

WIPO



SCIT/SDWG/2/8
ORIGINAL:English
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WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

**STANDING COMMITTEE ON INFORMATION TECHNOLOGIES
STANDARDS AND DOCUMENTATION WORKING GROUP
Second Session
Geneva, December 2 to 6, 2002**

ESTABLISHMENT OF AN INVENTORY OF ELECTRONIC DATA PRODUCTS
PRODUCED BY INTELLECTUAL PROPERTY OFFICES FOR THE PURPOSE OF
DISSEMINATING THEIR INTELLECTUAL PROPERTY INFORMATION
(TASK NO. 33)

Document prepared by the Secretariat

1. At its first session, the Standards and Documentation Working Group (SDWG) of the Standing Committee on Information Technologies (SCIT), agreed, during its discussion on Task No. 7, to initiate a new task to establish an inventory of electronic data products produced by intellectual property offices for the purpose of disseminating their intellectual property information. The SDWG welcomed the offer made by the Delegation of Romania to prepare the said project brief. (See paragraph 14 of document SCIT/SDWG/1/9.)

2. On June 29, 2001, the State Office for Inventions and Trademarks of Romania submitted to the Secretariat a project brief that had been prepared in consultation with other industrial property offices. The said project brief was presented for consideration by the SCIT Plenary at its seventh session, held in June 2002. The SCIT Plenary agreed:

CIT

(a) to create a task that would establish an inventory of electronic data products produced by intellectual property offices; and

(b) to establish a Task Force to handle such a new task.

The SCIT Plenary also welcomed the offer of the Delegation of Romania to be leader of the Task Force. (See paragraphs 34 to 36 of document SCIT/7/17.)

3. Subsequently, the International Bureau (IB) distributed, by e-mail, a letter by the State Office for Inventions and Trademarks of Romania, dated July 11, 2002, inviting those Offices wishing to participate in the discussion to nominate a representative. In reply to this circular, the Offices nominated 13 representatives.

4. Upon setting up the electronic forum, the Task Force began its discussions on the basis of the project brief referred to in paragraph 2, above, on August 26, 2002. As leader of the Task Force, the State Office for Inventions and Trademarks of Romania submitted its report on the proposed inventory on October 10, 2002, for the consideration by the SDWG. The report of the Task Force is reproduced as an Annex to this document and its Appendix.

5. *The SDWG is invited:*

(a) *to consider the contents of the Report of the Task Force as given in the Annex to this document;*

(b) *to also consider the endorsement of the Report for presentation at the SCIT Plenary.*

[Annex follows]

ANNEX

TASK FORCE REPORT
ESTABLISHMENT OF AN INVENTORY OF ELECTRONIC DATA PRODUCTS
PRODUCED BY INDUSTRIAL PROPERTY OFFICES PRODUCTS FOR THE
PURPOSE OF DISSEMINATING THEIR INDUSTRIAL PROPERTY INFORMATION.
(October 2002)

GENERAL ASPECTS

The task intends to answer to the need to obtain a coherent and up-to-date information regarding the way Industrial Property Offices (IPOs) disseminate data on Industrial Property (IP) activities. Such information is usually made available through each IP publications which are in the form of traditional supports – such as paper or micro formats, or modern (electronic) carriers – such as magnetic tapes, floppy disks, CD-ROMs, DVDs or INTERNET.

The SCIT Plenary, in June 2002, agreed to create a task that would establish an inventory of electronic data products produced by intellectual property offices and also to establish a Task Force to handle such a new task (see paragraph 35 of document SCIT/7/17).

It is proposed that an inventory be created and hosted on the WIPO web site, which will be supported by a database based system, allowing remote update by individual IPOs and simple retrieval requests related to IPOs product types. The application will allow to each user to submit documents / product requests to the IPO. Administration and remote access technologies will be browser based (preferably Java) and will not demand for special equipments.

By September 27, 2002, the task force held discussions on the subject, and comments were received by the task leader from USPTO and SIPO.

1. Main Functionalities of the Application

Collecting, storing and providing information concerning products (publications) of IPOs, according to the title of the task force.

2. Description of the Application

The application will allow to various types of users to connect to the database hosted by WIPO and to perform queries, updates on the data stored there. The contents of the database (records will be in English). The labels on the screen can be translated into the national language of each IPO.

2.1 The application of the database is based on and will be hosted by WIPO. It should be accessible both via Internet and WIPONET. WIPO will designate a database administrator (DBA) who will be responsible for the integrity and consistency of the database, and also for the security of the system.

2.2 Other than WIPO's staff, two other kinds of users can connect to the system:

– *administrators from national offices*

Each national office will designate a person who will be responsible for updating the data, in time and correctly, with the information made available by the IPOs.

– *normal users*

Any person interested in querying the database.

2.3 The DBA from WIPO will have full access to all information in the database. He/she will be allowed to perform specific task through the application, such as: defining and managing users and users rights of access, information which is permanently stored in the database (list of countries, of languages, types of support, etc.).

All updates in the database will be recorded in a history table. These records can not be altered through the application. The DBA from WIPO will be able to obtain various kind of reports from this history table, concerning the events performed by DBAs of the national IPOs and registered users. Recording queries done by registered users will allow: first of all, to be able to study the coverage of searches in order to optimize the application, and, also to avoid sending notifications (see paragraph 4 below) to users who do not want this kind of information.

