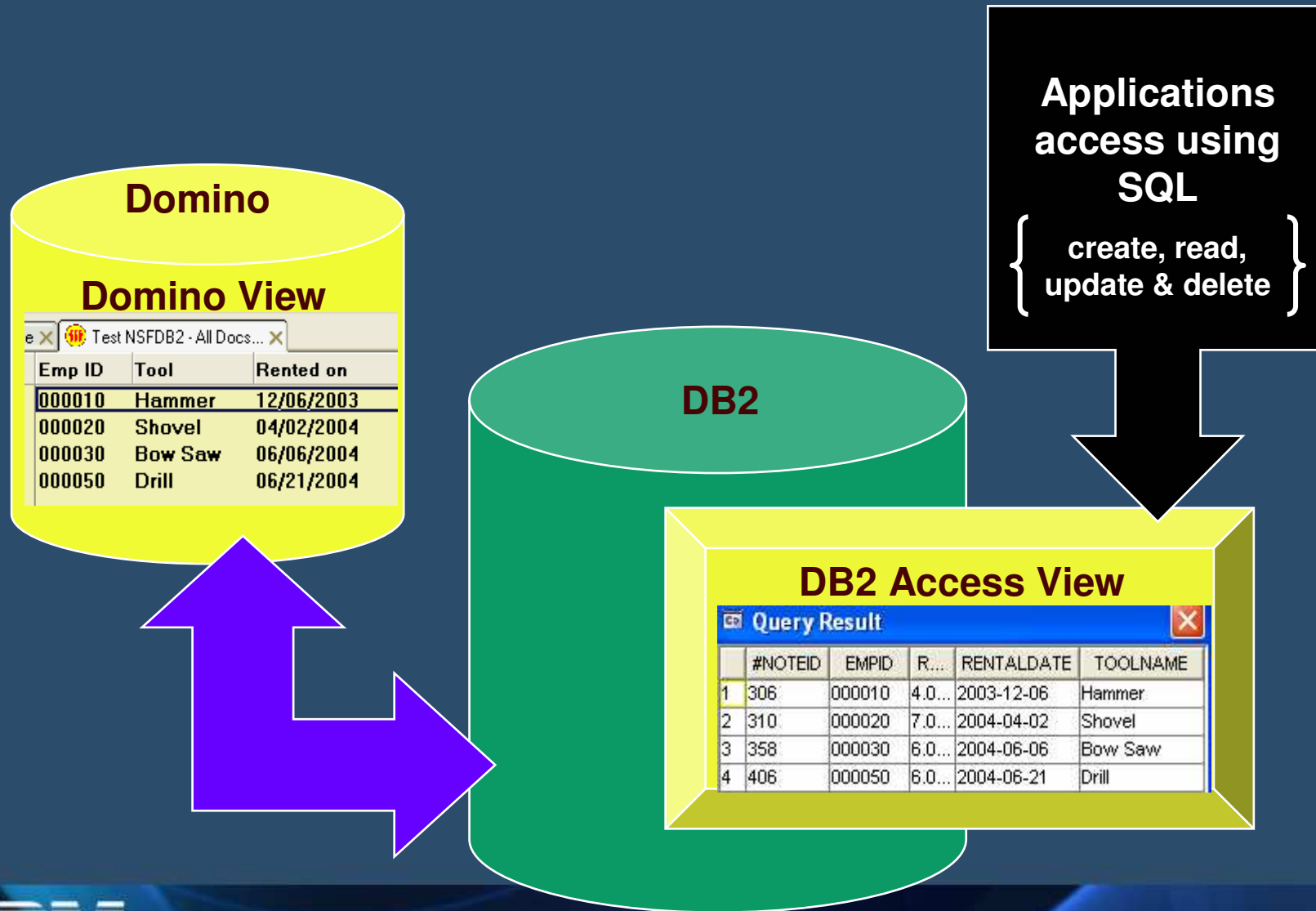


- DB2 Access View (Nouvel élément de design)
  - organise vos champs en tables
  - utilise des requêtes SQL au lieu de données Domino
  - expose les données Notes aux applications DB2
- DB2 Query views (Nouveau type de vue)
  - La sélection de vue se fait par une requête SQL
  - Données calculées, puissance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



