

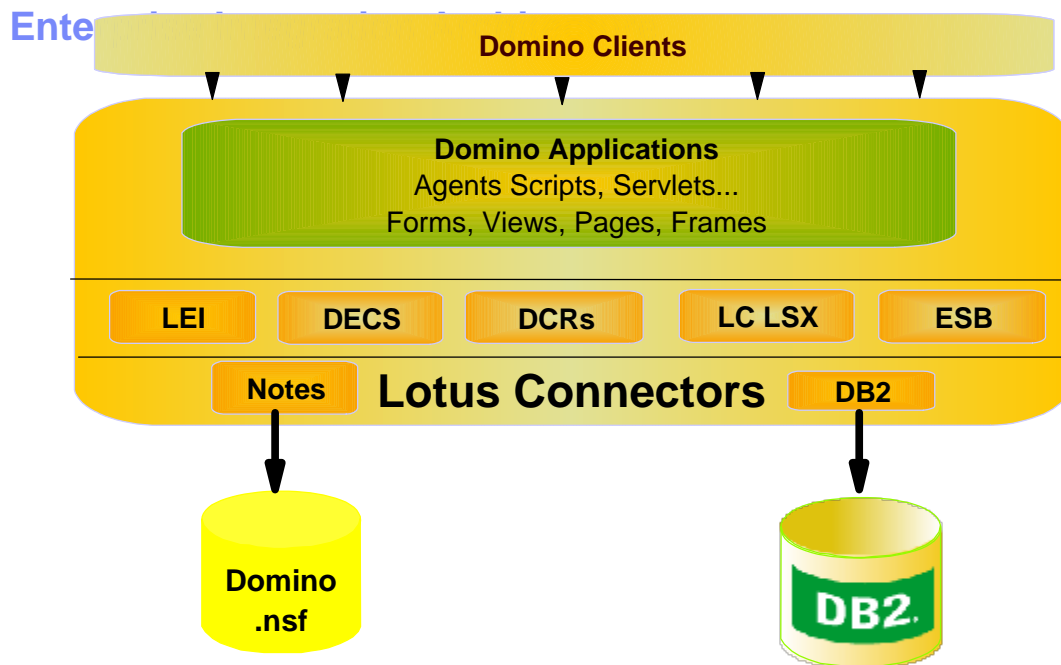
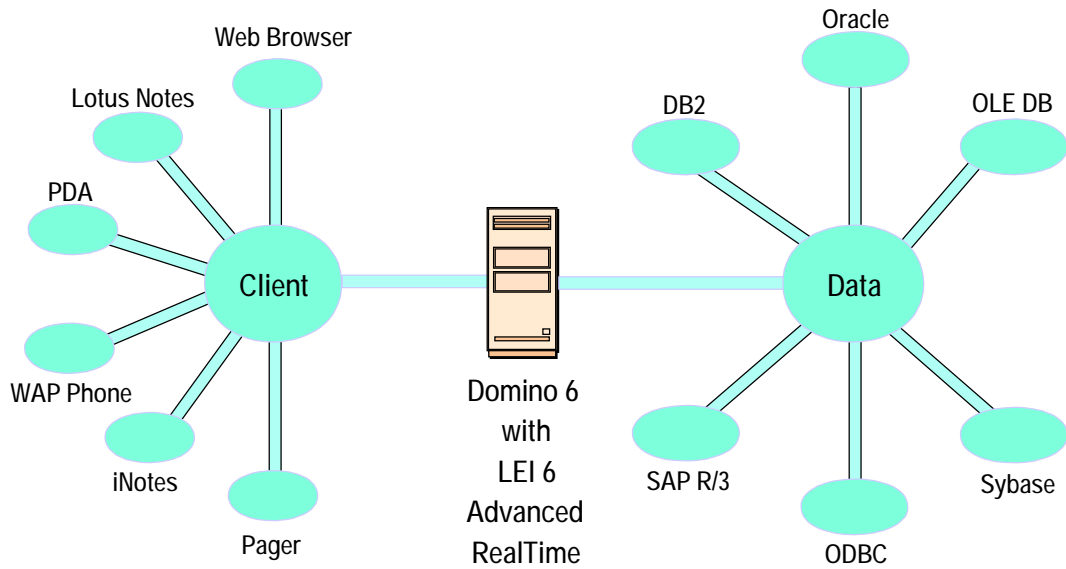