2.4 Local DBAs, designated by each national IPO will be allowed to insert new records in the database, to update existing records and to delete them, but only for the country (national office) he/she belongs to. He/she will also have access to a tool to translate into the national language, the labels which are displayed on the search and results screens. This DBA will be also allowed to obtain reports from history table, but only for the actions he performed in the database.

2.5 Normal users will be able to perform searches on the database. However, they cannot perform any update on the existing record. Normal users can also be divided into two kinds:

– *users who agree to register, thus having access to all features of the application (for queries)*

They will receive a logon and a password for accessing the system, after filling the registration form. They will be able to choose the language in which the labels on the query and result screens will be displayed. Their queries and identification will be stored in the history table.

– *users who do not want to register*

They will use “guest” as logon and password. They will have limited access to the database and their actions will be not recorded in the history table.

3. Detailed Description of the Application

The four categories of users who can access the database will have to use the logon and password provided (including the "guest" ones). This kind of information is confidential and managed only by WIPO's DBA.

In the history table, the following information will be stored: identification code of the user, country code, IP address, date (hour to minute) when action was done, identification of the products accessed, and, in case of updates, the previous contents of the main table.

Normal users who agree to register will receive, from the WIPO's DBA, by e-mail, the logon and password to access the database.

The DBAs from national IPOs will receive also a logon and a password. All the management of users and access rights is done only by WIPO's DBA. According to its internal security policy, WIPO will manage the security issues.

A brief description of the main screens and actions will be described in the next paragraphs. The layout of all the screens and more details concerning actions are presented in the attached Appendix.

3.1 When launching the application, users have to key in a logon and a password. In the same screen the new users have the option to register themselves, or enter as user "guest" (see screen 3.1 in Appendix).

3.2 "Guest" users and "registered" users have access only to the search screen. They will be asked to select a language in which the labels will be displayed (see screen 3.3 in Appendix), and only after that they could access the search and results screens. The search criteria are (see screens 3.2.x in Appendix):

- Country
- IP field
- Name (commercial) of the product
- Language used for the product
- Support
- Date when the product became available.

The result of search will be presented in two steps: one short display from which details for a given product may be obtain, as second step.

3.3 A registered user will have access to the features presented in paragraph 4 below, while "guest" users will have not access to them.

3.4 A local DBA (designated by each national IPO), after logon screen will have access to "administration tools" screen (see screen 3.4 - Administration tools in Appendix). Each local DBA will have also access to the Search screen like a registered normal user. For local DBAs, tools are available for administration. He/She will be able to choose the following options:

- Insert a new product (see 3.4.1)
- Update an existing product (see 3.4.1)
- Delete an existing product (see 3.4.4)
- Translate labels into his/hers language (see 3.4.2)
- Update the translation of the labels (see 3.4.2)
- Translate "Help" into his/hers language (see 3.4.3)
- Update the translation of the "Help" (see 3.4.3)
- Management of image corresponding to the product (logo) - (screens: 3.4.1 - Management of images (logo) - Update of existing logo; 3.4.1 Management of images (logo) - Insert a logo; 3.4.1 Management of images (logo) - Upload of a logo)
- Management of various locations where a product may be accessed or ordered from (screens: 3.4.1 - Management of locations - List of locations; 3.4.1 Management of locations- Insert; 3.4.1 Management of locations- Update)
- Obtain a complete report of all the actions he had performed (see screen 3.4.1 - Complete report for local DBA)
- Obtain a report for the last 30 days of the actions he had performed (see screen 3.4.1 - Report for the last 30 days for local DBA).

All these options are presented in Appendix, screen 3.4 - Options. These actions presented above can be done only on the records of the local DBA who has the rights to access, i.e. records belonging to his/her national office.

3.4.1 The screen for inserting (and updating) products is described below. If updating product tool is chosen, the local DBA will have to indicate the product ID in an intermediary screen that he/she wants to update (see screens: 3.4.1 - Insert; 3.4.1 - Selection for update; 3.4.1 Update, in Appendix).

Fields marked with a "*" are obligatory fields. They will be marked like this on the working screen too:

- *Country code / IPO code (WIPO ST3) - choice from existing list
- *IP domain (patents, trademarks, design, etc) - choice from existing list
- *Name (commercial) of the product
- *Language used for the product (max. 3 languages for one product; standard (ISO 639-1) - choice from existing list
- Contents of the product (description)
- Format used (format used to store data on the product, if it is in electronic form)
- *Issuing date
- *Date when the product becomes available

- *Date when last update was done in the database for this product (automatically filled)
- Legal terms of using
- Commercial terms
- Frequency of publication
- Contact (at the national office)
- URL home Office
- URL at the national office where order or subscription forms can be found
- ISSN/ISBN of the editor
- Editor description (name, address, etc.)
- Remarks concerning the product
- Support/Software/URL where the local DBA may choose all or some options from:
CDROM, DVD, Internet, Paper, Microfilm.

3.4.2 The screen for label translation (see screen 3.4.2 in Appendix), is divided into two vertical parts. One contains the text into English (which is managed by WIPO's DBA), the other next to it, contains the editable corresponding fields where the local DBA may enter or update the items. The labels to be translated are:

1. Search in the database Electronic Inventory
2. Search criteria
3. Country
4. IP field
5. Name (commercial) of the product
6. Language used for the product
7. Support
8. Date when the product became available
9. Search
10. Clear form.

3.4.3 The screen for "Help" regarding translation (or update) follows the same principle used for item indicated in 3.4.2, above, thus the local DBA when seeing in the left side the English version (Managed by WIPO's DBA) of the "Help," will be able to translate it into the chosen language.