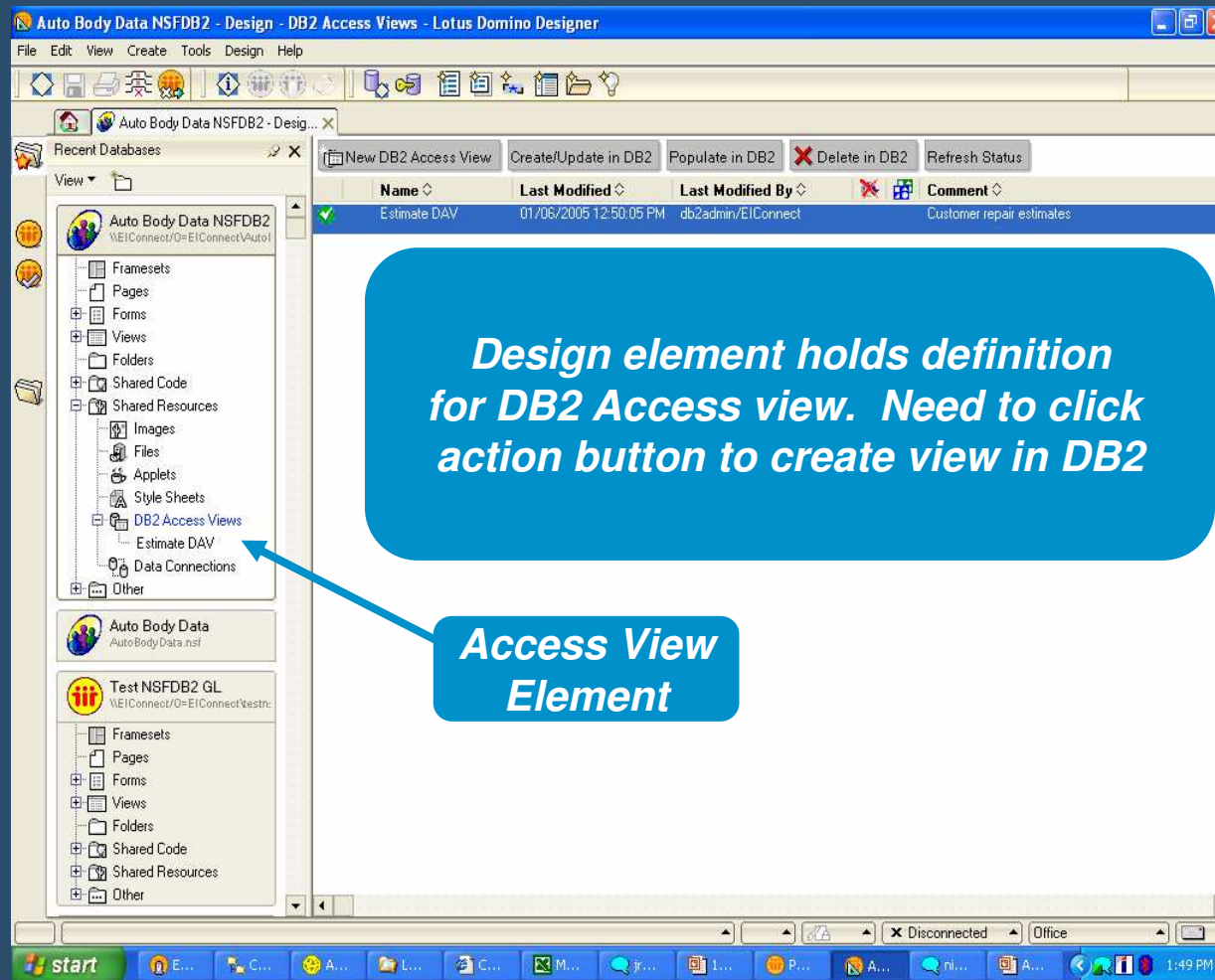
# Intégration DB2

DB2 access View



# Intégration DB2

## DB2 access View

