

Lotusphere 2010  
Jeudi 25 mars - Bois-Colombes



**Lotus sait bien comment bâtir  
une entreprise plus intelligente**

# IBM Lotus Connections

**Administration & Architecture**



<a href="#">Blogs</a>	<a href="#">Profile</a>	<a href="#">Activities</a>	<a href="#">Bookmarks</a>	⌵
<a href="#">Communities</a>	<a href="#">Wikis</a>	<a href="#">Files</a>		
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<a href="#">Send e-mail</a>	<a href="#">Chat</a>	<a href="#">More Actions</a>		

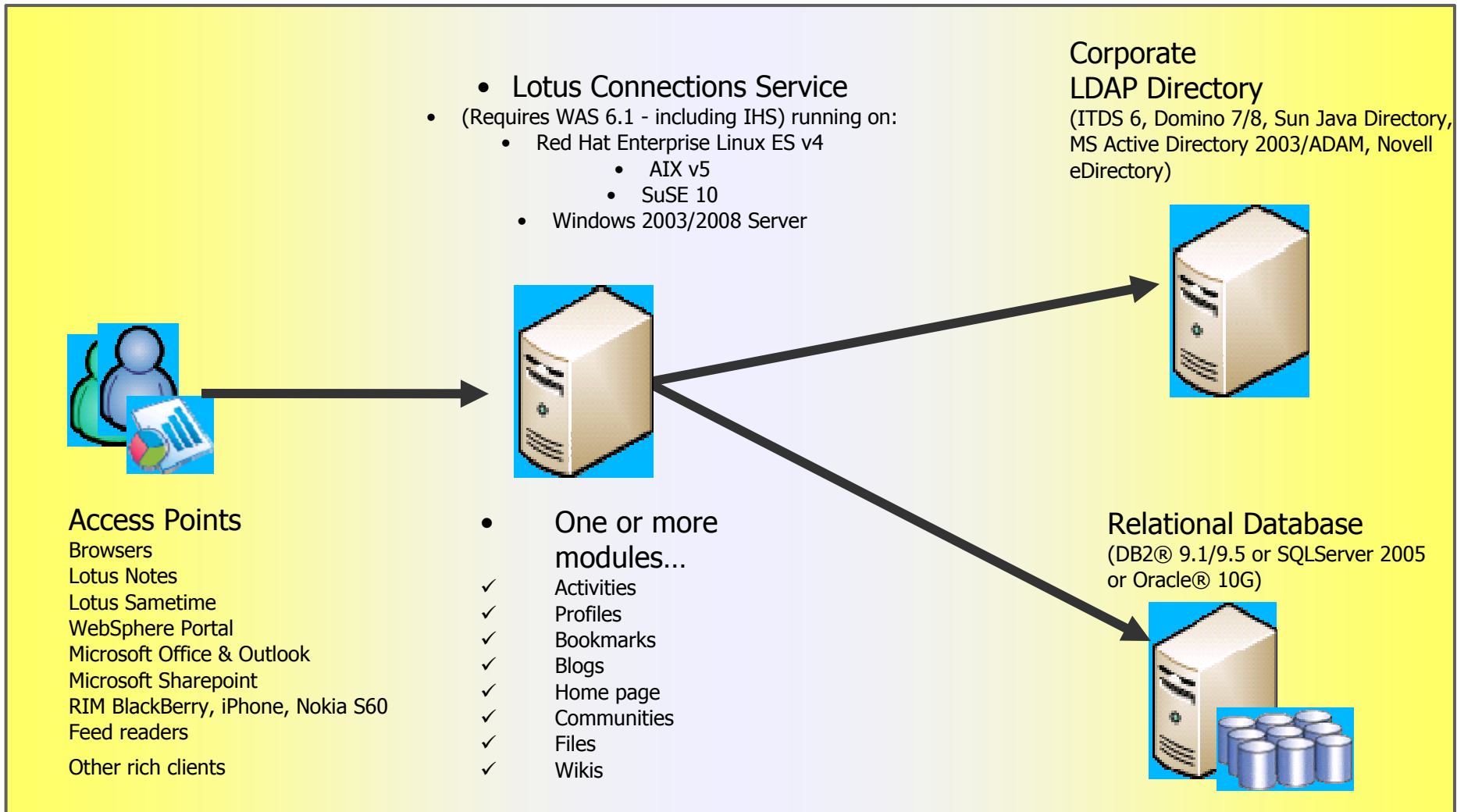
# Agenda



- ▶ **Introduction**
- ▶ Topologie d'Architecture
- ▶ Processus d'Installation
- ▶ Administration Lotus Connections
- ▶ Tuning & Troubleshooting
- ▶ Environnements Supportés

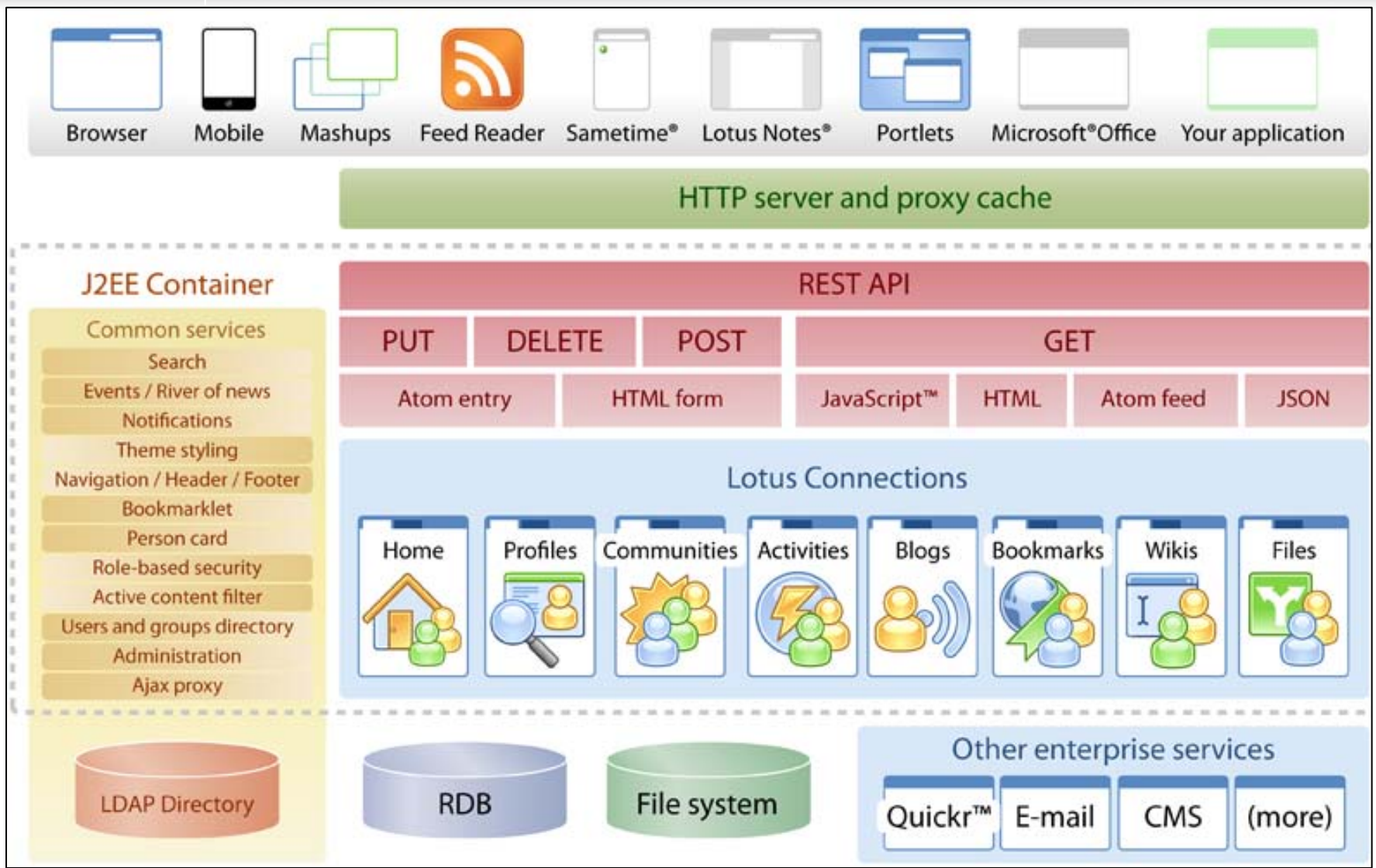


# Infrastructure Lotus Connections





# Service Oriented Architecture - Lotus Connections



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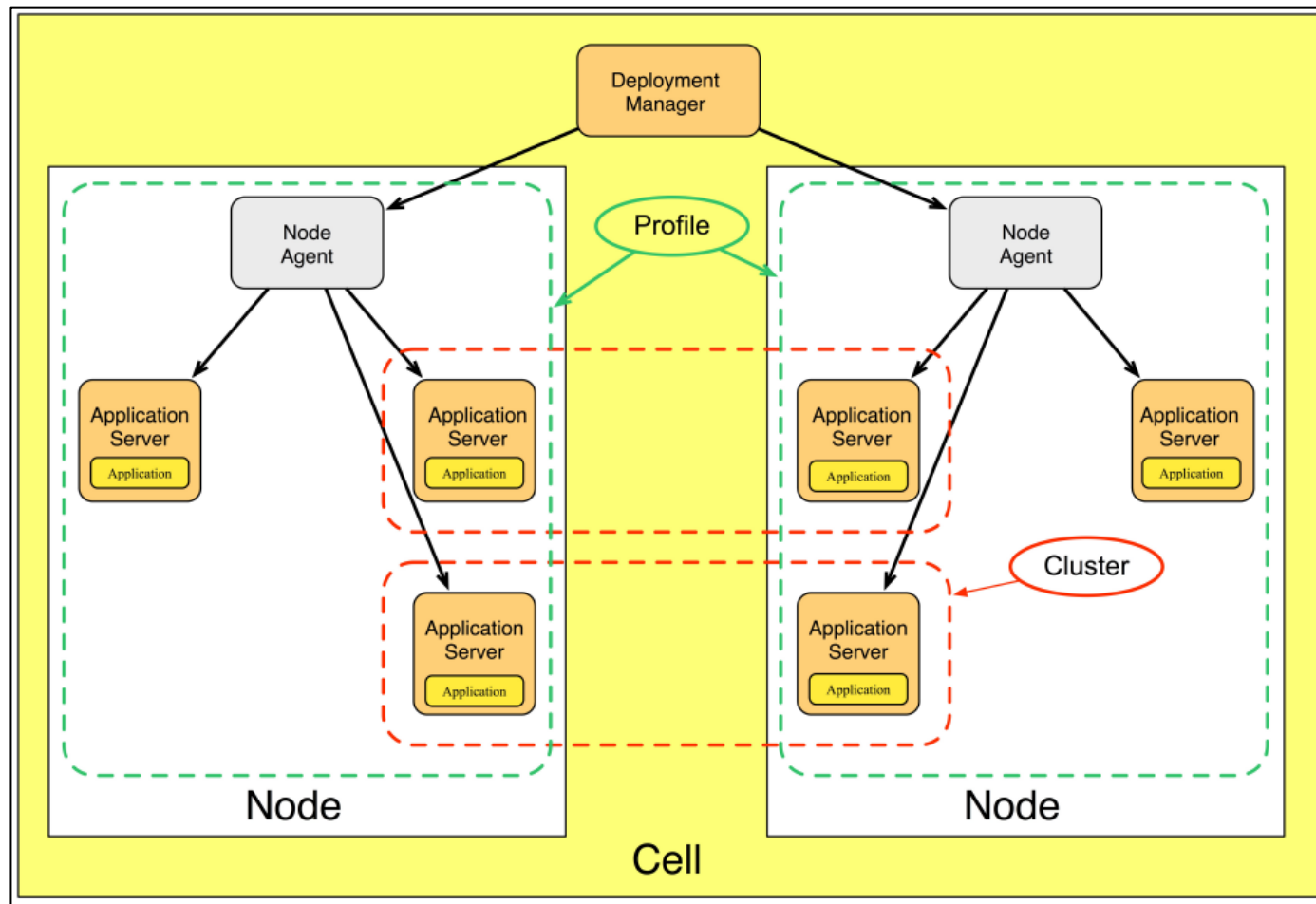
# Rappel sur la terminologie WebSphere & Lotus Connections