3.4.4 For the deletion of a product, the local DBA has to indicate the Product ID he /she wishes to delete, and is also warned that all information concerning that product will be deleted from the database (see screens 3.4.4 - Selection for deletion and 3.4.4 - Confirmation for deletion in Appendix).

3.5 The DBA from WIPO, after logging on, will have access to the following administration tools:

- Management of users (add, update, delete local DBA or registered user)
- Management of countries/IPOS (ST3)
- Management of support
- Management of languages (ISO639 -v1)

- Management of Labels
- Management of IP domains
- Management of "Help"
- Extraction of reports.

4. Features Available for Registered Users

Each registered user (normal user or local DBA) will be able to indicate in the registration form he fills in, if he/she wishes to be automatically notified when a new product is recorded or updated by a given country (indicating one, more than one, or all countries) - *see screen 4 - Registration form in Appendix.*

A registered user will also have the possibility either to “unsubscribe” from these announcements, or to update the items in the form, any time.

5. Features not Covered by the Application

The following administrative tasks will have to be performed with other specific tools and they concern the host of the database:

- backup, restore of data, mirroring solutions etc.
- security of data and of access to data, at both end of the communication channel.
- relational database management
- allocation and management of HW and SW resources.

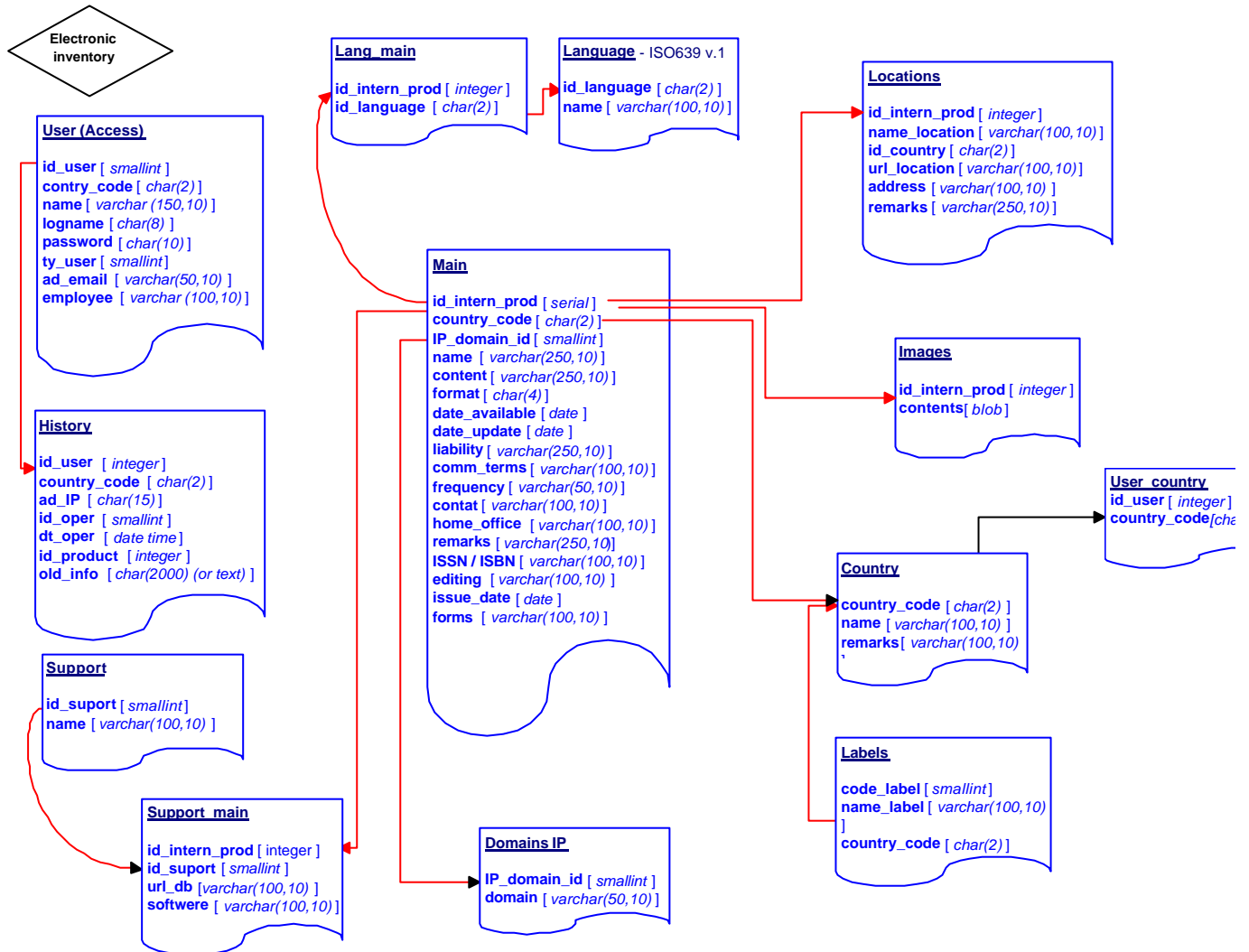
6. Technical Details and Logical Model of the Database

The developments achieved so far, are using Informix as RDBMS on LINUX platform (normal PC) and CGI libraries for the interfaces.