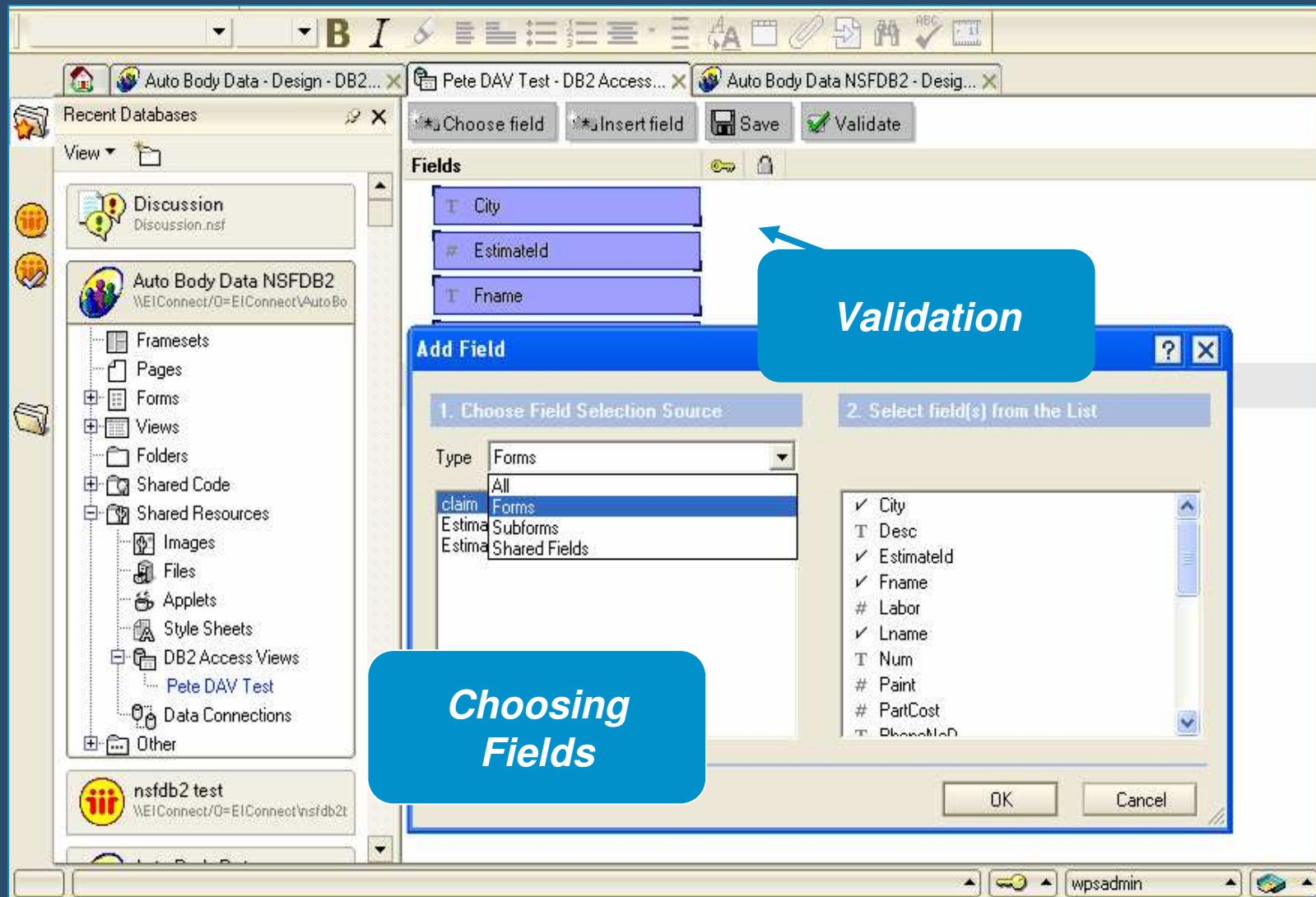


*Design element holds definition for DB2 Access view. Need to click action button to create view in DB2*

