IBM Lotus Extended Search

Fast, Parallel, Distributed Search

Agenda

- **Extended Search Overview**
- **Architecture**
  - **Administration, Security, Scalability**
  - **Client Customization, Portal integration**
  - **Extensibility via Extended Search APIs**
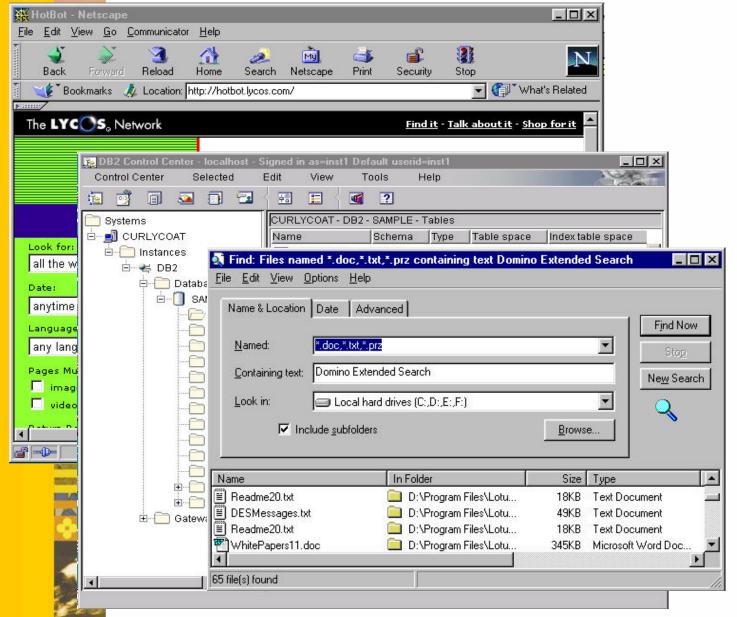- **Demo**

Lotus software

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IBM Lotus Extended Search

Server based technology supporting search and retrieval of information across multiple enterprise and web based sources, bringing critical data to application and portal interfaces.

Lotus software

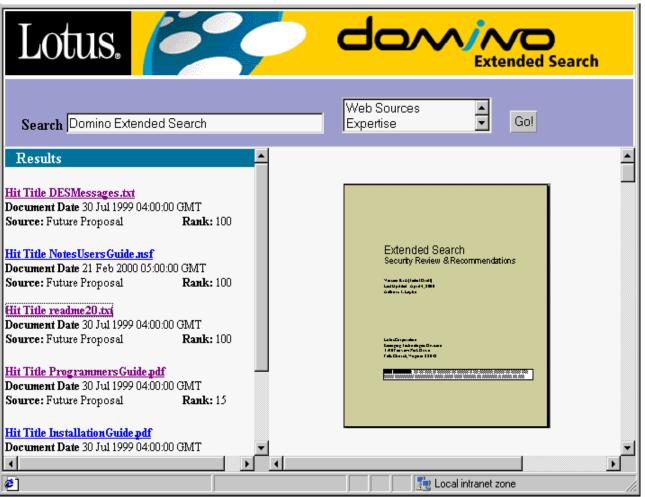# Typical 'Wide Area Search' for Knowledge

"This is hard because there are too many..."

✗ Interfaces to use
✗ Grammars to learn
✗ Results to interpret
✗ Sign-ON's

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Extended Search for Knowledge
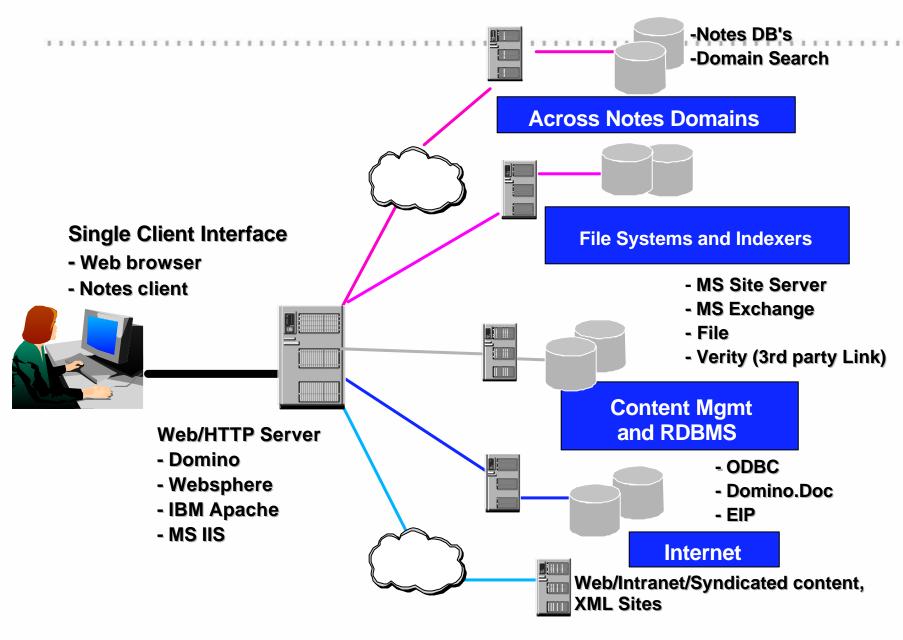