The browsers used for testing are MS - Internet Explorer 5 to 6 and Netscape 4.7 to 7. In this respect, following recommendations are made:

- for users actions, even old versions of the above mentioned browsers may work
- for local DBA actions the best results were obtained on MS - Internet Explorer 5.5 and 6 and Netscape 7.

The main screens used by this application are presented in the Appendix.



[Appendix follows]

APPENDIX

IMPORTANTSCREENSFOR ELECTRONICINVENTORYAPPLICATION

Screen3.1. -Loginandregistration

WIPO_DEMO APPLICATION - ADMINISTRATION TOOLS - Microsoft Internet Explorer

WIPO_DEMO APPLICATION

Electronic inventory of Industrial Property Offices products

Enter your username and password to sign in !

Username:

Password:

Sign In

If you are not a registered user you can use:

Username: **guest**
Password: **guest**

If you are "guest" the information available is restricted

To register click here: [Sign Up](#)

Screen3.2. -SearchwithlabelsinEnglishlanguage

The screenshot shows a web browser window titled "WIPO_DEMO - Microsoft Internet Explorer". The main heading is "Search in the database WIPO_DEMO". Below this, the section "Search criteria:" contains several input fields: "Country:" (text box), "IP field:" (dropdown menu), "Name (commercial) of the product:" (text box), "Language used for the product:" (dropdown menu), "Support:" (dropdown menu), and "Date when the product became available:" (text box). Below these fields is an "Order results by:" dropdown menu. At the bottom of the form are two buttons: "Search" and "Clear form". A purple link labeled "Exit" is positioned below the buttons.

Screen3.2. -SearchwithlabelsinRomanianlanguage

The screenshot shows a web browser window titled "WIPO_DEMO - Microsoft Internet Explorer". The main heading is "Căutare în baza de date WIPO_DEMO". Below this, the section "Criterii de căutare:" contains several input fields: "Țara de origine:" (text box), "Domeniu de interes:" (dropdown menu), "Denumire document:" (text box), "Limba în care apare documentul:" (dropdown menu), "Suport document:" (dropdown menu), and "Data când documentul este disponibil:" (text box). Below these fields is an "Ordonare rezultate după:" dropdown menu. At the bottom of the form are two buttons: "Caută" and "Șterge formular". A purple link labeled "Iesire" is positioned below the buttons.

Screen3.2.1. -Shortdisplay inEnglishlanguage

WIPO-DEMO - Microsoft Internet Explorer

GENERAL DISPLAY

54 records found

Criteria used:
Name (commercial) of the product MATCHES *
Order results by: Date when the product became available

Page: 1, 2 Next

	Name	Country	Language	Available	IP field	Support
1	Buletin Oficial de Proprietate Industrială - Sectiunea Inventii	RO	ro	01/01/1970	Patents	Paper
2	Name 21	RO	nb	12/01/2000	Trademarks	Internet
3	Name 1	RO	am; bh; ch	12/12/2000	Patents	Internet
4	Name 3	RO	as; bh	12/12/2000	Industrial design	Paper
5	Name 5	RO	ar	12/12/2000	Trademarks	CDROM
6	Name 4	RO	am	12/12/2000	Patents	Paper
7	Name 7	RO	am	12/12/2000	Trademarks	Internet
8	Name 8	RO	ba	12/12/2000	Patents	DVD
9	Name 9	RO	ce; cs	12/12/2000	Utility models	microfilm
10	Name 10	RO	ae	12/12/2000	Industrial design	Paper

Screen3.2.1. -ShortdisplayinRomanianlanguage

AFIȘARE SUMARĂ

Căutare nouă

54 înregistrări găsite

ECUAȚIA DE CĂUTARE:
Denumire document MATCHES *
Ordonare rezultate după: Țara de origine

Pagina: [Precedentă](#) **1, 2**

	Denumire	Țara	Limba	Disponibil de la	Domeniu	Suport
51	Name 18	RO	ar	12/12/2000	Patents	DVD
52	Name 19	RO	am	12/12/2000	Patents	Paper
53	Name 20	RO	as	12/12/2000	Utility models	DVD
54	Name 21	RO	nb	12/01/2000	Trademarks	Internet