**Access View Element**

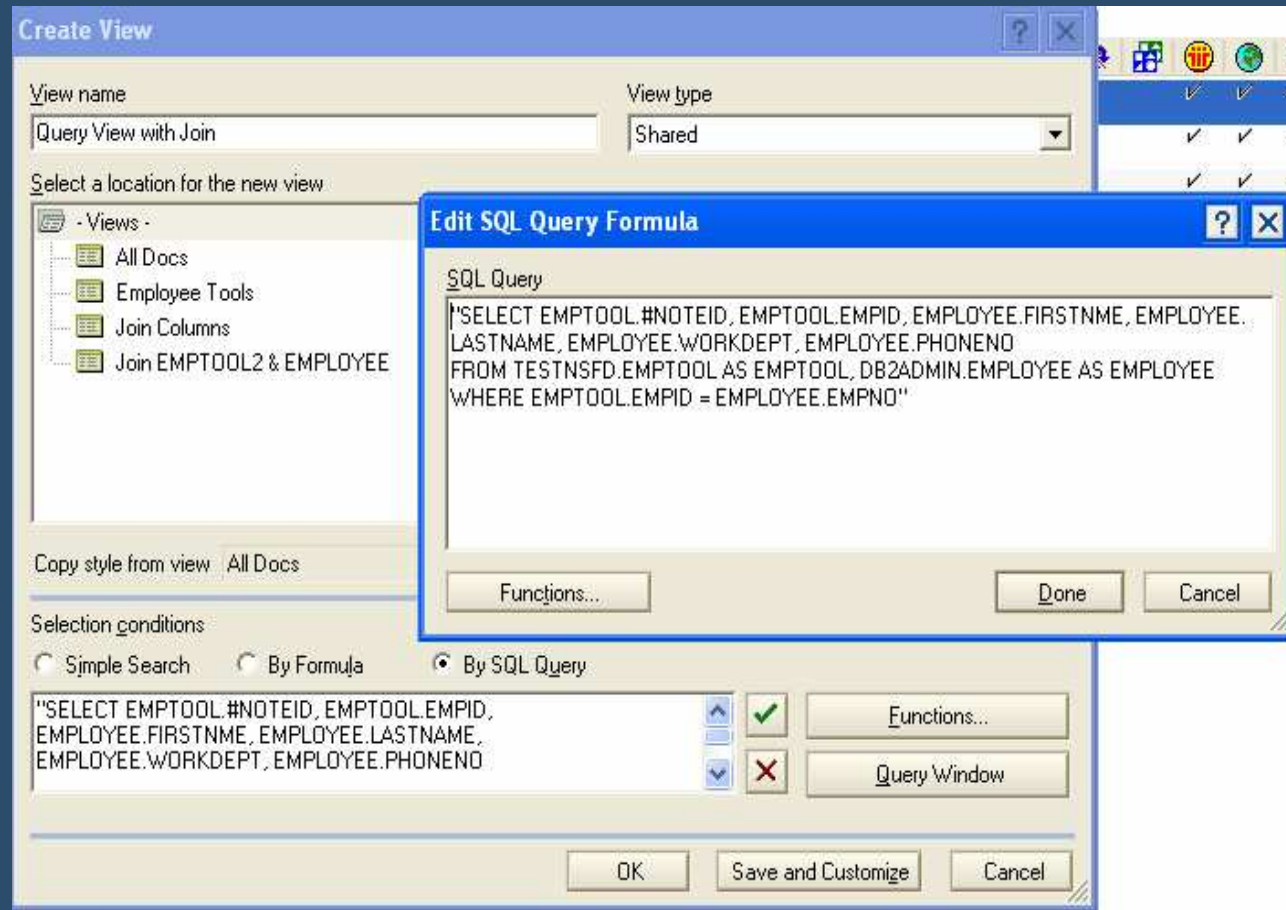
# Intégration DB2

## DB2 access View



# Intégration DB2

## DB2 Query view



**SQL  
Statement** →



# Intégration DB2

## DB2 Query view

Test NSFDB2 - Join EMPTOOL2 & EMPLOYEE - Lotus Notes

File Edit View Create Actions Help

Test NSFDB2

- All Docs