"This is much easier"

✔ Single Interface
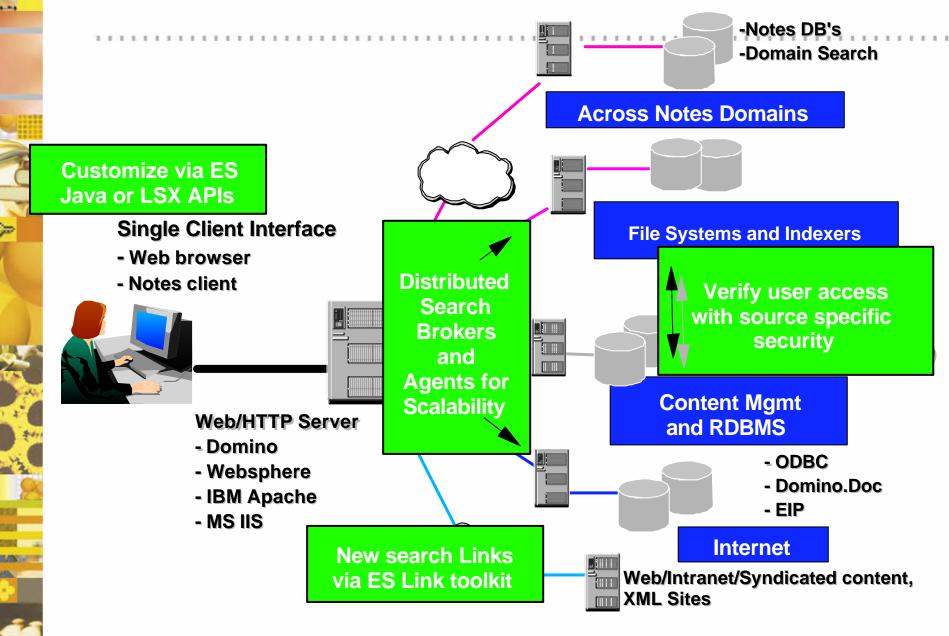✔ One Grammar
✔ Consolidated Hitlist
✔ One Sign-on

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Extended Search - Parallel Distributed Search Architecture

-Notes DB's
-Domain Search

Across Notes Domains

File Systems and Indexers

Single Client Interface

- Web browser
- Notes client

- MS Site Server
- MS Exchange
- File
- Verity (3rd party Link)

**Content Mgmt
and RDBMS**

Web/HTTP Server
- Domino
- Websphere
- IBM Apache
- MS IIS

- ODBC
- Domino.Doc
- EIP

Internet

Web/Intranet/Syndicated content,
XML Sites

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Extended Search - Integrates with the Enterprise

-Notes DB's
-Domain Search

Across Notes Domains

Customize via ES Java or LSX APIs

File Systems and Indexers

Single Client Interface
- **- Web browser**
- **- Notes client**

Distributed Search Brokers and Agents for Scalability

Verify user access with source specific security

Content Mgmt and RDBMS

Web/HTTP Server
- **- Domino**
- **- Websphere**
- **- IBM Apache**
- **- MS IIS**

- ODBC
- Domino.Doc
- EIP

Internet

New search Links via ES Link toolkit

Web/Intranet/Syndicated content, XML Sites

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Breadth of Extended Searching