Pagina: [Precedentă](#) **1, 2**

Căutare nouă

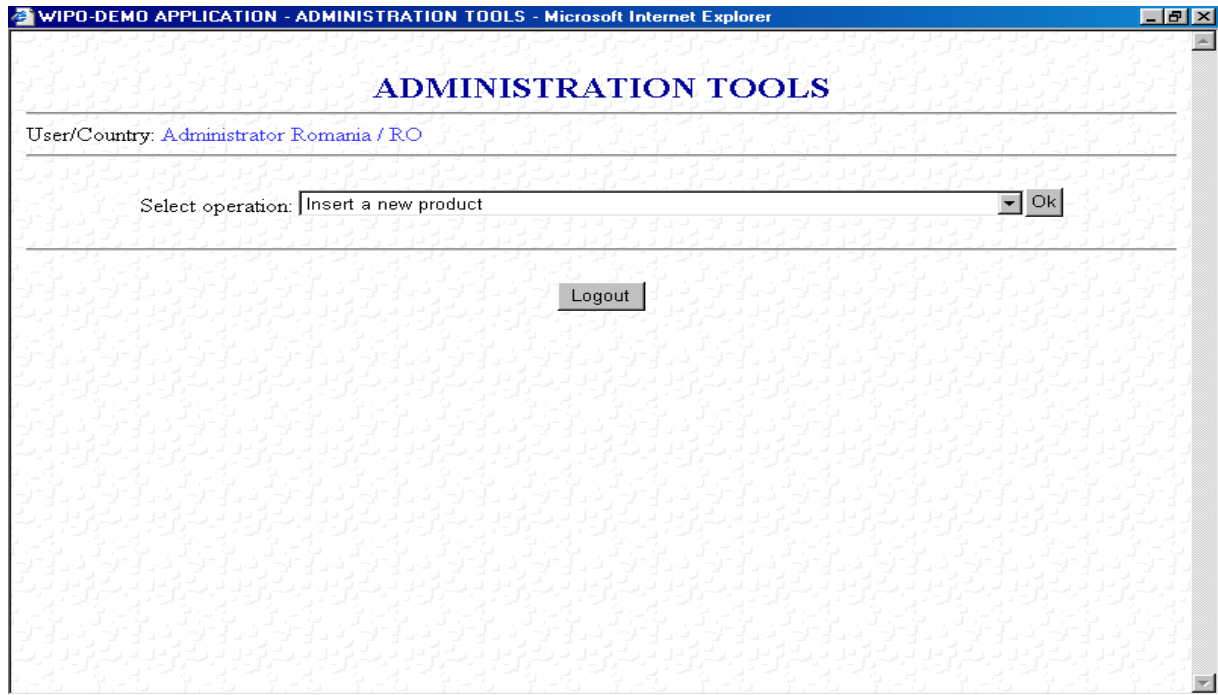
Screen3.3. -CountrySelection

**WIPO-DEMO APPLICATION
SEARCH DATABASE**

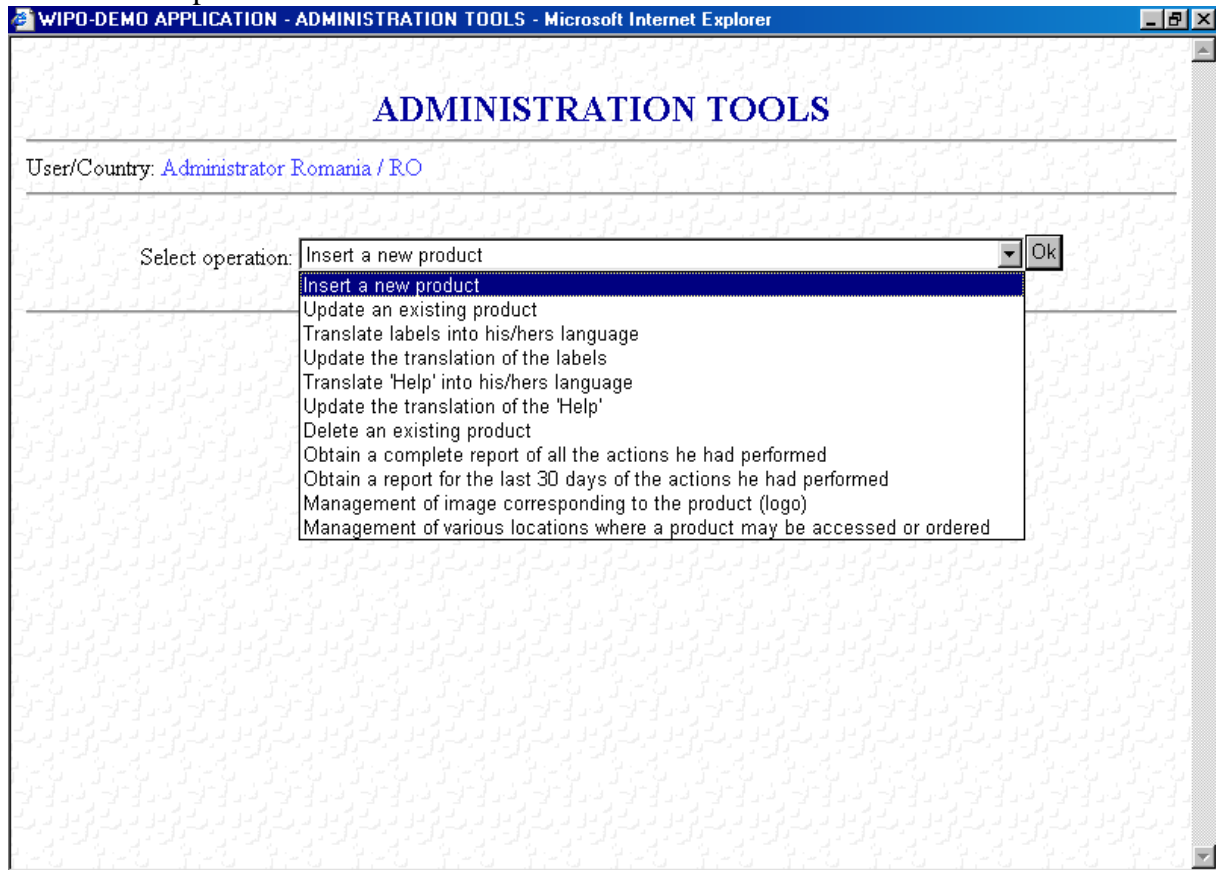
Please select your country:

[Back](#)