- Node – défini un système, physique ou virtuel
  - Profile – un ensemble de paramètres Websphere pour un node
  - Application Server – processus d'une machine virtuel Java
  - Application – une application serveur Java
  - Cluster – un groupe de serveurs, qui exécute les mêmes applications
  - Cell – un domaine administratif d'un ou plusieurs serveurs
  - Deployment Manager (DM) – l'application d'administration de gestion du cell
- 
- Lotus Connections est composé de multiples composants
    - Activities, Blogs, Profiles, etc sont tous des composants
    - Les composants sont des applications WebSphere



# Terminologie WebSphere & Connections





# Quel type d'installation choisir ?

Différentes options sont possible à l'installation

- Standalone
  - Doit être utilisé pour une machine simple / Pilote ou un PoC
- Advanced Standalone
  - Utilisé pour des scénarii d'installation très précis, non commun
  - Nécessite une configuration manuelle pour activer chaque module
- Network Deployment
  - Recommandé pour la plupart des déploiement
  - Deployment Manager simplifie l'administration d'architecture complexe



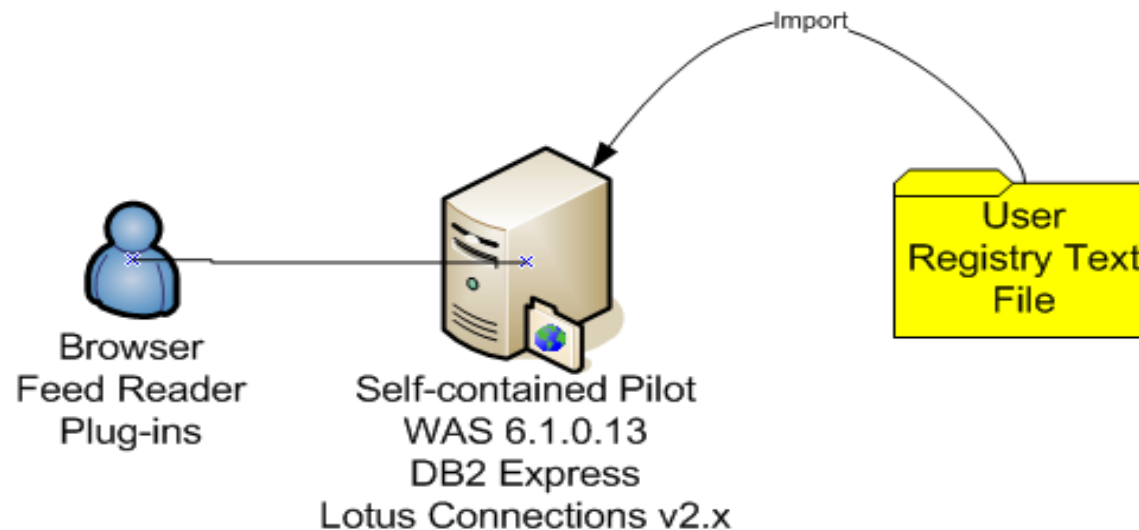
## Quel type d'installation choisir ?

---

- 1,000 utilisateurs – Système unique
- 10,000 utilisateurs – 1 nœud WebSphere, 1 serveur de base de données, 1 reverse proxy pour le cache
- 100,000 utilisateurs – 1 nœud WebSphere (multiple serveurs), 1 serveur de base de données (multiple instances), 1 reverse proxy pour le cache
- Plus utilisateurs ? – multiple nœud WebSphere , multiple serveur de base de données, et reverse proxy pour le cache



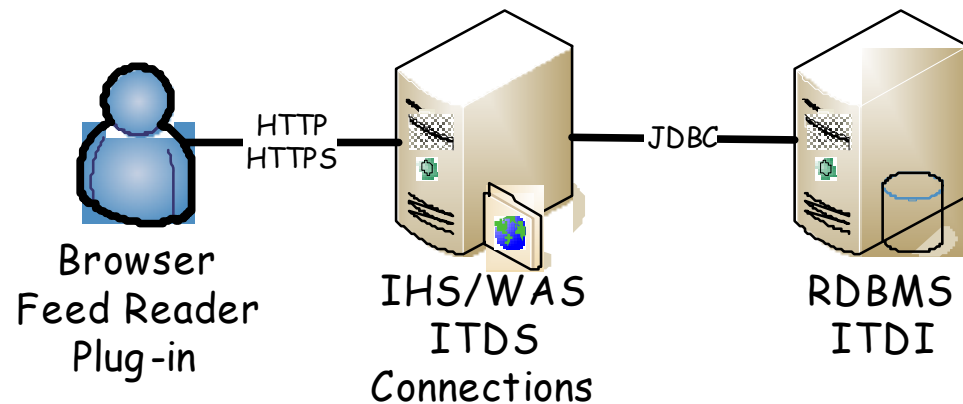
# Installation Pilote



- Supporte uniquement Windows 2003
- Pas plus de 100 utilisateurs simultanés
- L'installation déploie WebSphere Application Server 6.1.0.23 et DB2 Express
- Aucun LDAP est installé, et pas de support à un LDAP existant
- Le registre utilisateur est défini au sein de WAS par un fichier XML
- Possibilité de migrer les données vers un environnement de production



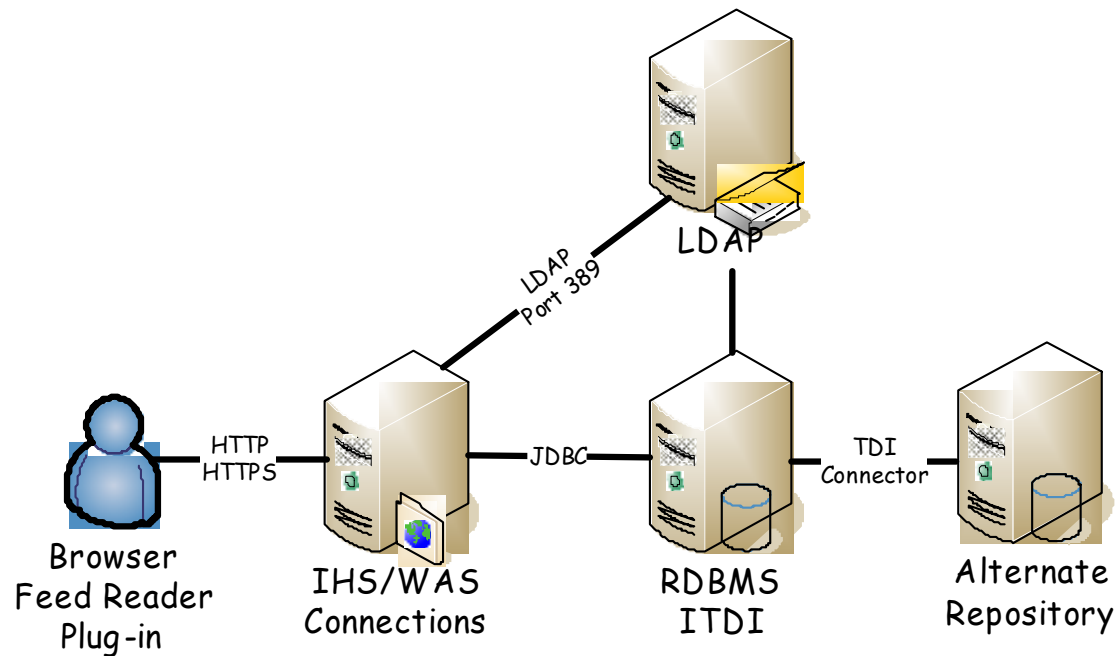
# Déploiement de Pilote ou Proof Of Concept



- Adéquat pour des environnements de démo ou de tests
- Tous les composants sont installés dans leur propre serveur WAS
  - ▶ L'installation global sur server1 n'est pas recommandé
  - ▶ Recommandation d'utilisation de JVMs dédiées



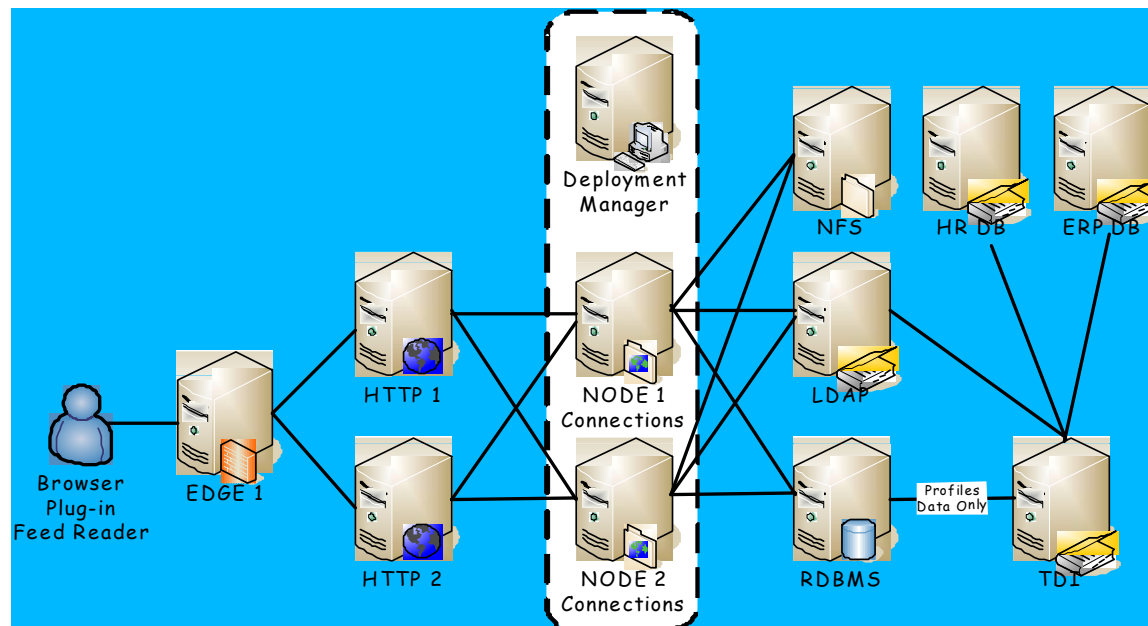
# Small system/Pilot deployment



- Adéquat pour des départements, ou small business
- TDI peut récupérer les données de systèmes LDAP ou d'autres conteneurs (i.e. PeopleSoft, SAP, etc)



