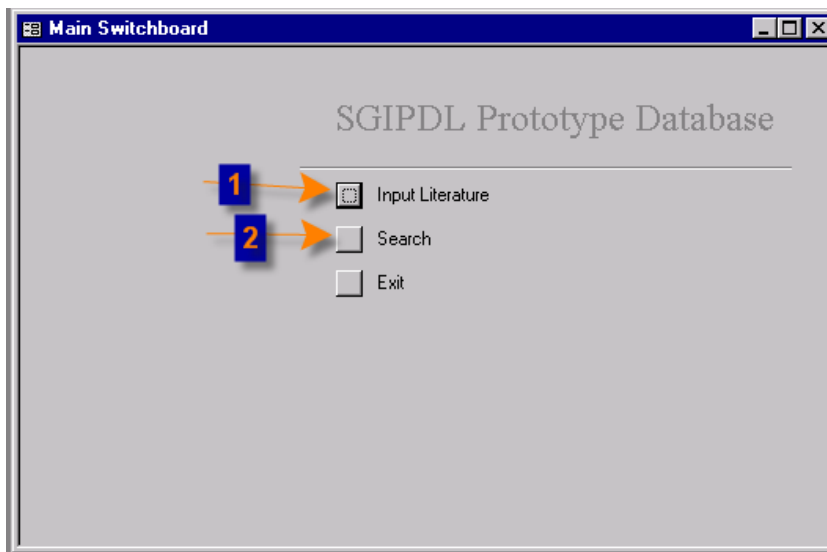


Search Guidance IPDL Presentation

PCT/MIA/11 February 21, 2005

Screen shots of the prototype being developed for Search Guidance IPDL



1. Phase 1: build data entry *Input Literature* screens

2. Phase 2: build search data functionality (*Search Literature*)

Phase 3: build search results handling

Phase 4: deployment to WIPO website

Phase 5: input data

Phase 6: use Search Guidance IPDL

Data Entry - Identity tab



1 Input Literature

2 Record: 1 of 25

3 Add Save Delete Undo Refresh Close Search

4 Input other tables: Providers, Classes, Publishers, Subjects

5 Identity Coverage Access Context Classes / Subjects Summary

6 ID: 1 PCT (R34) PCT/071 Ref. ID: 209

7 Last Updated: 23/11/04 Last Contributor: IB

8 Title: IEEE - Transactions on Biomedical Engineering

9 ISSN (print): 0018-9294 ISSN (web):

Abbreviated Title: IEEE trans. biomed. eng.

Other Titles: ex IEEE Transactions on Bio-medical Electronics - ISSN: 0C

Publisher: Institute of Electrical and Electronics Engineers Inc. More about Publisher

Internet Address: <http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?puNumber=10>

Image (path): [Mary\0209.qif](#)

Navigation hints:

Data source type: 1 PCT Periodical 2 -- 3 --

2. Prototype - 25 records so far

3. Some record control buttons are provided

4. Access to update Data Providers and Publishers are provided

5. Data organised in tab order according to logical groupings

6. Data source shows the last update in November was recorded by International Bureau

7. Publisher details can be viewed via this button

8. Internet address is suitable to begin online searching from

Identity tab - another example



Input Literature

LITERATURE

Input Literature: Add, Save, Delete, Undo
Refresh, Search, Close
Input other tables: Providers, Classes, Publishers, Subjects

Identity | Coverage | Access | Context | Classes / Subjects | Summary

ID: 8 PCT (R34): No Ref. ID: 77
Last Updated: 23/11/04 Last Contributor: JB
Title: AGRICOLA (AGRICultural OnLine Access)
ISSN (print): 0897-3237 ISSN (web):
Abbreviated Title: n/a
Other Titles:
3 Publisher: U.S. National Agricultural Library More about Publisher
5 Internet Address: <http://agricola.nal.usda.gov/>
Image (path): [Mary\0077.gif](#) 6
4 Navigation hints: type your keywords in the Quick Search option or navigate to Search or Browse
2 Data source type: 1 Database 2 3
1 Database
--
Database
Newspaper
Non-PCT Periodical
Patents
PCT Periodical

Record: 8 of 25

Looking at another example:

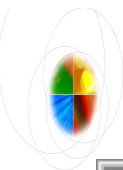
1. Record number 8

2. The data source type is Database

3. The most appropriate Internet address where you can access the database is shown here. Other Internet addresses may be available via the data providers on the Context tab.