Screen3.4. -Administrationtools



Screen3.4. -Options



Screen 3.4.1. -Insert

wipo_demo - Microsoft Internet Explorer

INSERT NEW PRODUCT, then press OK

Fields with (*) are required

Country code / IPO code:	(RO) - ROMANIA - WIPO Standard ST3
*IP field:	<input type="text"/>
*Name (commercial) of the product:	<input type="text"/> <small>Maximum 250 letters</small>
*Language used for the product: <small>You can select multiple languages for the product (max. 3).</small>	<input type="text"/> <input type="button" value="Clear"/> <input type="text"/> ISO 639-1
Contents of the product:	<input type="text"/> <small>Maximum 250 letters</small>
Format used:	<input type="text"/> <small>Maximum 4 letters</small>
*Issue date(DD/MM/YYYY):	<input type="text"/>
*Date when the product became available(DD/MM/YYYY):	<input type="text"/>
*Date when the update was done in the inventory database:	(DD/MM/YYYY): 07/10/2002 *
Legal terms of using information:	<input type="text"/> <small>Maximum 100 letters</small>
Commercial terms:	<input type="text"/> <small>Maximum 100 letters</small>
Frequency of publication:	<input type="text"/> <small>Maximum 50 letters</small>
Contact:	<input type="text"/> <small>Maximum 100 letters</small>

Screen 3.4.1. -Selectionforupdate

WIPO_DEMO APPLICATION - Microsoft Internet Explorer

UPDATE EXISTING PRODUCT FROM THE DATABASE

Please, select the product which you wish to update:

[Back](#)

Screen 3.4.1. -Update

wipo_demo - Microsoft Internet Explorer

UPDATE EXISTING PRODUCT, then press OK


Fields with (*) are required

Country code / IPO code:	(RO) - ROMANIA - WIPO Standard ST3
*IP field:	Patents
*Name (commercial) of the product:	Buletin Oficial de Proprietate Industriala - Secti <small>Maximum 250 letters</small>
*Language used for the product: <small>You can select multiple languages for the product (max. 3).</small>	ro <input type="button" value="Clear"/> ISO 639-1
Contents of the product:	patent application, granted patent, legal status <small>Maximum 250 letters</small>
Format used:	pap <small>Maximum 4 letters</small>
*Issue date(DD/MM/YYYY):	08/10/2002
*Date when the product became available(DD/MM/YYYY):	01/01/1970
Date when the update was done in the inventory database:	(DD/MM/YYYY): 07/10/2002
Legal terms of using information:	<input type="text"/> <small>Maximum 100 letters</small>
Commercial terms:	<input type="text"/> <small>Maximum 100 letters</small>
Frequency of publication:	monthly <small>Maximum 50 letters</small>
Contact:	Cristina Maria Bararu - 00421.3142102 <small>Maximum 100 letters</small>

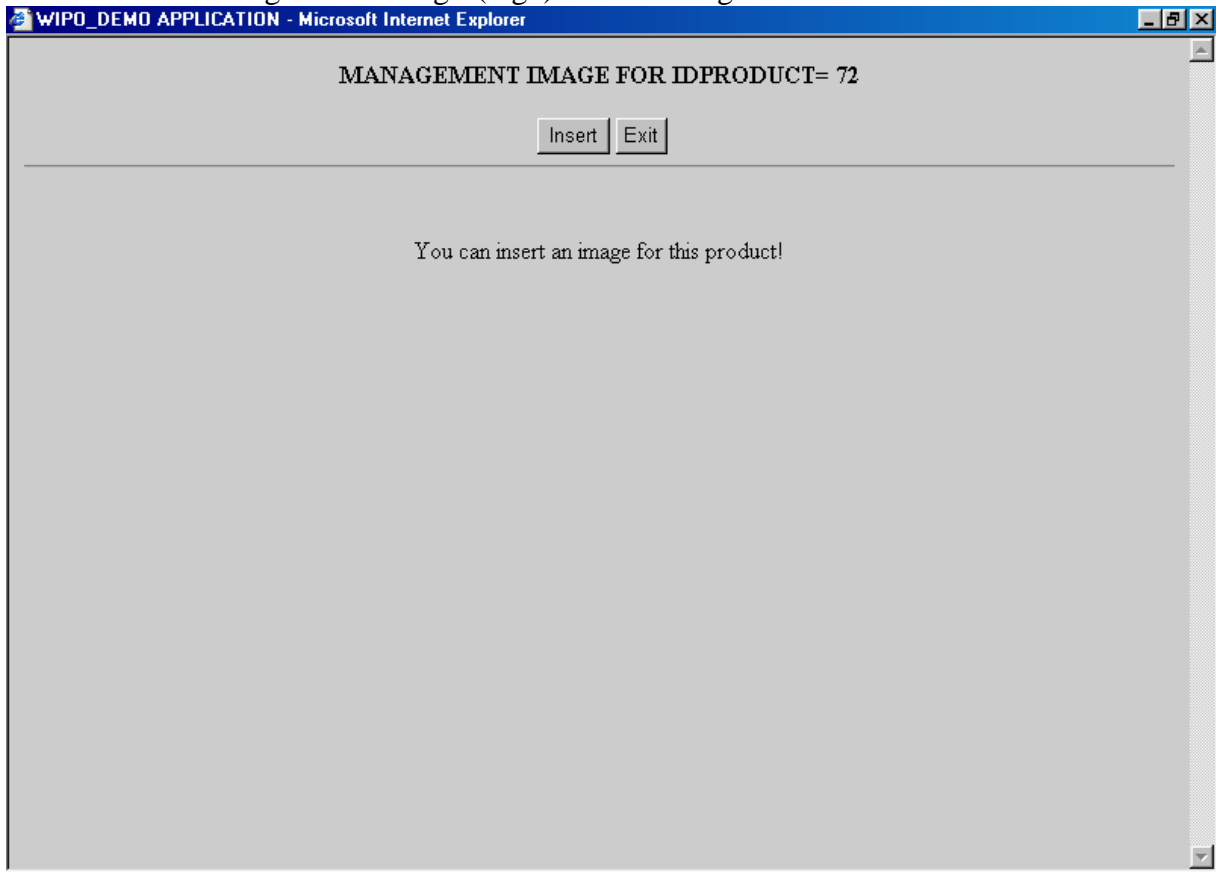
Screen3.4.1. -Managementofimages(logo) -Updateofexistinglogo