- Employee
- Join Colum
- Join EMP

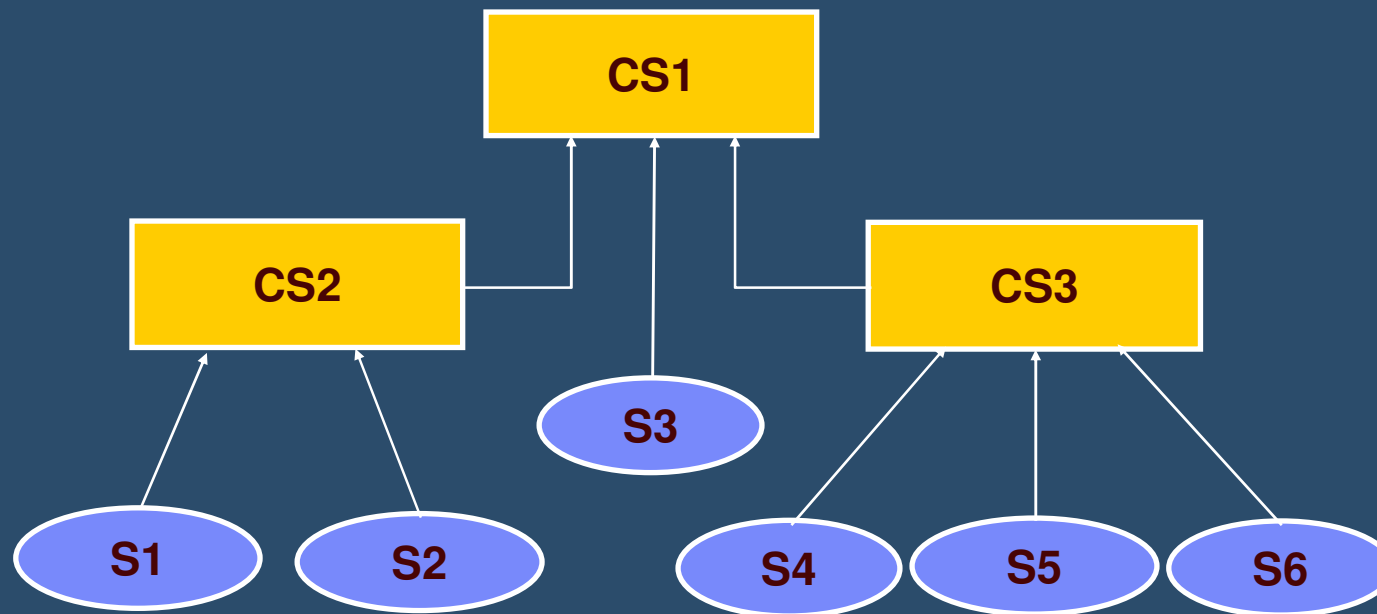
Emp ID	Tool	Rented on	First Name	Last Name	Phone #	Department
000010	Hammer	12/06/2003	CHRISTINE	HAAS	3978	A00
000020	Shovel	04/02/2004	MICHAEL	THOMPSON	3476	B01
000030	Bow Saw	06/06/2004	SALLY	KWAN	4738	C01
000050	Drill	06/21/2004	JOHN	GEYER	6789	E01