4. Navigation hints relating to the Internet address above can be entered

5. A screen shot of the Internet search entry point may be available by clicking this link



Identity tab - another example

Microsoft Photo Editor

0077.gif

National Agricultural Library AGRICOLA

Providers Classes Publishers Subjects

Ref. ID 77

Internet Address <http://agricola.nal.usda.gov/>

Image (path) 0077.gif

Navigation hints type your keywords in the Quick Search option or navigate to Search or Browse

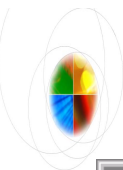
Data source type 1 Database 2 -- 3 --

More about Publisher

1. Having clicked the image link...

2. A depiction of the Internet site appears. Here an arrow points to where you can expect to begin searching on the live site.

3. Or, you might want to find out more about the Publisher



Identity tab - Publisher details

The screenshot shows the 'Input Literature' application window. A 'Publisher Details' dialog box is open, displaying the following information:

Field	Value
ID	5
Name	U.S. National Agricultural Library
Address Line 1	10301 Baltimore Ave
Address Line 2	Rm 204
Address Line 3	Beltsville, MD 20705-235
Country	U.S.A
Internet	

The main window shows a list of records with the 'Identity' tab selected. The record list shows 'Record: 1 of 1 (Filtered)'. The data source type is set to 'Database'.

Coverage tab



Input Literature

LITERATURE

Input Literature: Add, Save, Delete, Undo

Refresh, Close, Search

Input other tables: Providers, Classes, Publishers, Subjects

Identity Coverage Access Context Classes / Subjects Summary

IEEE - Transactions on Biomedical Engineering

Description: Focuses on concepts and methods of the physical and engineering sciences applied in biology and medicine.

Technical Content: Yes

Prior Art Date: Yes

Geographical Coverage: International

Country of Origin: US

Languages: 1 EN, 2 --, 3 --

Publication frequency: 12 times per year

Date range covered: Print: 1953+

DE, EN, FR, IT, JP

Record: 1 of 25

#2 Coverage tab

1. Moving to the next tab relating to the first record for the first data source record guides the data entry person to what information is sought

2. Some information such as title of data source is repeated

3. Selection criteria questions are posed

4. Drop down valid lists are provided where appropriate

Access tab



Input Literature

LITERATURE

Input Literature: Add, Save, Delete, Undo

Refresh, Search, Close

Input other tables: Providers, Classes, Publishers, Subjects

Identity | Coverage | **Access** | Context | Classes / Subjects | Summary

IEEE - Transactions on Biomedical Engineering

Cost: USD 830 (effective 2005)

Media: Microform, Online - full text

URL: <http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?puNumber=10>

Searchable: Yes | Browseable: Yes | Full text Available: Yes

Searchability/availability comments: Subscribers can search. Free browseability from 19... present. Abstracts freely displayed, articles can be purchased.

Record: 1 of 25

1. Information about how accessible and searchable a data source is contained on this *Access* tab

2. Online availability comments relating to the the stated Internet address is provided

3. Yes, No, or ? options are sought as they relate to the data available from the stated internet address

4. But owing to the variability of data source provision on the Internet, a comment box including helpful advice is also provided

Context tab



The screenshot shows the 'Input Literature' application window. At the top, there are two groups of buttons: 'Input Literature' (Add, Save, Delete, Undo) and 'Input other tables' (Providers, Classes, Publishers, Subjects). A 'Refresh' and 'Close' button are also present. A 'Search' button is located below the 'Refresh' button. The 'Context' tab is selected, showing a search bar with the text 'IEEE - Transactions on Biomedical Engineering'. Below the search bar, there is a field for 'Contains articles / abstracts from' and a 'Jopal' dropdown menu set to 'Yes'. A 'Data Providers' list is shown, with 'INSPEC' selected. To the right of the list, there are 'More about provider' buttons for each provider. The status bar at the bottom indicates 'Record: 1 of 25'.

1. The Context tab includes information about how the named data source fits in with other data sources

2. For data sources that collate or index other sources, the articles or abstracts referred to can be commented on

3. Data providers who allow access to *IEEE - Transactions on Biomedical Engineering* are selected here

4. More information about the data provider can be accessed from clicking here

Classes / Subjects tab



The screenshot shows the 'Input Literature' application window. At the top, there are buttons for 'Add', 'Save', 'Delete', and 'Undo' under 'Input Literature', and 'Refresh', 'Close', and 'Search' in the center. On the right, there are buttons for 'Providers', 'Classes', 'Publishers', and 'Subjects' under 'Input other tables'. Below these is a tabbed interface with 'Classes / Subjects' selected. The search bar contains the text 'IEEE - Transactions on Biomedical Engineering'. The 'Classes' section shows a list of classes from A43 to A63, with A61 selected. The 'Subjects' section shows a list of subjects: Biology, Engineering, Medicine / Health, Physics, and an empty field with an asterisk. At the bottom, there are record navigation controls for both the 'Classes' and 'Subjects' sections.