WIPO_DEMO APPLICATION - Microsoft Internet Explorer

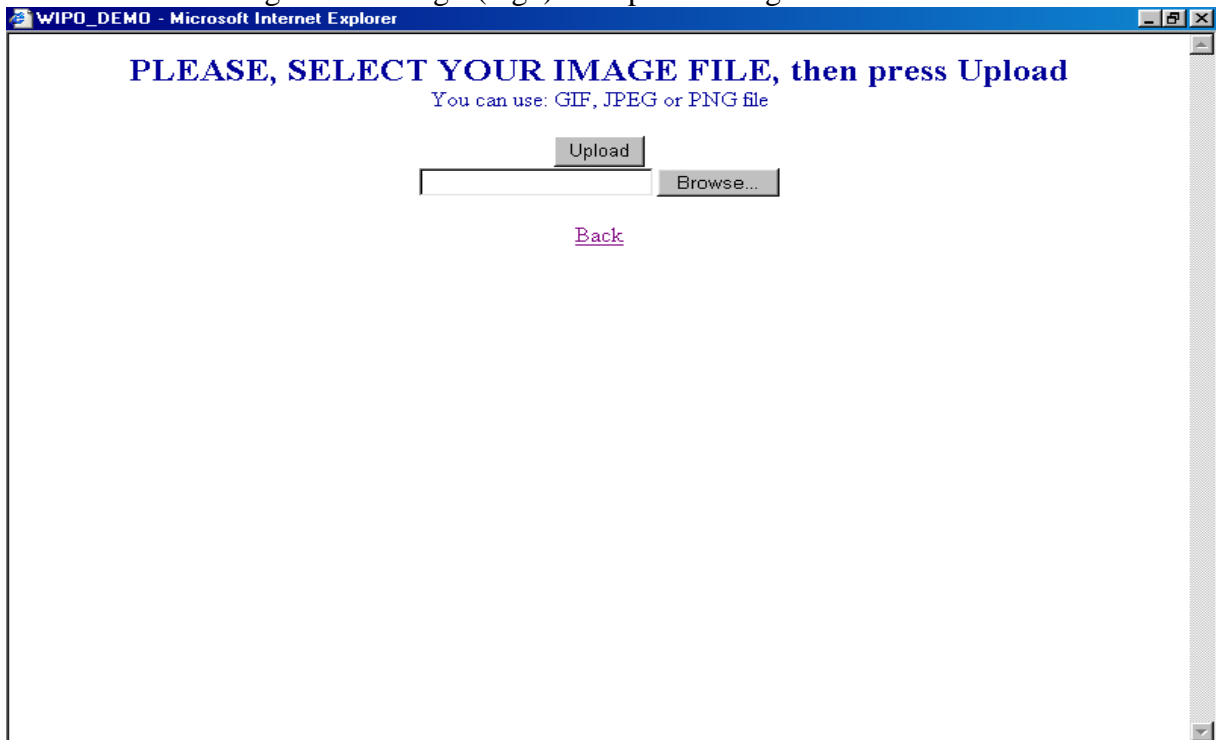
MANAGEMENT IMAGE FOR IDPRODUCT= 72

Product image:


Screen3.4.1. -Managementofimages(logo) -Insertalogo



Screen3.4.1. -Managementofimages(logo) -Uploadofalogo



Screen3.4.1. -Managementoflocation -Listoflocations

CRT.	NAME LOC.	IPO	URL LOC.	ADDRESS	REMARKS
1	<input type="radio"/> Location name	RO	http://www.osim.ro/cgi-bin/Invserach	Bucharest	Romanian patens database
2	<input type="radio"/> Other location	WO	http://www.wipo.net		

Screen3.4.1. -Managementoflocation -Insert

INSERT NEW LOCATION, then press OK
Fields with (*) are required

*Country code / IPO code:

*Location - name:

Location - url:

Address:

Remarks:

[Back](#)

Screen3.4.1. -Managementoflocation -Update

UPDATE THIS LOCATION, then press OK
Fields with (*) are required

*Country code / IPO code:	ROMANIA
*Location - name:	Location name
Location - url:	http://www.osim.ro/cgi-bin/lnvserach
Address:	Bucharest
Remarks:	Romanian patens database

[Back](#)

Screen3.4.1. -Reportforthelast30daysforlocalDBA:

**LAST 30 DAYS DATA EXTRACTION FOR: Administrator Romania
ROMANIA**

Extraction date: 07/10/2002

PROD ID	COMPUTER ID	OPERATION	OPERATION DATE-TIME
75	172.16.1.20	Insert a new product	07/10/2002 - 10:26:47
75	172.16.1.20	Update an existing product	07/10/2002 - 10:27:06
-	172.16.1.20	Update the translation of the labels	07/10/2002 - 10:27:19
-	172.16.1.20	Update the translation of the 'Help'	07/10/2002 - 10:27:31
72	172.16.1.20	Management of images - insert new image	07/10/2002 - 10:28:14
73	172.16.1.20	Management of location - insert location	07/10/2002 - 10:28:42
75	172.16.1.77	Delete an existing product	07/10/2002 - 10:30:43
73	172.16.1.20	Management of location - delete location	07/10/2002 - 10:31:00