- Lotus Databases/Products
- Document Mgmt Systems
- Microsoft Indexes
- Mail Systems
- Directories
- Relational Data
- File System Content
- World Wide Web
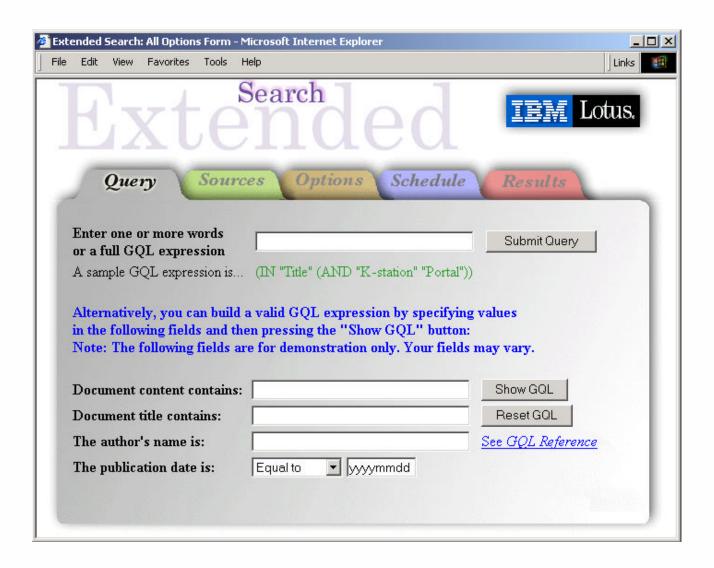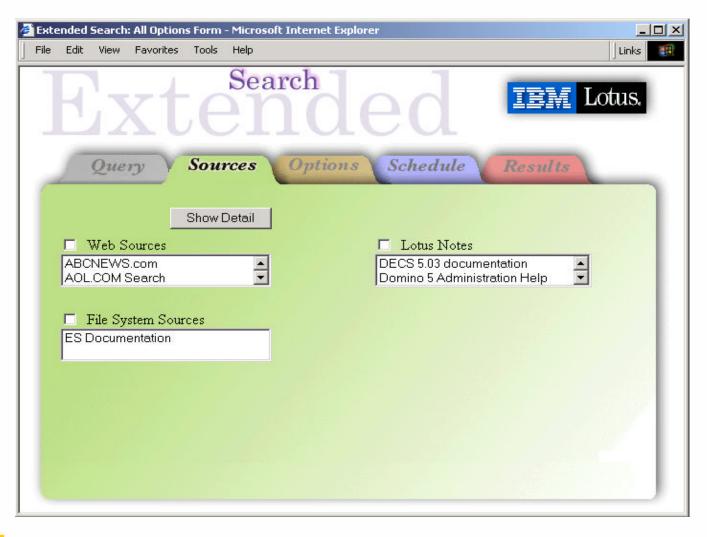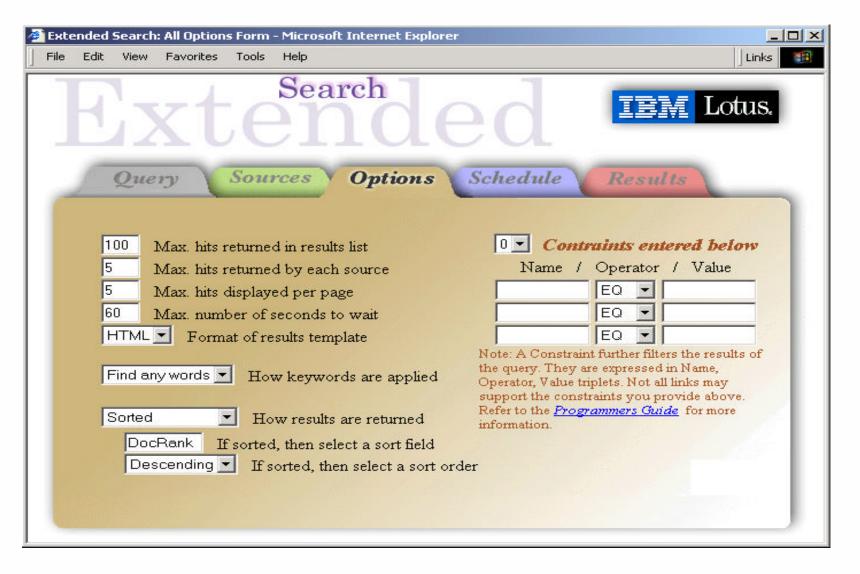   - Web ConfigurationToolkit
- ES Link Toolkit and Java APIs

Extended Search

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Admin Console (Multi - Server View)

'Demo' Web Client
Sample provided with ES displays all search options

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'Demo' Web Client: End User Search Options Sources Tab

Demo Web Client Search Options: Options Tab

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Demo Web Client Search Options: Schedule Tab

Demo Web Client Search Options: Results Tab

Example - Customised Search Interface