Lotus Enterprise Integrator 6



A04

Domino 6 Three Tier Architecture



LEI 6 Administrator

Views

Project Folders

Help Links

Connections, Activities & Log view

New Active view showing active & scheduled activities & Server status

Name	Server	Source Connection	Target Connection
Direct Transfer			
Employee Transfer	* inactive	Employee	Sample 1 Destination
Populate AUTOBODY_DAMAGE	* inactive	Auto Body Data	Expand MM Damage data to DB2
Populate AUTOBODY_EST	* inactive	Auto Body Data	Populate DB2 with Auto Body
Replication			
Employee Vacation Repicat on	* inactive	Sample 2 Master	Sample 2 Slave DB
ESOP Replication	* inactive	Sample 2 Master	Sample 2 Slave DB
Virtual Agents			
Compute Total	EIConnect	Auto Body	
Virtual Documents			
Package Tracking	EIConnect	Package Tracking,Package?	
Virtual Estimate Docs	EIConnect	Auto Body/Vit Claim Estimate	
Virtual Fields			
Vit Field Damage	EIConnect	Auto Body/Vit Claim Estimate	Vit DE2 Data

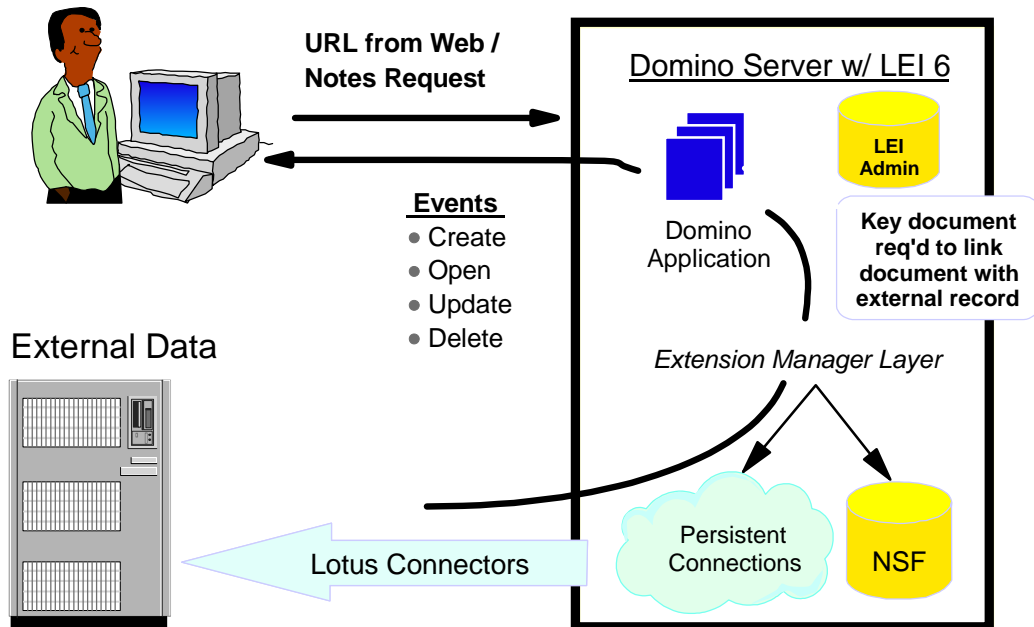
Name	Server	Next runtime
Active Servers		
EIConnect		Last reported in: 01/05/2003 10:29:28 PM
Scheduled Jobs		
Employee Vacation Replication	Any	Next runtime: 01/05/2003 10:43:07 PM
ESOP Replication	Any	Next runtime: 01/05/2003 12:00:01 AM
Active Jobs		
Virtual Estimate Docs	EIConnect	Next runtime: Not yet scheduled
Vit Field Damage	EIConnect	Next runtime: Not yet scheduled
Package Tracking	EIConnect	Next runtime: Not yet scheduled

