Title: SYSTEM AND METHOD FOR SEAMLESS ACCESS TO MULTIPLE DATA SOURCES

Abstract: A system and method for providing simultaneous or independent access to disparate data sources in a single login session. A user logs into a front-end application session using a custom responsibility. The user submits a query for accessing data from backend enterprise databases, which store current and archived data separately. The data query is channeled to an interoperable layer. The query is modified to a union query at the interoperable layer, to facilitate simultaneous access to current and archived data. This is done by constructing similar queries for accessing data from each of the multiple data sources. The queries are subsequently combined. Next, the union query is routed to the backend database servers which process the query and retrieve data from current as well as archive databases, in response to the query. The retrieved data is then integrated and presented to the user as an exhaustive search result.
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/07513

A. CLASSIFICATION OF SUBJECT MATTER

BPC: G06P 7/00(2006.01), 17/00(2006.01); G06Q 40/00(2006.01)

USPC: 707/2,103R-.705/35

According to International Patent Classification (D/C) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S.: 707/2,103R; 705/35

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y, P</td>
<td>US 6,901,409 B2 (Dessloch et al.) 31 May 2005 (31.05.2005) col. 4, line 57 - col. 5; line 63.</td>
<td>5-6, 11, 17, 19</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing data

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"A" document member of the same patent family

Date of the actual completion of the international search
16 January 2007 (16.01.2007)

Date of mailing of the international search report
27 FEB 2007

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer
Susan Y. Chen
Telephone No. 571-272-0800

Form PCT/ISA/210 (second sheet) (April 2005)