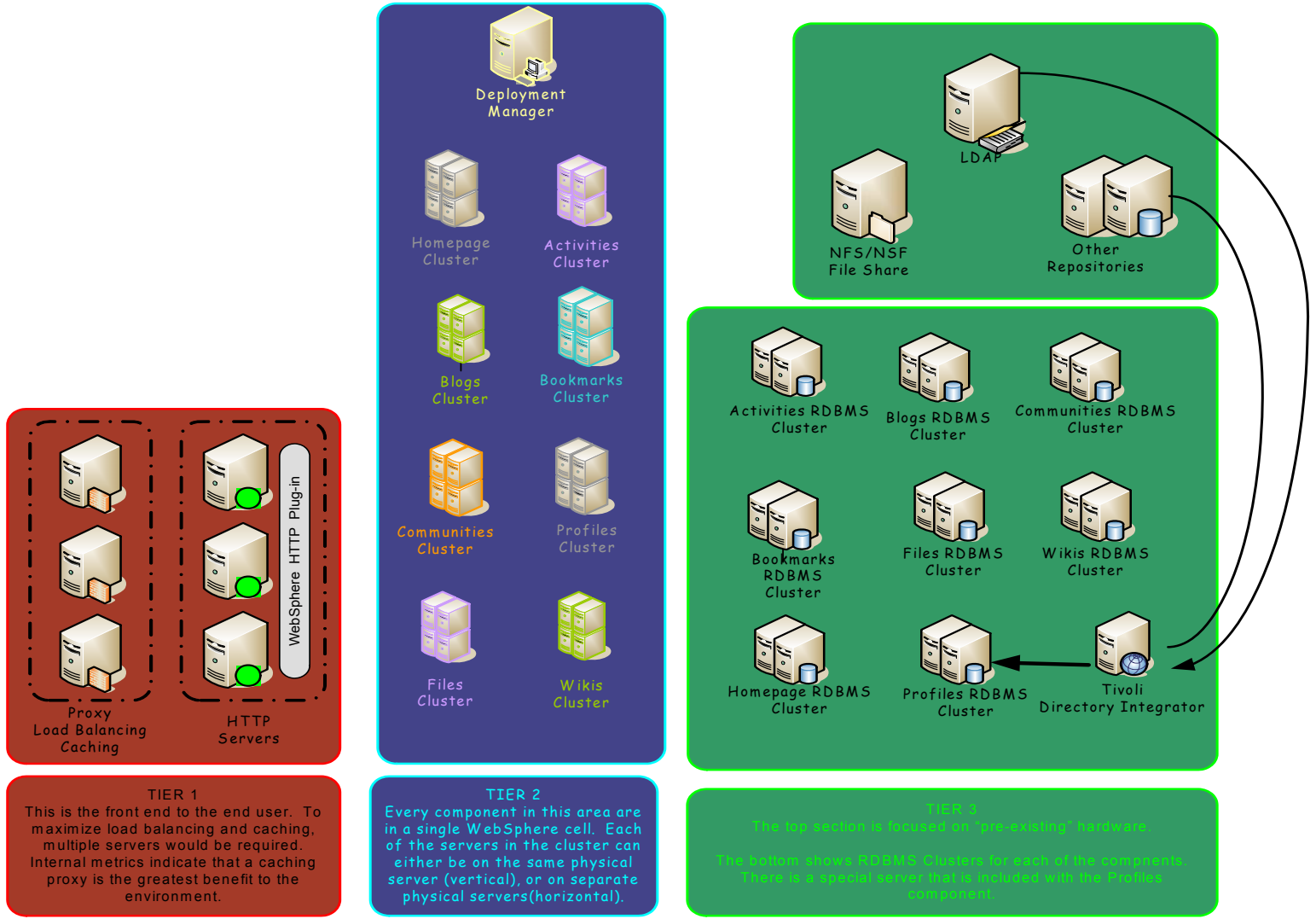
# Système Clusterisé



- Adéquat pour la plupart de déploiement
- Les serveurs WebSphere Application Server doivent avoir en commun un même système de fichier partagés pour Activities, Blogs, Files, and Wikis
  - ▶ Montage NFS
  - ▶ Partage Windows/SAMBA
- Edge, LDAP, DB2, IHS peuvent aussi être clusterisé



# Topologie de Déploiement Complexe



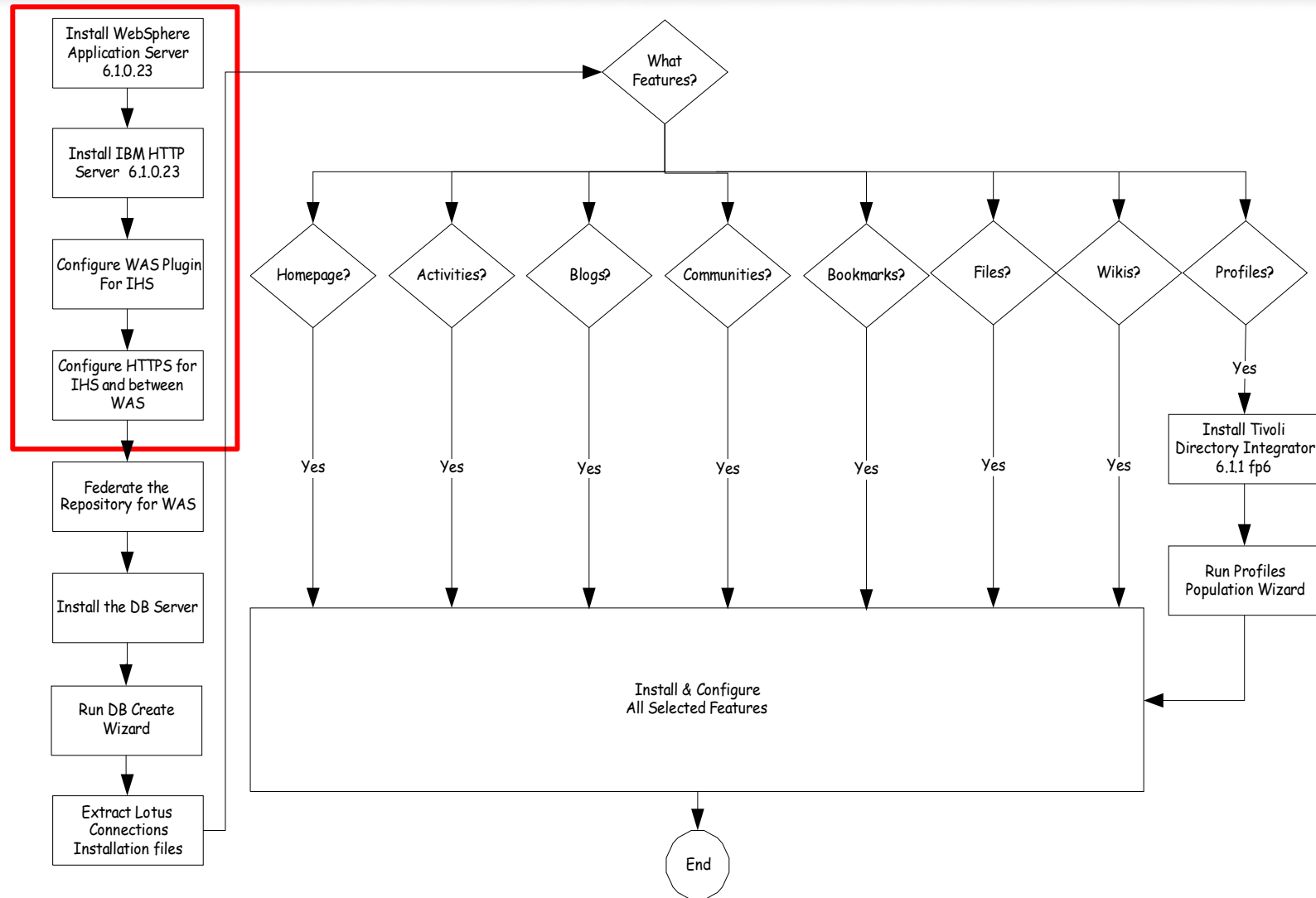
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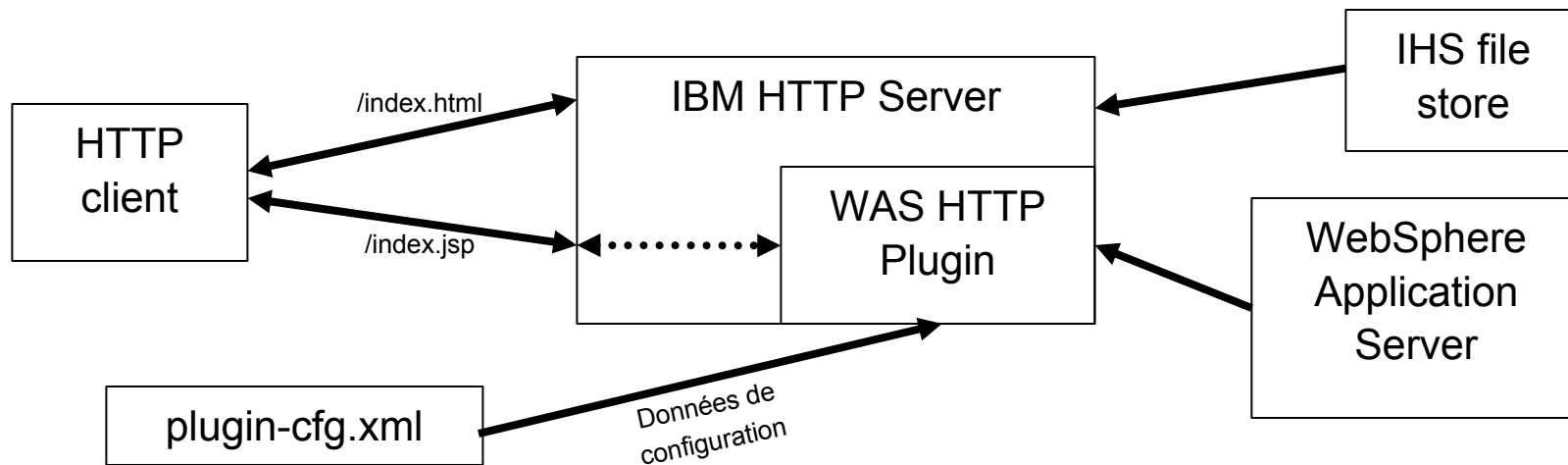