Lotus Connectors for Domino 6

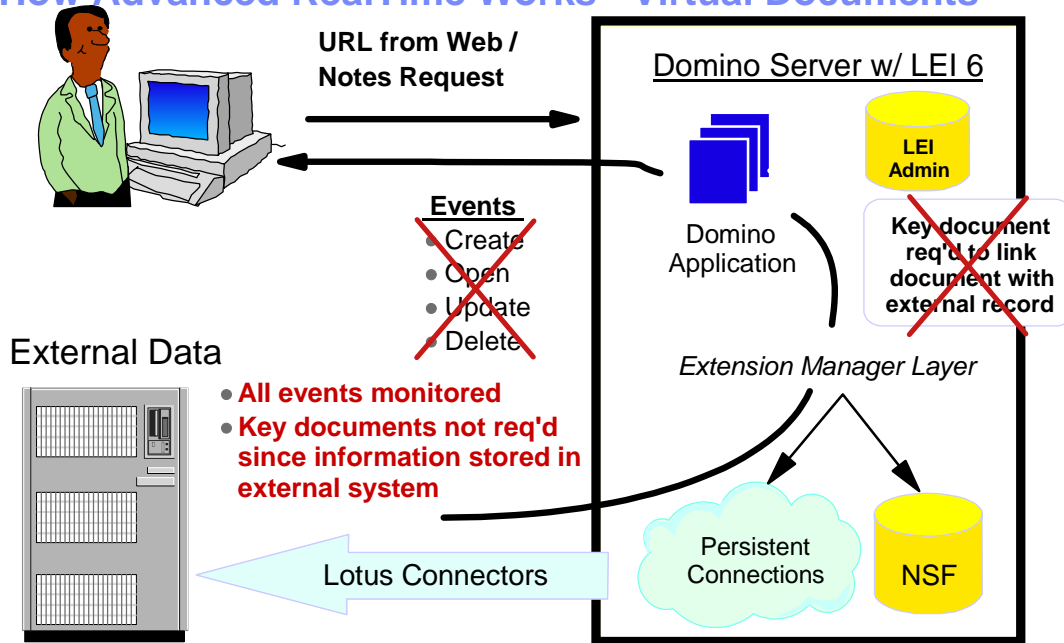
- Lotus Connectors are built using vendor specific APIs to provide native access to the external system
- Base Connectors (Ship with Domino, Notes & Designer)
 - DB2 (7.x & 8.1)
 - Oracle (7, 8i & 9i)
 - Sybase (11)
 - OLE-DB (SQL Server 2000 & Access 2000)
 - ODBC, File, Text
- Premium Connector
 - SAP R/3 (Version 1.7 will support Notes/Domino 6 & LEI 6, available late December 2002)
 - Supports the same features it did in LEI 3.x. Does not support Virtual Documents, Virtual Agents, Virtual Attachments or Integrated Credentials

DECS R5	LEI 3.x	DECS Domino 6	LEI 6	
RealTime	RealTime	Virtual Fields	Virtual Fields	Classical RealTime Activities
			Virtual Docs	
			Virtual Agent	
			Virtual Attachments	Advanced RealTime Activities
			Integrated Credentials	
	Admin Backup		Admin Backup	Advanced RealTime Feature
	Admin Purge Log		Admin Purge Log	
	Archive		Archive	Data Management Activities
	Command		Command	
	Direct Transfer		Direct Transfer	
	Java		Java	
	Polling		Polling	
	Replication		Replication	
	Script		Script	