1. One or more classes and subjects can be selected on this tab
2. These classes or subjects can later be used as searchable options
3. Four subjects have been chosen as relevant

Summary tab



Input Literature

LITERATURE

Input Literature: Add, Save, Delete, Undo

Input other tables: Providers, Classes, Publishers, Subjects

Refresh, Close, Search

Identity | Coverage | Access | Context | Classes / Subjects | **Summary**

IEEE - Transactions on Biomedical Engineering

Summary

IEEE - Transactions on Biomedical Engineering (PCT/071) focuses on concepts and methods of the physical and engineering sciences applied in biology and medicine. Cost: \$. ISSN: 0018-9294. Print: from 1953. Abstracts freely displayed 1988+, articles \$. Text searchable \$.

Other Remarks

Record: 1 of 25

1. The most salient features of the data source are summarized here

The summary may be suitable to show on a condensed version of a future results list

It is anticipated that a detailed and summary version describing a data source will be required

2. Other remarks can be entered

Patent Collection Information



Input Literature

LITERATURE

Input Literature: Add, Save, Delete, Undo

Input other tables: Providers, Classes, Publishers, Subjects

Refresh, Close, Search

Identity | Coverage | Access | Context | Classes / Subjects | **Summary**

Patent Documents from the INTERNATIONAL BUREAU OF WIPO

1 Summary

PCT Published Patents. Source: INTERNATIONAL BUREAU of WIPO. PCT Minimum Documentation. Internet: <http://www.wipo.int/ipdl/en/search/pct/search-struct.jspl>. Coverage: International. Languages: en, fr, es. Print: 1978 +; Internet: 1997+. Internet: Free of charge. Media: Internet, DVD, paper. Frequency: 52 / year. Contains technical content, prior art date. Available also through: Delphion, DIALOG, EPO, LexisNexis.

Other Remarks

Record: 24 of 25

1. The Search Guidance IPDL may also be suitable for displaying patent information included in PCT Minimum Documentation

2. In this example record 24 pertains to PCT published patents

Similar information can be gathered about patent and periodical collections

Search by class



The screenshot shows the 'Input Literature' application window. At the top, there are buttons for 'Add', 'Save', 'Delete', and 'Undo' under 'Input Literature', and 'Refresh', 'Close', and 'Search' under 'LITERATURE'. There are also buttons for 'Providers', 'Classes', 'Publishers', and 'Subjects' under 'Input other tables'. A 'Search Form' dialog box is open, titled 'Select'. It contains five fields: 'Class' (set to 'A01'), 'Provider', 'Subject', 'Source Type', and 'Text search*'. Each field has a 'Clear' button to its right. A 'Search' button is at the bottom of the dialog. A note at the bottom of the dialog states: '* Text search is done in fields Description and Summary'. The background window shows a table with columns 'Identity', 'Coverage', and 'Accession', and a 'Summary' section with text: 'PCT Publisher Documentation Coverage: Int charge. Mediat date. Avail'. At the bottom of the window, there is a record navigation bar showing 'Record: 24 of 25'.

1. Once data has been input, the Search Guidance IPDL may be interrogated to bring back a refined list of results relating to the search parameters such as combinations of one or more of Class(es), Subject(s), Data source type (patents, journals...), text, and / or data provider.

2. In this screen shot, the search is for all data sources that have A01 recorded as a relevant class.

3. Relevant sources meeting the criteria include Patent collections where *All* classes are recorded.

Search by class results



1. AGRICOLA is another data source recorded as meeting the criteria.

The screenshot shows a search interface with two windows. The top window, titled 'Search Form', has a 'Select' section with 'Class' set to 'A01' and 'Provider' empty. The bottom window, titled 'View by selected Class', has tabs for 'Identity', 'Coverage', 'Access', 'Context', 'Classes / Subjects', and 'Summary'. The 'Classes / Subjects' tab is active, showing 'AGRICOLA (AGRICultural OnLine Access)'. Below this, there are two columns: 'Classes' and 'Subjects'. The 'Classes' column lists 'A01', 'A22', 'A23', 'A61', and 'C05'. The 'Subjects' column lists 'Agriculture / Fishing', 'Biology', 'Botany', 'Food / Beverage', 'Horticulture', and 'Veterinary Medicine'. At the bottom, there are two record navigation bars. The first bar shows 'Record: 1 of 5' and the second bar shows 'Record: 1 of 6'. Three blue callout boxes with orange arrows point to specific elements: '1' points to the 'Summary' tab, '2' points to the 'A01' class dropdown, and '3' points to the 'Record: 1 of 6' navigation bar.