# Vue d'ensemble du processus d'Installation





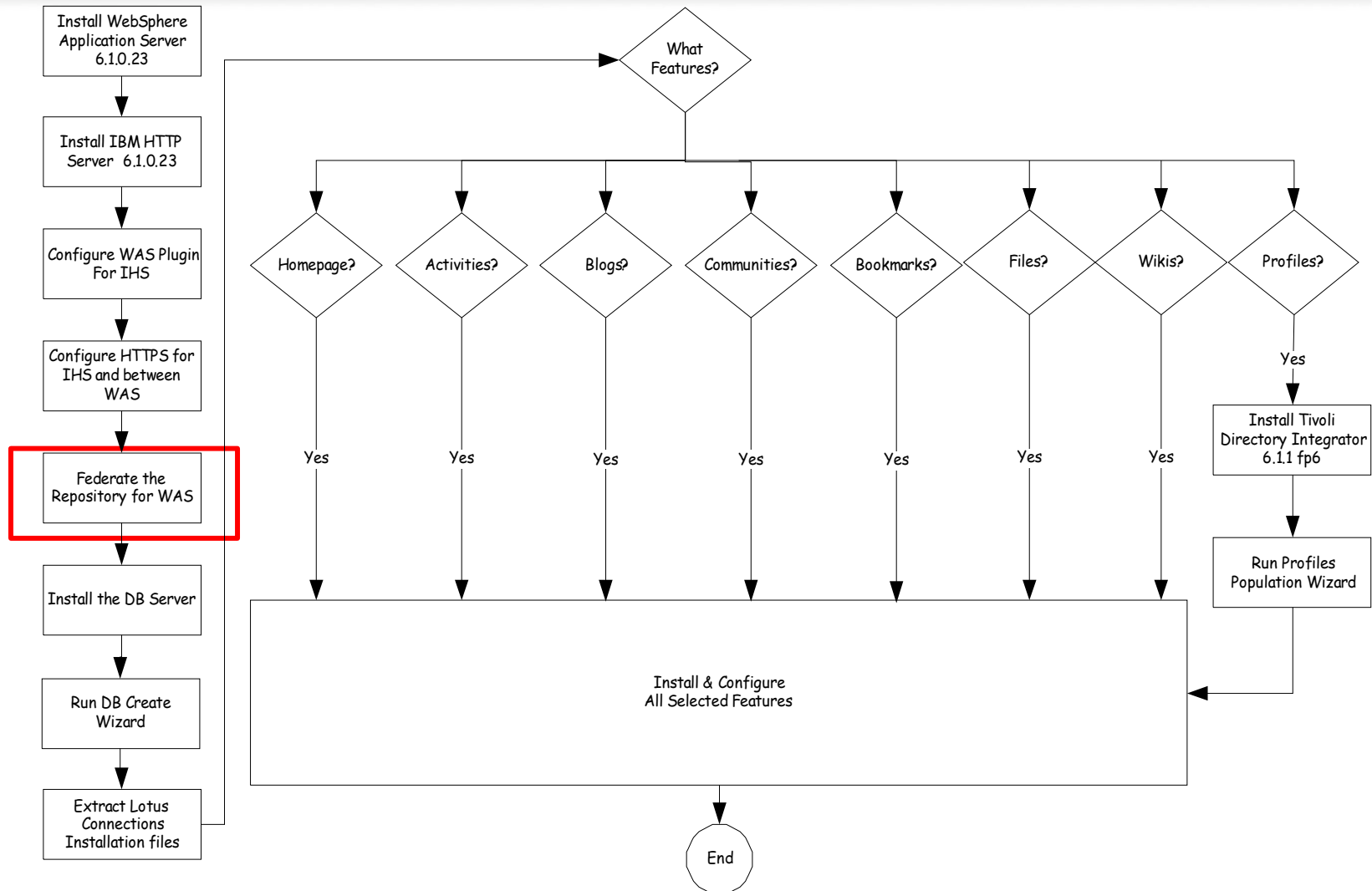
## Plug-in HTTP du serveur WebSphere Application Server



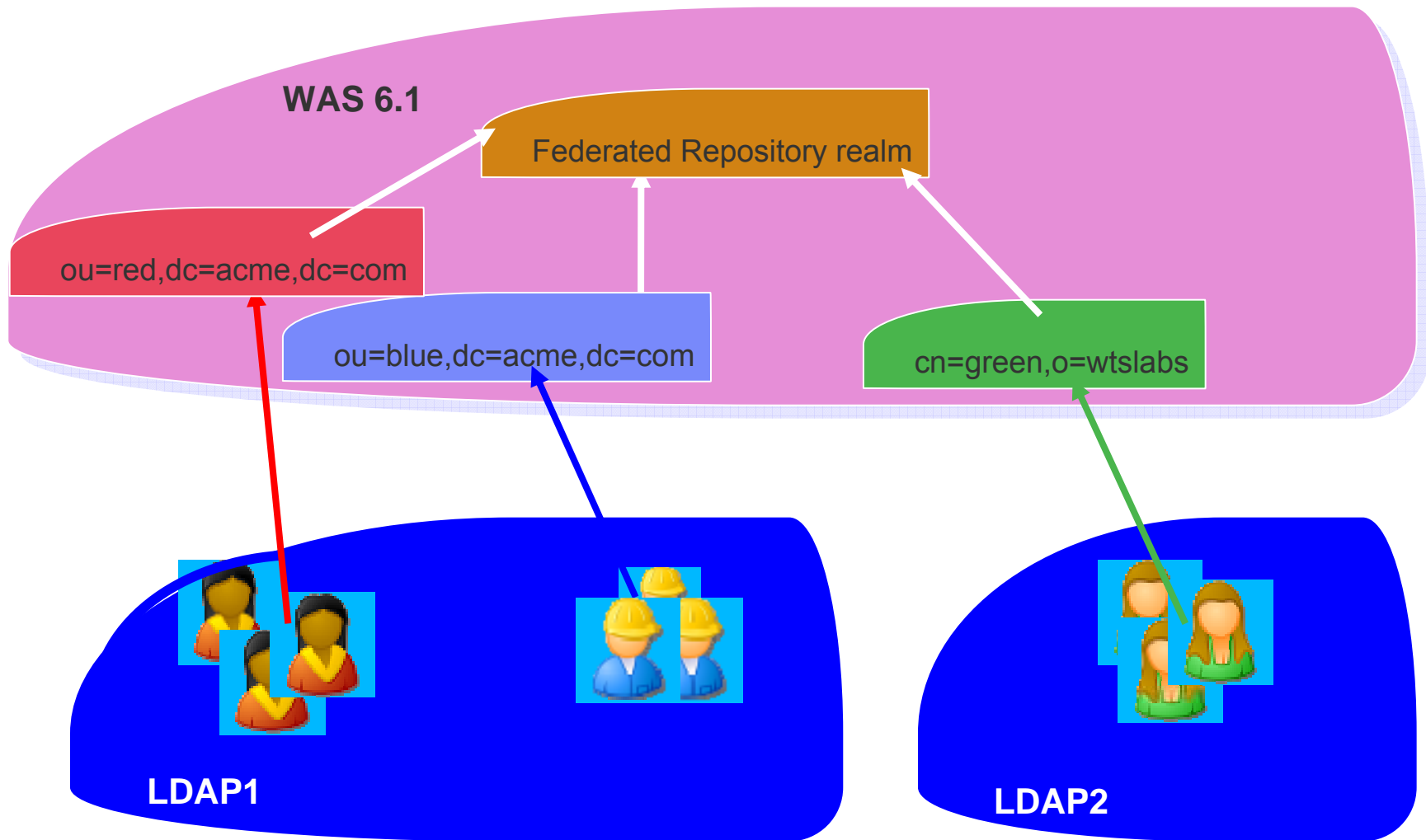
- `<ServerCluster Name="server1_cluster" . . .`
- `<Server Name="server1" ConnectTimeout="0" . . .`
- `<Transport Hostname="host.domain.com" Port="9080" Protocol="http"/>`
- `<Transport Hostname="host.domain.com.com" Port="9443" Protocol="https"/>`
- `<Server/>`
- `</ServerCluster`
- `<UriGroup Name="server1_Cluster_URIs">`
- `<Uri Name="/profiles/**"/>`
- `<Uri Name="*.jsp"/>`
- `UriGroup/>`
- `<Route ServerCluster="server1_Cluster" UriGroup="server1_Cluster_URIs" VirtualHostGroup="default_host"/>`