**Data from DB2 Access View**

**Data from Different DB2 App**

- 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"

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



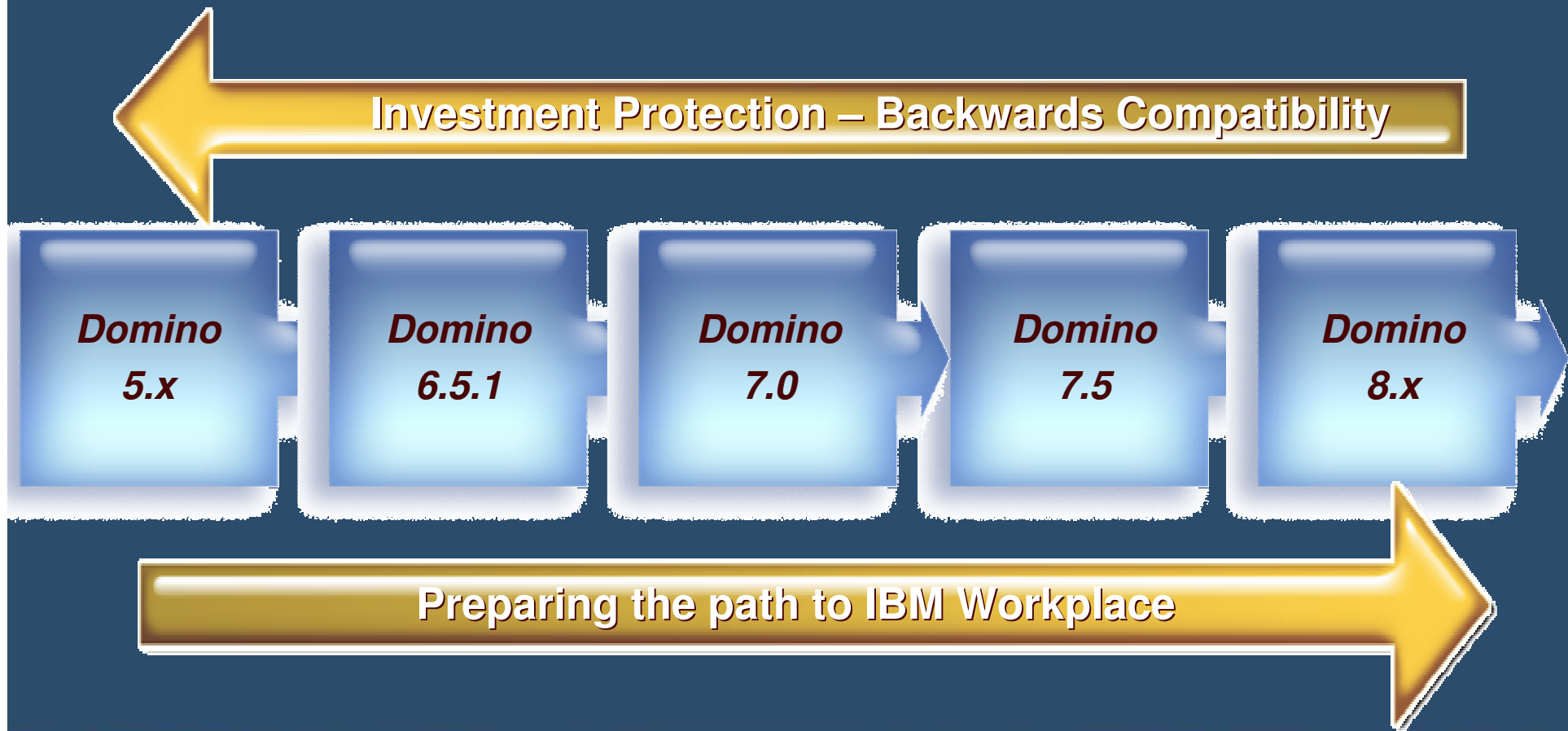
- Tivoli Analyzer - Activity Trends
  - Outil de planification / équilibrage de charge
- Anti Spam - Blacklist/Whitelist Support
  - DNS whitelists
  - Private whitelists
  - Private blacklists
- Message Disclaimers
- Domino 7.0 Web Admin Client for Linux/Mozilla
- Performance