How Advanced RealTime Works - Virtual Fields



How Advanced RealTime Works - Virtual Documents



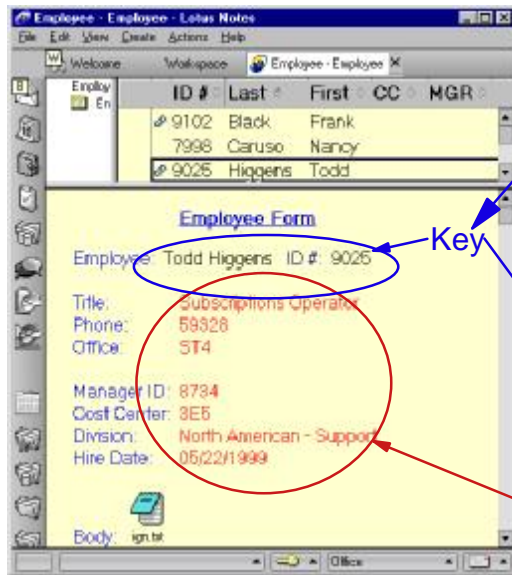
Virtual Documents

Unifies corporate and Domino technology-based data into one application to leverage your current external application investments

Key Features

- Document completely stored in external system - no key document req'd in nsf
- Notes control fields stored external to the .nsf
- Allows external data to participate in a Domino view
- Existing external records "virtualized" when activity is first started
- Records added directly to external system "virtualized" at frequency controlled in activity doc
- Domino services (replication, full-text & domain search, security, workflow, translation)

Virtual Fields



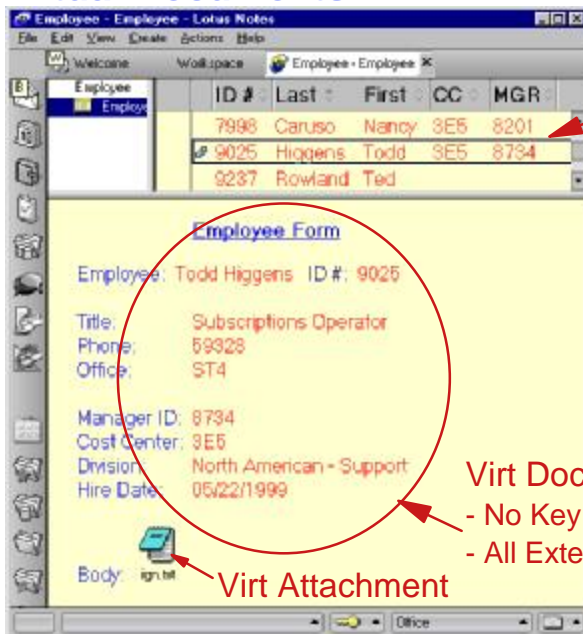
The employee name and ID fields link the Notes document to the external record

External Table

ID	Last	First	CC	Mgr
9102	Black	Frank	3A7	8345
7998	Nancy	Caruso	3E5	8201
9025	Todd	Higgins	3E5	8734

Virt Fld Data

Virtual Documents



External data in view

External Table

ID	Last	First	CC	Mgr
9102	Black	Frank	3A7	8345
7998	Nancy	Caruso	3E5	8201
9025	Todd	Higgins	3E5	8734

Virt Doc

- No Key

- All External

Virt Attachment

Virtual Documents - Integrated Keys

Notes
Control
Fields

ITEM	DATA TYPE
PRODUCT_ID	Number(6,0)
DESCRIPTION	VARCHAR2(30)
LIST_PRICE	NUMBER (8,2)
MIN_PRICE	NUMBER (8,2)
START_DATE	DATE
END_DATE	DATE
EINOTEID	NUMBER
EIUNID	CHAR(32)
EIMODIFIED	DATE
EINOTEPROPS	BLOB

"Integrated keys" benefit (Notes control fields added to data table)

- Better performance in general
- Significantly faster view rebuilds for large data sets

Virtual Documents - External Keys

Key field to correlate data record with
Notes control record

Notes
Control
Fields

EMP_ID	Char(50)
EINOTEID	NUMBER
EIUNID	CHAR(32)
EIMODIFIED	DATE
EINOTEPROPS	BLOB

External Key table benefits (Notes control fields in external table)

- Ease of implementation, no need to alter existing data tables
- Built-in utility creates ext key table for you
 - ensures correct syntax and data types for each RDBMS
- Deleting Virtual documents removes data record as expected
 - deletion stub record 'hidden' in ext key table