# Vue d'ensemble du processus d'Installation

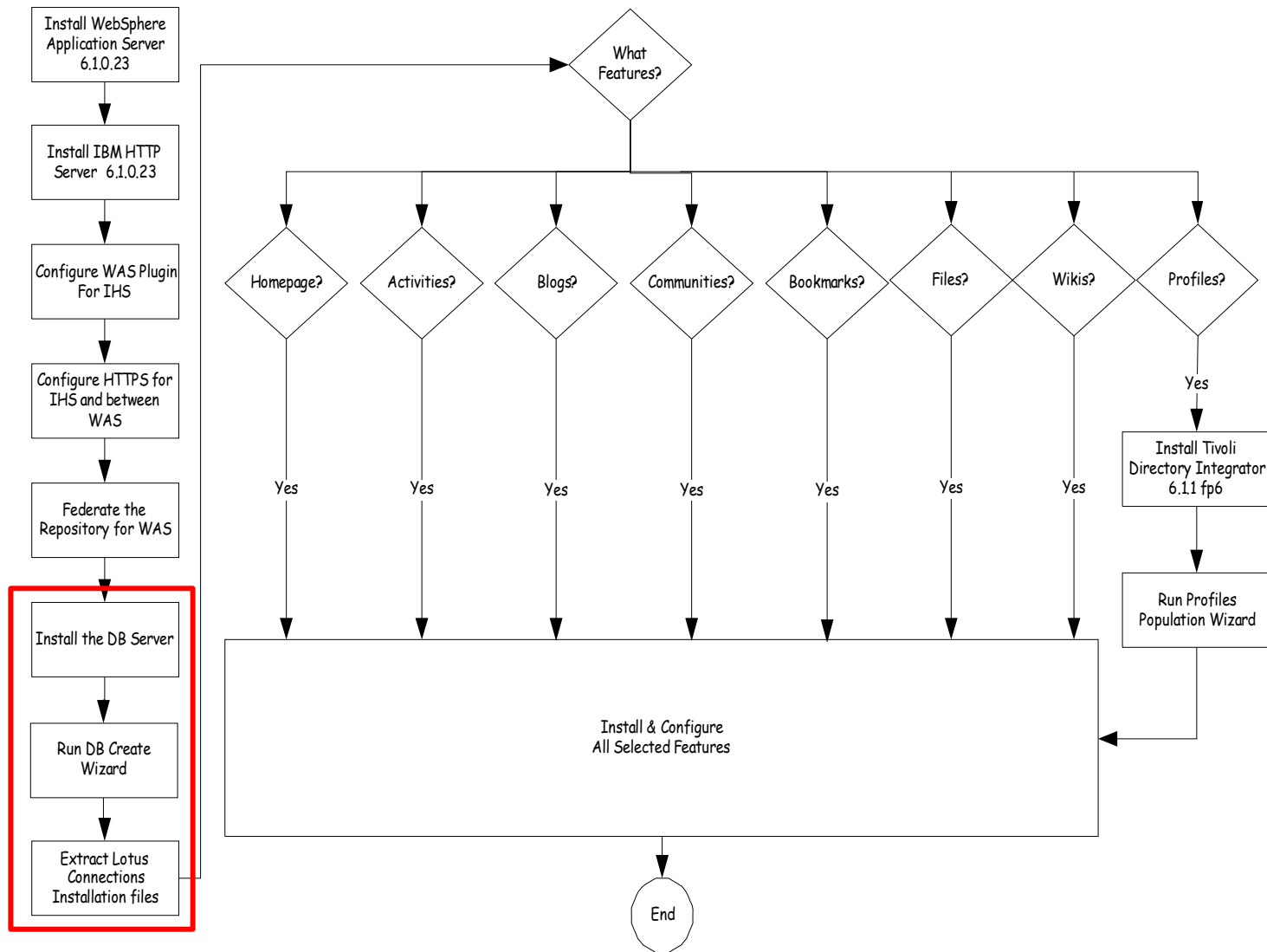


# Relation entre système LDAP et royaume



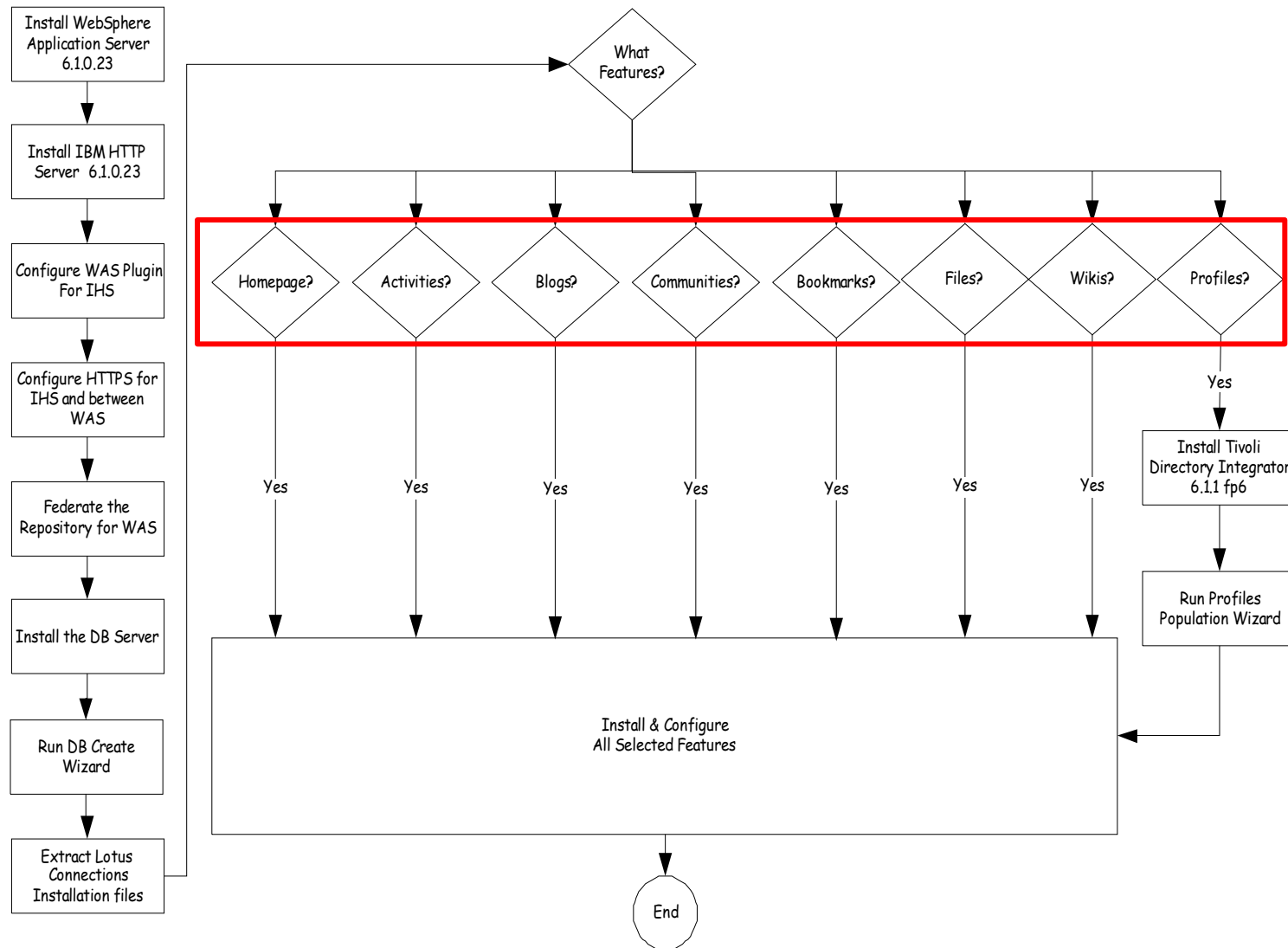


# Vue d'ensemble du processus d'Installation



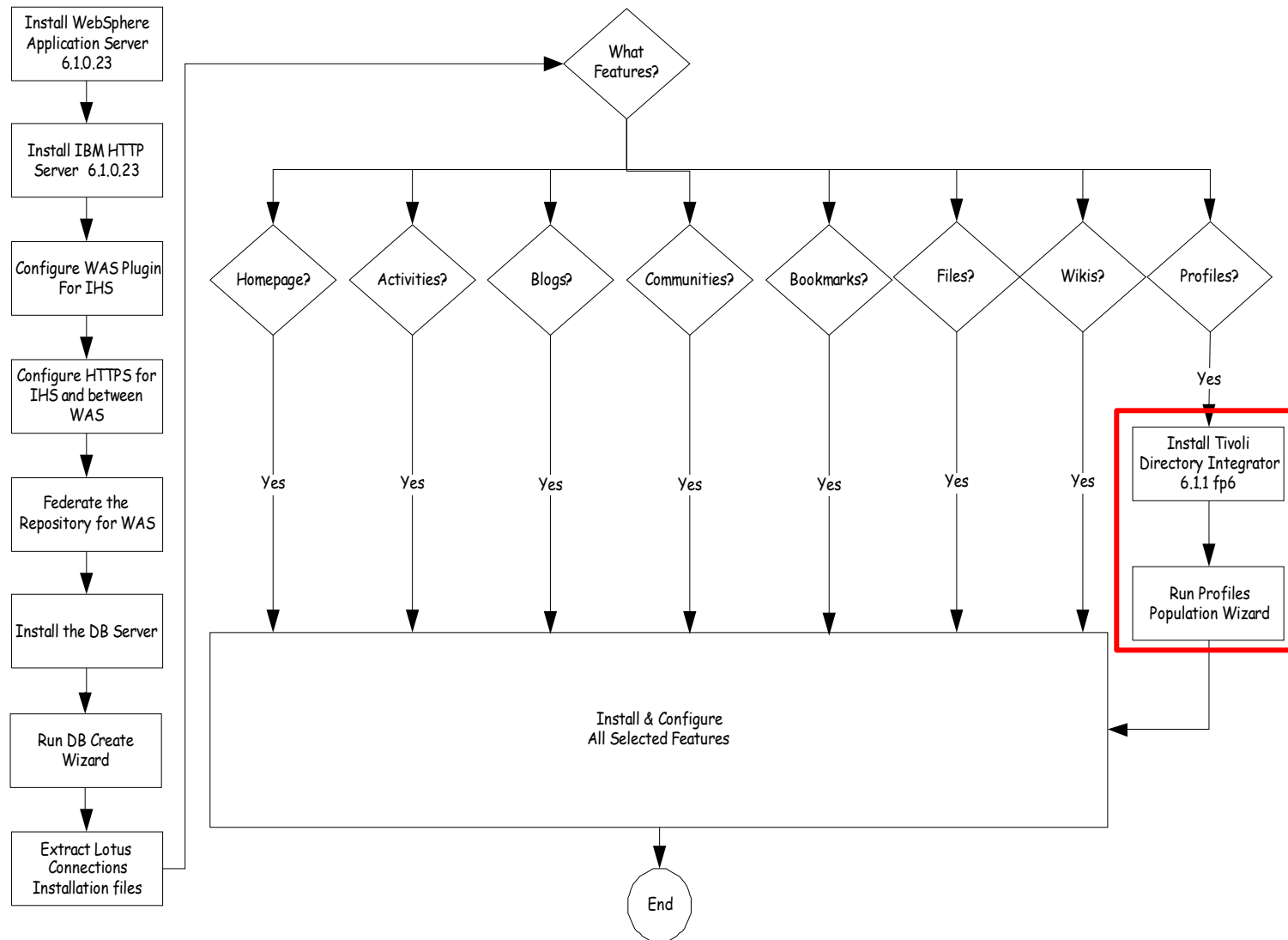


# Vue d'ensemble du processus d'Installation





# Vue d'ensemble du processus d'Installation





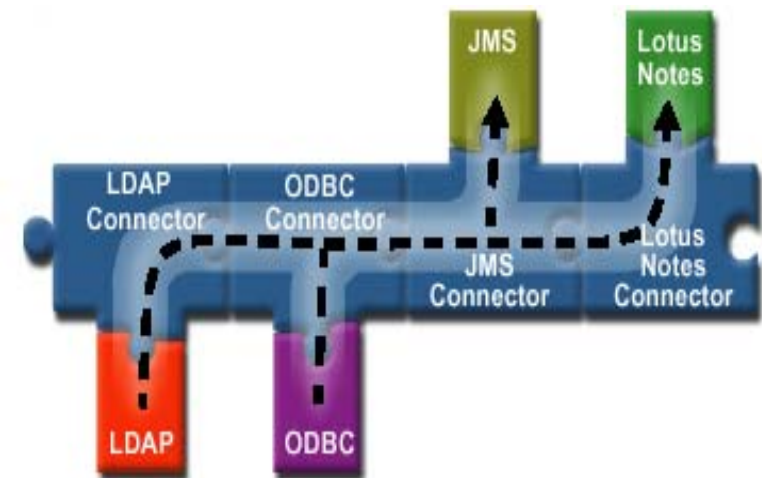
# Particularités d'installation de Profils

- Réflexion sur le mappage et la provenance d'attributs utilisateurs
- Les photos sont elles disponibles ?
- La hiérarchie organisationnelle est-elle définie ? Sous quel format ?
- Nécessite l'utilisation de Tivoli Directory Integrator 6.1.1
  - ▶ Mappage des champs du profil à des informations existantes
  - ▶ Identification des sources de chaque information
  - ▶ Identification ou création de table si nécessaire
    - Department
    - Employee Type
    - Organization
    - Work Location
    - Employee
- L'application Profils fournit la licence Tivoli Directory Integrator v6.1.1 (licence limitée)



# IBM Tivoli Directory Integrator

- Utilisé pour construire des connexions entre les sources de données
- Mappage / Synchronisation des données entre différentes sources
- Par exemple :
  - ▶ Récupérer des données depuis un LDAP et un PeopleSoft
  - ▶ Combiner les informations
  - ▶ Chargement dans la base Profils
- Les lignes d'assemblages Tivoli Directory Integrator sont des fichiers XML qui :
  - ▶ définissent l'accès aux sources de données
  - ▶ définissent la transformation des données
  - ▶ définissent comment effectuer la mise à jour des cibles
- Les lignes d'assemblages contiennent :
  - ▶ Connectors, Parsers
  - ▶ Fonctions, JavaScript
  - ▶ Java libraries, Work entries





# Assistant de configuration Tivoli Directory Integrator

**Profiles Population Wizard for Lotus Connections**

## Profiles Database Mapping

Lotus. Connections

Select an LDAP attribute or a JavaScript function for each field in the Profiles database.  
You can sort the columns by selecting the column header, or select each row to add, remove or edit the LDAP attribute or JavaScript function.