Search by text

A screenshot of a web application window titled "Search Form". The window contains a "Select" section with five dropdown menus: "Class", "Provider", "Subject", "Source Type", and "Text search*". The "Text search*" field contains the text "agricultur". To the right of each dropdown menu is a "Clear" button. Below these fields is a "Search" button. Two orange arrows point to the "Search" button: one labeled "1" points to the top of the button, and another labeled "2" points to the bottom of the button. A mouse cursor is positioned over the "Search" button. At the bottom of the form, there is a note: "* Text search is done in fields Description and Summary".

1. Search for text appearing in certain field of the Search Guidance IPDL.

Here the occurrence of the text string *agricultur* where it appears in the description or summary fields is being sought.

2. Press the Search button to get results

Search by text results



Search Form

Select

View by textual search

Identity Coverage Access Context Classes / Subjects Summary

AGRICOLA (AGRICultural OnLine Access)

Description: National Agricultural Library's database of books and Journal articles covering all aspects of agriculture.

Technical Content: Yes | Prior Art Date: Yes

Geographical Coverage: International | Country of Origin: US

Languages: 1 EN | 2 -- | 3 -- | Publication frequency: 4 times per year

Date range covered: 1970+ electronic coverage; 15th century+ selected items

Record: 1 of 2

1. This search found 2 results

2. Owing to the occurrence of the text string *agricultur* where it appears in the description field

Search by Data Provider



Select

Class Clear

Provider Clear

View by selected Provider

Identity Coverage Access Context **Classes / Subjects** Summary

Patent Documents from the UNITED STATES OF AMERICA

Contains articles / abstracts from

Jopai

Data Providers

<input type="checkbox"/>	Provider	<input type="text" value="Delphion"/>	<input type="button" value="More about provider"/>
<input type="checkbox"/>	Provider	<input type="text" value="DIALOG"/>	<input type="button" value="More about provider"/>
<input checked="" type="checkbox"/>	Provider	<input type="text" value="EPO"/>	<input type="button" value="More about provider"/>
<input type="checkbox"/>	Provider	<input type="text" value="MicroPatent"/>	<input type="button" value="More about provider"/>
<input type="checkbox"/>	Provider	<input type="text" value="Questel Orbit"/>	<input type="button" value="More about provider"/>
<input type="checkbox"/>	Provider	<input type="text" value="SurfIP"/>	<input type="button" value="More about provider"/>

Record: of 6

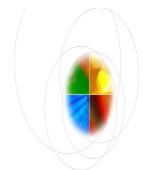
Record: of 2

1. Or one could search for all data sources provided by a specific data provider, in this case the EPO

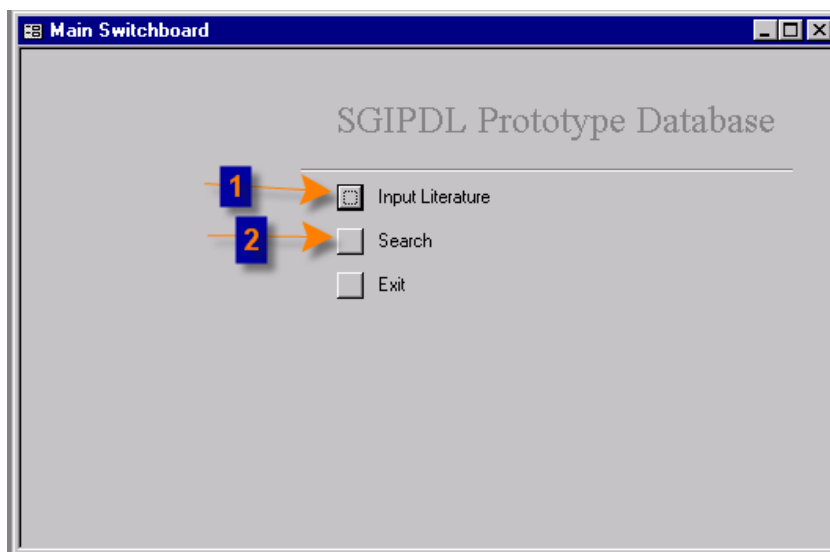
2. EPO is listed as one of the data providers for US patents. 10 data providers have been entered as providing US patents

Search criteria thought to be useful are:

- text occurring in an SGIPDL field
- one or more subjects
- one or more classes
- a database provider selected from a list
- data source type (e.g. database, patent collection...)



Next Steps



1. A copy of the prototype will be made available on demand to ISA representatives who wish to provide feedback. Feedback about data and search requirements is sought.

The prototype is available in Microsoft Access 97 format.

2. The next phase of prototype development is building search parameters and logic.

Contact us at pctmin.doc@wipo.int