# Roadmap Domino

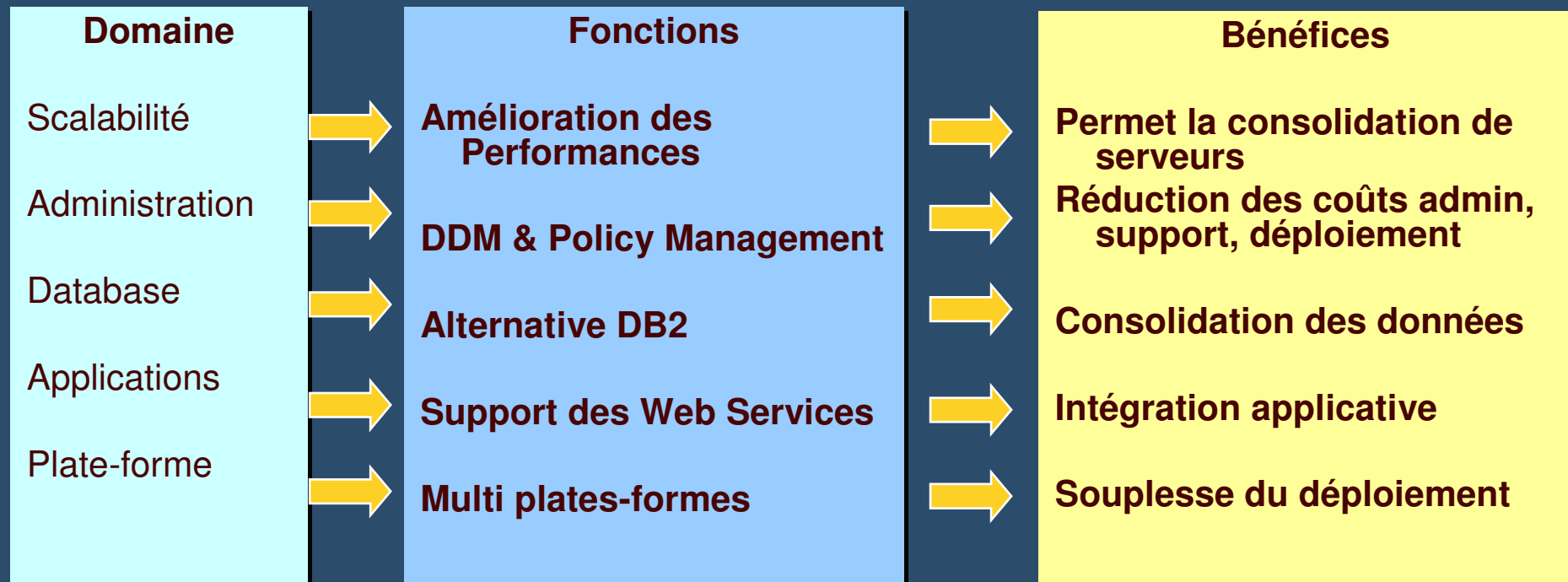
# Poursuite des investissements Domino

*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](http://www-10.lotus.com/ldd/beta/nd7pubbeta.nsf)
- Feedback forum for Notes / Domino 7  
[www-10.lotus.com/ldd/beta/nd7pubbeta.nsf/DateAllThreadedWeb?OpenView](http://www-10.lotus.com/ldd/beta/nd7pubbeta.nsf/DateAllThreadedWeb?OpenView)