Database Fields	LDAP Attributes or JS Functions	Description
PROF_ALTERNATE_LAST_NAME		Alternate last name
PROF_BLOG_URL		Blog link
PROF_BUILDING_IDENTIFIER		Building
PROF_CALENDAR_URL		Calendar link
PROF_COURTESY_TITLE		Courtesy title
PROF_DEPARTMENT_NUMBER		Department number
PROF_DESCRIPTION		About me
PROF_DISPLAY_NAME	cn	Name
PROF_EMPLOYEE_NUMBER	employeenumber	Employee number
PROF_EMPLOYEE_TYPE	employeetype	Employee type
PROF_EXPERIENCE		Background
PROF_FAX_TELEPHONE_NUMBER	facsimiletelephonenumber	Fax number
PROF_FLOOR		Floor
PROF_FREEBUSY_URL		Free/Busy time link
PROF_GIVEN_NAME	givenName	Given name
PROF_GROUPWARE_EMAIL		Alternate email
PROF_GUID	dominoUNID	LDAP object GUID
PROF_IP_TELEPHONE_NUMBER		IP telephony number
PROF_ISO_COUNTRY_CODE	c	Country code
PROF_IS_MANAGER		Whether user is manager
PROF_JOB_RESPONSIBILITIES		Job title
PROF_LOGIN		Alternate login-id
PROF_MAIL	mail	Office email
PROF_MANAGER_UID	{func_map_to_db_MANAGER_UID}	Manager's ID
PROF_MOBILE	mobile	Mobile number

Back Next Cancel



# Assistant de configuration Tivoli Directory Integrator

Profiles Population Wizard for Lotus Connections

Optional Database Tasks Lotus. Connections

Choose the optional fields and the comma separated values (CSV) file that will be used to fill the fields. For example: country code and name, or department name and description.

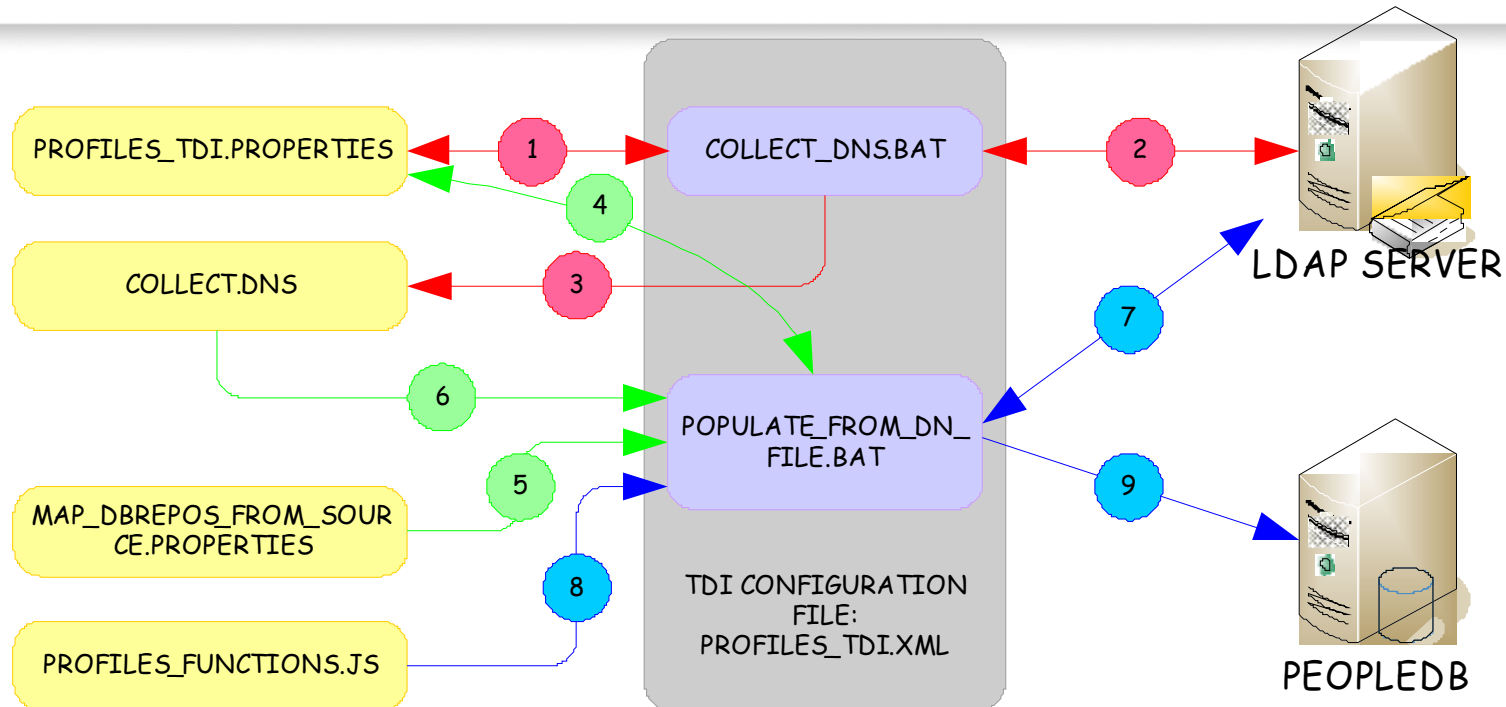
<input checked="" type="checkbox"/> Countries	<input type="text" value="C:\temp\cinstall\Wizards\TDIPopulation\TDISOL\isocc.csv"/>	<input type="button" value="Browse..."/>
<input type="checkbox"/> Departments	<input type="text" value="C:\temp\cinstall\Wizards\TDIPopulation\TDISOL\deptinfo.csv"/>	<input type="button" value="Browse..."/>
<input checked="" type="checkbox"/> Organizations	<input type="text" value="C:\temp\cinstall\Wizards\TDIPopulation\TDISOL\orginfo.csv"/>	<input type="button" value="Browse..."/>
<input type="checkbox"/> Employee types	<input type="text" value="C:\temp\cinstall\Wizards\TDIPopulation\TDISOL\emptytype.csv"/>	<input type="button" value="Browse..."/>
<input checked="" type="checkbox"/> Work locations	<input type="text" value="C:\temp\cinstall\Wizards\TDIPopulation\TDISOL\workloc.csv"/>	<input type="button" value="Browse..."/>

Do you want to run the task that marks the profiles of each manager?

Yes  
 No



# Mécanisme de la ligne d'assemblage profiles\_tdi.xml



1. COLLECT\_DNS extracts LDAP information from the PROFILES\_TDI.PROPERTIES file
2. The assembly lines connects to the LDAP and retrieves the entries based on the search filters .
3. The DN's of these entries are written to a COLLECT.DNS file
4. POPULATE\_FROM\_DN\_FILE retrieves LDAP and DATABASE information from the PROFILES\_TDI.PROPERTIES file
5. The MAP\_DBREPOS\_FROM\_SOURCE.PROPERTIES file is read to get LDAP to database field mappings
6. One by one, each DN is read from the COLLECT.DNS file.
7. For each DN, the LDAP entry and all of it's attributes are retrieved.
8. Functions in PROFILES\_FUNCTIONS.JS file are used for some fields (e.g. translation of the objectGUID (binary array to string))
9. Names and all mapped fields which resulted in values are written to tables in the PEOPLEDB database

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# Les 3 aspects de l'administration Connections

- L'interface graphique de Lotus Connections
  - ▶ Blogs
  - ▶ Page d'accueil
  - ▶ Suivi des Statistiques
- La console d'administration de WebSphere Application Server
  - ▶ Contrôle des paramètres serveurs
  - ▶ Administration des applications
- L'outil WSADMIN
  - ▶ Administration Serveur
  - ▶ Administration Applicative



# Blogs - Configuration

- Paramétrage du Site
- Paramétrage de rendu
- Paramétrage de commentaires
- Paramétrage pour les fichiers
- Paramétrage des thèmes

**Blogs** | Browse Blogs | My Blog | My Updates | **Administration**

**Configuration**

- Blogs Admin
- Comments
- Flagged Content
- Cache Info

**Tips**

**New Administrator?**

- [Learn more about social networking](#)
- [Ideas on what content may be "inappropriate" for your company](#)
- [Find examples](#)

[more](#)

Change site-wide configuration settings.  
Changes you make here apply to the entire site. Changes are made as soon as you save; no server restart is required.

**Site settings**

Site name (for main page and feed):

Short name (shown in site banner):

Site description (for main page and feed):

Handle of blog to serve as frontpage blog:

Enable active content filtering:

Automatic save when editing (minutes):

**Blog Rendering Settings**

Max number of entries to allow per page:

Number of entries to provide in newsfeeds:

**Comment and Trackback Settings**



# Blogs – Administrer les blogs d'utilisateurs

- Sélection d'un utilisateur
- Création de nouveaux billets
- Editer de nouveaux billets
- Revoir tout le paramétrage du blog

**Blogs** | Browse Blogs | My Blog | My Updates | Administration

Configuration  
**Blogs Admin**  
Comments  
Flagged Content  
Cache Info

Tips  
**New Administrator?**  
• Learn more about social networking  
• Ideas on what content may be "inappropriate"

**Select a User to Administer**  
Find users by typing the first letters of their username. Select the user and click the edit button to edit the user's blogs.

Username:  Edit

DMisawa (DMisawa@demoibm.com)  
EEIAmon (EEIAmon@demoibm.com)  
eskyler (ESkyler@demoibm.com)  
HReeds (HReeds@demoibm.com)  
NOImos (NOImos@demoibm.com)  
psingh (PSingh@demoibm.com)  
rzip (RZip@demoibm.com)  
SDaryn (SDaryn@demoibm.com)  
SDray (SDray@demoibm.com)  
VNe hry (VNe hry@demoibm.com)

**Browse Blogs** | **My Blog** | My Updates | Administration

Edit blogs for user: **eskyler**

Thoughts from the Big Chair [Liz] | New Entry | Edit Entries | Manage



# Blogs - Commentaires

- Gestion des commentaires sur tous les blogs
- Possibilité de supprimer des commentaires
- Impossibilité de changer le statut (en cours / publié)

**Blogs** | [Browse Blogs](#) | [My Blog](#) | [My Updates](#) | **Administration**

Configuration  
Blogs Admin  
**Comments**  
Flagged Content  
Cache Info

**Tips**  
**New Administrator?**

- Learn [more](#) about social networking
- [Ideas](#) on what content may be "inappropriate" for your company
- Find [examples](#) [more](#)

Manage comments across all blogs in system  
As a global administrator you can delete comments using the checkboxes below. You cannot change pending and approved status here, so you won't interfere with anybody's comment approval workflow.  
Displaying 7 comments

Delete	Comment
Select All None	
<input type="checkbox"/>	Entry: <a href="#">Blogs I read</a> Posted by User from IP address 10.67.19.28 Posted Today 2:44 PM  Heather, can you provide links to these?  My favorite is <a href="http://socializeme.blogspot.com">Socialize Me</a>
<input type="checkbox"/>	Entry: <a href="#">My Trip to Hong Kong</a> Posted by User from IP address 10.67.19.28 Posted Today 2:40 PM  Hey Heather... Thanks for sharing. I'll make sure that I get in touch with Ling before I go there next time. I <b>love</b> seafod.



# Blogs – Marqué comme inapproprié

- Gestion des contenus marqués comme inappropriés
  - ▶ Ceux en attente de décision
  - ▶ Quarantaine
  - ▶ Renvoi à l'auteur
  - ▶ Nouvel soumission
  - ▶ Abandonné

The screenshot displays a web interface for managing blogs. At the top, there is a blue navigation bar with tabs for 'Browse Blogs', 'My Blog', 'My Updates', and 'Administration'. The 'Administration' tab is selected. On the left side, there is a sidebar with a green background containing links for 'Configuration', 'Blogs Admin', 'Comments', 'Flagged Content' (which is highlighted), and 'Cache Info'. Below this is a yellow box titled 'Tips' with the heading 'New Administrator?' and two bullet points: 'Learn more about social networking' and 'Ideas on what content may be "inappropriate"'. The main content area has a blue header with the text 'Take action on blog entries that users have flagged as having potentially inappropriate content. These entries have been flagged as inappropriate and are awaiting action by you or another designated reviewer.' Below this, there are statistics: 'Awaiting Decision (1) | Quarantined (0) | Returned to Author (0) | Reposted (0) | Dismissed (0)'. A specific flagged entry is shown with the following details: 'Flagged by: Heather Reeds | Today 1:09 AM', 'Reason: This is so wrong and offensive', and 'Flagged category: Human Resources Issue'. Below the entry is a blue link 'Knowing the right people will get you ev...' and the author 'Vijay Nehry | 3 July 2007'. The entry text reads: 'As a new employee to this company, I have figured out that knowing the right people and contacts will get you far. For example, I was trying to reach the person in charge of procurement since I need a new office chair because mine is broken. I was able to find who I needed by searching on the tags called procurement. I contacted her and within 3 days of submitting my order, my new chair arrived at the office.' At the bottom of the entry, there are links: 'Link to this entry | Quarantine | Move to Dismissed'.



# Blog - Politique de contenu

- Possibilité d'ajouter des nouvelles catégories
- Les entrées marquées sont envoyées aux administrateurs



The screenshot shows the 'Flag as inappropriate' form. At the top, there are three links: 'Add a Comment', 'Recommend this entry', and 'More Actions'. Below these links, the form is titled 'Flag as inappropriate'. It has two main sections: 'Issue:' and 'Description:'. The 'Issue:' section has a dropdown menu with 'Human Resources issue' selected. The 'Description:' section has a text area with 'Legal issue' entered. At the bottom of the form, there are two buttons: 'Submit' and 'Cancel'.



# Ajout de Widgets pour la page d'accueil

- Référencement de Widgets pour la page d'accueil
- Activation ou désactivation de widgets
- Tester les widgets
- Edition /suppression de propriétés des widgets
- Une URL doit être définie pour le descripteur (xml file)
- Définition des composants Lotus Connections pré requis
- Les Widgets peuvent être sur le même serveur ou distant sur une autre technologie que JAVA

The screenshot shows the 'Administration' page in Lotus Connections. The page title is 'Administrators Home Page' and it includes a sub-header 'Add new widget'. A yellow 'Tips' box on the left provides instructions for administrators. The main form contains the following fields:

- Widget Title:** My Awesome Widget (with a sub-example: E.g. Blogs)
- Description:** (with a sub-example: E.g. Latest Blogs entries and comments)
- URL:** http://connections.demoibm.com/GoogleDateTimeWeb/googleDateTime.xml (with a sub-example: Absolute or relative web address. E.g. http://myserver.com/mywidget.xml)
- Icon URL:** (with a sub-note: Icon for docked widget (seen in the right side panel). It should be a 29-pixel square image.)
- Use Lotus Connections specific tags:**
- Prerequisites:**  homepage,  activities,  profiles,  dogear,  communities,  personTag,  blogs

At the bottom of the form are 'Save' and 'Cancel' buttons.



# Surveillance des statistiques depuis l'interface

- Les liens vers les mesures et statistiques sont accessibles depuis le bas de page
- Possibilité de suivre l'utilisation des services de Lotus Connections
  - ▶ Communautés
  - ▶ Blogs
  - ▶ Signets
  - ▶ Fichiers
  - ▶ Wikis
  - ▶ Page d'accueil
  - ▶ Profils
  - ▶ Activités

The screenshot displays the 'Home Page metrics' section of the IBM Lotus Connections interface. At the top, there is a navigation bar with 'Home', 'Updates', 'Search', and 'Administration' tabs. Below this, the 'Home Page metrics' section is titled 'As of: 2008-06-28 01:32'. It contains five rows of metrics, each with a title, a description, and a numerical value:

Metric	Description	Value
<b>Total number of unique users</b>	The total number of unique users who have accessed the Home page.	1
<b>Total number of deployed widgets</b>	The total number of widgets deployed in the Home page.	6
<b>Total number of enabled widgets</b>	The total number of widgets currently enabled and available to users on the Home page.	6
<b>Total number of visitors in the past 24 hours</b>	The total number of unique visitors in the past 24 hours.	1
<b>Total number of visitors in the past hour</b>	The total number of unique visitors in the past hour.	1

At the bottom of the page, there are three columns of links:

- IBM Lotus Connections**
  - [Home](#)
  - [Demo](#)
- Help**
  - [Help](#)
  - [IBM Lotus Support Forums](#)
- Tools**
  - [How to Bookmark](#)
  - [Administration](#)
  - [Server Metrics](#)

The 'Server Metrics' link in the Tools column is circled in red.

# Console d'administration de WAS



Integrated Solutions Console    Welcome lcaadmin    Help | Logout

View: All tasks

- Welcome
- Guided Activities
- Servers
- Applications
  - Enterprise Applications
  - Install New Application
- Resources
- Security
- Environment
- System administration
- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

### Enterprise Applications

Use this page to manage installed applications. A single application can be deployed onto multiple server

Preferences

Start   Stop   Install   Uninstall   Update   Rollout Update   Remove File   Export

Select	Name	Application Status
<input type="checkbox"/>	<a href="#">Activities</a>	
<input type="checkbox"/>	<a href="#">Blogs</a>	
<input type="checkbox"/>	<a href="#">Communities</a>	
<input type="checkbox"/>	<a href="#">DefaultApplication</a>	
<input type="checkbox"/>	<a href="#">Doqear</a>	
<input type="checkbox"/>	<a href="#">GoogleDateTime</a>	
<input type="checkbox"/>	<a href="#">Homepage</a>	
<input type="checkbox"/>	<a href="#">Profiles</a>	

# Mappage des rôles de sécurité par composant



Enterprise Applications

**Enterprise Applications** ? -

[Enterprise Applications](#) > [Blogs](#) > **Security role to user/group mapping**

Security role to user/group mapping

Each role that is defined in the application or module must map to a user or group from the domain user registry.

Select	Role	Everyone?	All authenticated?	Mapped users	Mapped groups
<input type="checkbox"/>	person	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	everyone	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	admin	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	search-admin	<input type="checkbox"/>	<input type="checkbox"/>	FAdams	
<input type="checkbox"/>	reader	<input checked="" type="checkbox"/>	<input type="checkbox"/>		



# Administration de Lotus Connections avec wsadmin

## Administration via une session wsadmin de WebSphere Application Server

- ▶ IBM Lotus® Connections inclus des scripts d'administration propre aux composants
- ▶ Les scripts permettent la gestion des objets et le paramétrage des fichiers de propriétés XML

```
cd \IBM\WebSphere\AppServer\profiles\AppSrv01\bin
IBM\WebSphere\AppServer\profiles\AppSrv01\bin>wsadmin -lang jython -user wasmgr -password pa55w0rd -port 8880
7209I: Connected to process "server1" on node vent01Node01 using SOAP connector; The type of process is: Un
ss
7031I: For help, enter: "print Help.help()"
min>_
```

```
min>execrun("activitiesAdmin.py")
ecting to WebSphere:name=ActivityService,cell=vent01Node01Cell,node=vent01Node01,process=server1
ivities Administration initialized
--\
```

```
ecting to WebSphere:name=DogearTaskService,cell=vent01Node01Cell,node=vent01Node01,process=server1
ecting to WebSphere:name=DogearLinkService,cell=vent01Node01Cell,node=vent01Node01,process=server1
ecting to WebSphere:name=DogearPersonService,cell=vent01Node01Cell,node=vent01Node01,process=server1
ecting to WebSphere:name=DogearUrlService,cell=vent01Node01Cell,node=vent01Node01,process=server1
ar MBeans initialized
ar Configuration Environment initialized
min>LinkService.deleteLinkByUIDBatch('f:/labfiles/badlinks.txt')
min>
```

# Administration avec wsadmin



## Administration Profils

- Configurer le filtre du contenu actif
- Activer / désactiver la sécurité sur l'application des profils
- Activer / désactiver et gérer l'indexation
- Gérer l'affichage de la chaîne hiérarchique
- ...

## Administration Blogs

- Modifier les paramètres généraux du site
- Modifier le rendu du site
- Modifier un commentaire et le comportement rétrolien
- Modifier la capacité de téléchargement
- Activer la personnalisation des thèmes
- ...

## Administration Communautés

- Créer une nouvelle Communauté
- Remplir la communauté avec un ensemble de membres
- Ajouter des membres propriétaires supplémentaires à une communauté existante
- Faire des changements au contenu dans les différents domaines d'une Communauté
- Configurer l'indexation de recherche (purge & start)
- ...

## Administration Signets

- Changer l'heure de départ, l'intervalle et la taille des lots pour le traitement des liens
- Recalculer internes / externes
- Supprimer des liens non désirés
- Ajouter ou supprimer des plages d'adresses IP
- Configurer le filtre du contenu actif
- ...

# Administration avec wsadmin



## Administration Activités

- Import / Export de données
- Marquer les activités inactives
- Supprimer des activités du système
- Activer / désactiver l'analyse des virus
- Fixer des limites sur les fichiers téléchargés
- Activer / désactiver les notifications par e-mail
- ...

## Administration Page d'accueil

- Gérer la recherche de la page d'accueil
- La planification du moteur de recherche
- Synchroniser les identifiants entre les membres de la page d'accueil et LDAP
- Préciser la confiance ou non-confiance des sites Web pour la page d'accueil
- ...

## Administration Fichiers

- Personnalisation des modèles d'email
- Gestion des quotas de fichiers
- La gestion des politiques
- Activer / Désactiver le versioning
- Configuration du moteur de recherche
- ...

## Administration Wikis

- Suppression de wikis
- Personnalisation des modèles d'email
- La gestion des politiques
- Activer / Désactiver le versioning
- Configuration du moteur de recherche
- ...



## Compléments de configuration

---

- Accepter les Cookies sécurisés
- Active Content Filter
- Thèmes
- Mise en place d'un anti-virus
- prévention du Phishing
- Mise en place de langue par défaut et du sélecteur de langue

# Agenda



- ▶ Introduction
- ▶ Topologie d'Architecture
- ▶ Processus d'Installation
- ▶ Administration Lotus Connections
- ▶ **Tuning & Troubleshooting**
- ▶ Environnements Supportés



# WAS Tuning

	WAS JVM Min (Mb)	WAS JVM Max (Mb)	WAS WebContainer Thread Pool Min Size	WAS WebContainer Thread Pool Max Size	WAS Connection Pool Max Connections	WAS Statement Cache	WAS JVM Parameter
Activities	256	1024	10	80	70	100	-Xgcpolicy:gencon
Blogs	256	1024	10	250	250	100	-Xgcpolicy:gencon
Communities	256	1024	10	100	150	100	-Xgcpolicy:gencon
Dogear	256	1280	10	250	150	100	-Xgcpolicy:gencon
Profiles	512	1536	10	100	200	100	-Xgcpolicy:gencon -Xsoftrefthreshold16
Homepage	256	1024	10	100	75	100	-Xgcpolicy:gencon
Homepage:News	n/a	n/a	n/a	n/a	50	100	
Homepage:Search	n/a	n/a	n/a	n/a	75	100	
Files	256	1024	10	75	50	100	
Wikis	256	1024	10	75	50	100	
Mobile	256	1024	10	75	n/a	n/a	-Xgcpolicy:gencon
DM	512	1024					

# Paramétrages de la JVM



Application servers

[Application servers](#) > [serverA](#) > [Process Definition](#) > [Java Virtual Machine](#)

Use this page to configure advanced Java(TM) virtual machine settings.

Configuration **Runtime**

**General Properties**

Classpath

Boot Classpath

Verbose class loading

Verbose garbage collection

Verbose JNI

Initial Heap Size  
256

Maximum Heap Size  
1024

Run HProf

**Additional Properties**

- [Custom Properties](#)

# Web Container Thread Pools



Application servers

[Application servers](#) > [serverA](#) > [Thread Pools](#) > [WebContainer](#)

Use this page to specify a thread pool for the server to use. A thread pool enables server components to reuse threads instead of creating new threads at run time. Creating new threads is typically a time and resource intensive operation.

Configuration

**General Properties**

\* Name  
WebContainer

Description

\* Minimum Size  
10 threads

\* Maximum Size  
75 threads

\* Thread inactivity timeout  
3500 milliseconds

Allow thread allocation beyond maximum thread size

Apply OK Reset Cancel

**Additional Properties**

- Custom Properties



# Connection Pool Max Connections

**Data sources**

[Data sources](#) > [activities](#) > **Connection pools**

Use this page to set properties that impact the timing of connection management tasks, which can affect the performance of your application. Consider the default values carefully; your application requirements might warrant changing these values.

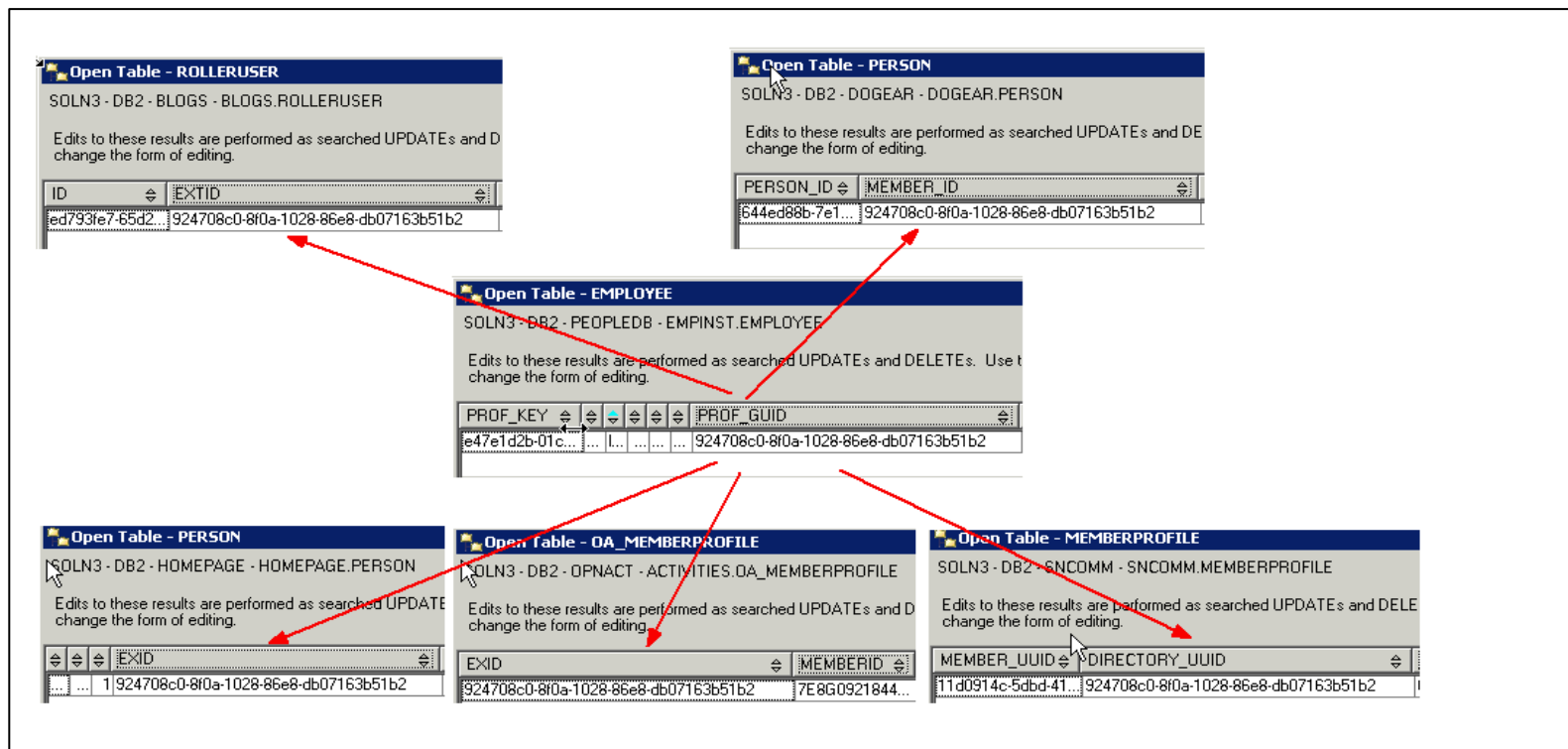
Configuration

<u>General Properties</u>	<u>Additional Properties</u>
Scope <input type="text" value="cells:tapstageCell01"/>	<ul style="list-style-type: none"><li>■ <a href="#">Advanced connection pool properties</a></li><li>■ <a href="#">Connection pool custom properties</a></li></ul>
Connection timeout <input type="text" value="180"/> seconds	
<b>Maximum connections</b> <input type="text" value="50"/> connections	
<del>Minimum connections</del> <input type="text" value="1"/> connections	
Reap time <input type="text" value="180"/> seconds	
Unused timeout <input type="text" value="1800"/> seconds	
Aged timeout <input type="text" value="0"/> seconds	
Purge policy <input type="text" value="EntirePool"/>	



# Troubleshooting

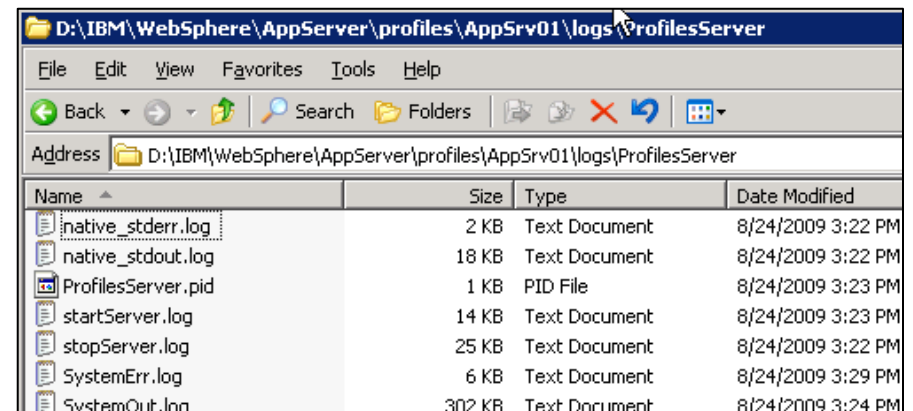
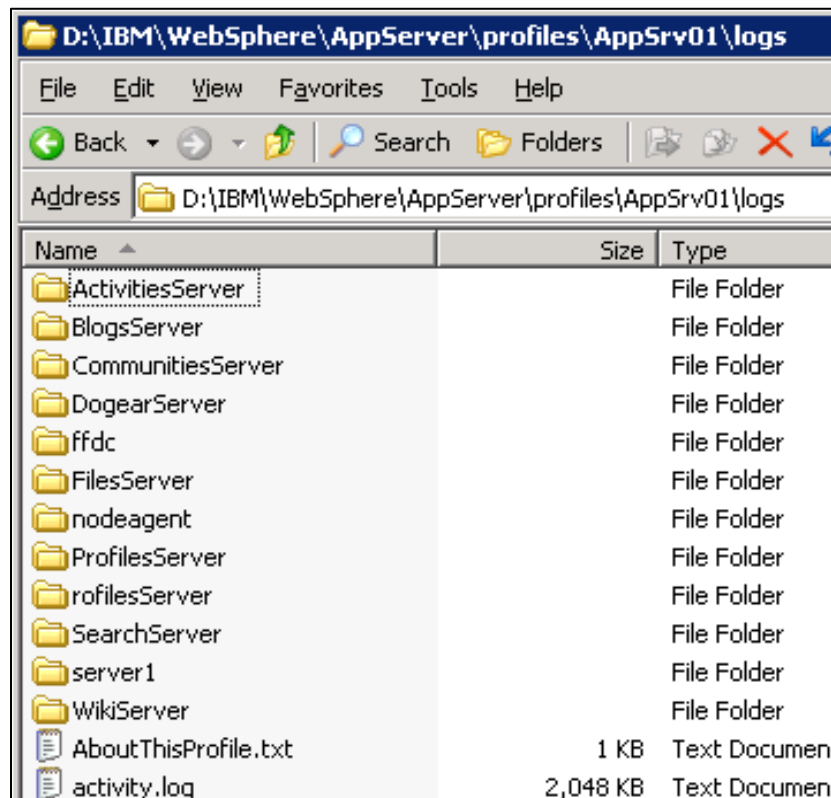
- Changement de la version 2.5 - Email: L'attribut email n'est plus requis, mais doit être unique s'il existe
- 'uid': Considéré comme clé primaire de l'individus et qui assure la récupération du profil l'utilisateur parmi tous les composants





# Logs

- Les Logs sont accessibles par modules si ceux-ci sont déployés dans leur propres JVM
  - Facilite la lecture et l'identification de problème





# Logs du serveur HTTP

C:\IBM\HTTPServer\logs

Name	Size
install	
update	
access.log	4,159 KB
admin.pid	1 KB
admin_access_log	2 KB
admin_error.log	2 KB
error.log	29 KB
httpd.pid	1 KB

C:\IBM\HTTPServer\Plugins\logs\webserver1

Name	Size	Type
http_plugin.log	156 KB	Text Document
trace_http_plugin.log	1,375 KB	Text Document

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# Environnements Supportés

## Server Side Operating System

- ▶ Red Hat Enterprise Linux Enterprise Server V4.0 on x86-32
- ▶ Microsoft® Windows® 2003 Server – Standard & Enterprise
- ▶ Microsoft Windows 2008 Server – Enterprise
- ▶ SuSE Linux Enterprise Server 10
- ▶ AIX 5.3.0.4

## Web Browser Support

- ▶ Microsoft Internet Explorer 6.x, 7.x
- ▶ Mozilla Firefox 2.0 & 3.0 (Microsoft Windows, Mac OSX, and Linux)
- ▶ Safari 3.0 on Mac OSX

## Application Server

- ▶ ✓ IBM WebSphere Application Server V6.1.0.23

## Database

- ✓ IBM DB2(R) 9.1 FP6,
- SQL Server 2005, Oracle 10g

## HTTP Server

- ✓ IBM HTTP Server from WebSphere Application Server V6.1.0.23 (IHS)

## Tivoli Directory Integrator 6.1.1

- ✂ ✓ IBM Tivoli Directory Integrator 6.1.1 FP3

## LDAP Directory

- ✓ IBM Tivoli Directory Server (ITDS) 6.1.1
- Novell eDirectory v8.8
- Microsoft Active Directory 2003 SP2 / ADAM
- Lotus Domino v7.0.2, v8, v8.0.1
- Sun Java System Directory Server v5.2 / v6



# Questions





# Reference Materials

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- IBM Lotus Connections Information Center
  - ▶ <http://publib.boulder.ibm.com/infocenter/ltscnct/v1r0/index.jsp>
- IBM Lotus Developerworks
  - ▶ <http://www.ibm.com/developerworks/lotus/>