[Back](#)

Screen3.4.1. -CompletereportoflocalDBA

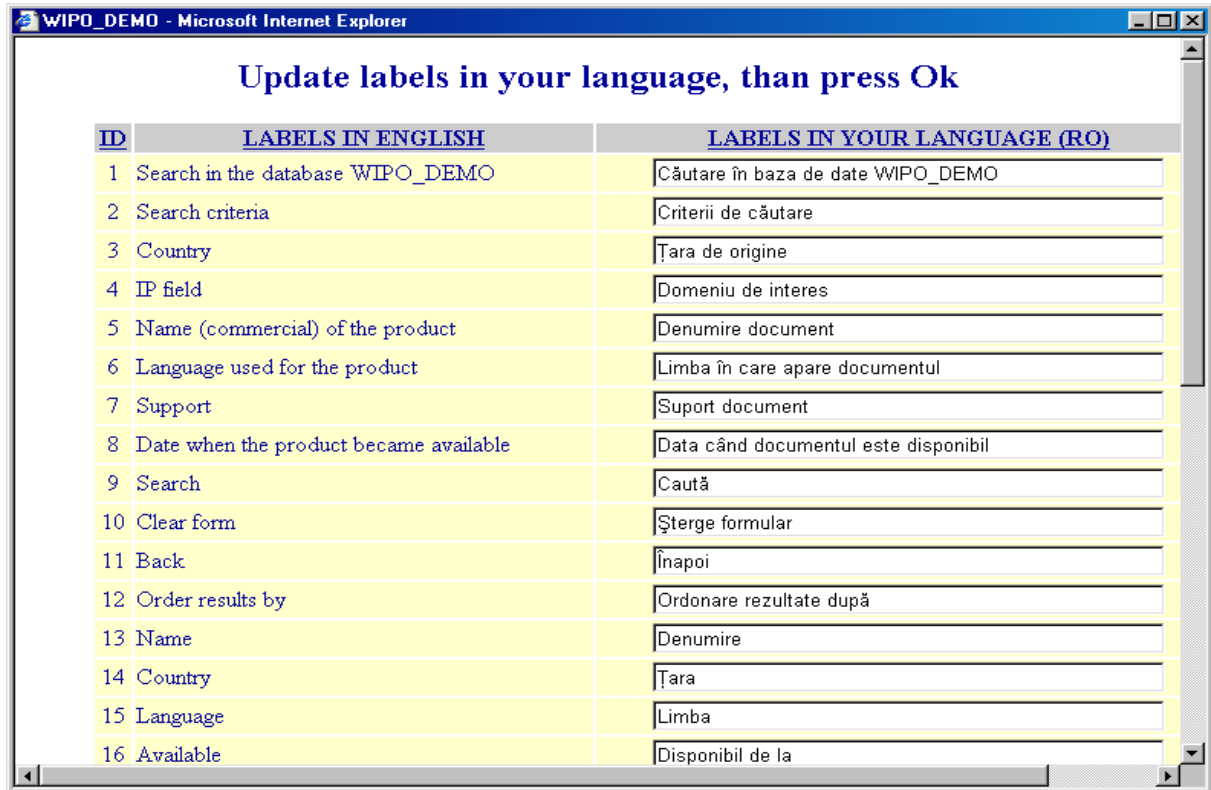
**COMPLETE DATA EXTRACTION FOR: Administrator Romania
ROMANIA**

Extraction date: 07/10/2002

PROD ID	COMPUTER ID	OPERATION	OPERATION DATE-TIME
75	172.16.1.20	Insert a new product	07/10/2002 - 10:26:47
75	172.16.1.20	Update an existing product	07/10/2002 - 10:27:06
-	172.16.1.20	Update the translation of the labels	07/10/2002 - 10:27:19
-	172.16.1.20	Update the translation of the 'Help'	07/10/2002 - 10:27:31
72	172.16.1.20	Management of images - insert new image	07/10/2002 - 10:28:14
73	172.16.1.20	Management of location - insert location	07/10/2002 - 10:28:42
75	172.16.1.77	Delete an existing product	07/10/2002 - 10:30:43
73	172.16.1.20	Management of location - delete location	07/10/2002 - 10:31:00

[Back](#)

Screen3.4.2. -Labelstranlation



Update labels in your language, than press Ok

ID	LABELS IN ENGLISH	LABELS IN YOUR LANGUAGE (RO)
1	Search in the database WIPO_DEMO	Căutare în baza de date WIPO_DEMO
2	Search criteria	Criterii de căutare
3	Country	Țara de origine
4	IP field	Domeniu de interes
5	Name (commercial) of the product	Denumire document
6	Language used for the product	Limba în care apare documentul
7	Support	Support document
8	Date when the product became available	Data când documentul este disponibil
9	Search	Caută
10	Clear form	Șterge formular
11	Back	Înapoi
12	Order results by	Ordonare rezultate după
13	Name	Denumire
14	Country	Țara
15	Language	Limba
16	Available	Disponibil de la

Screen3.4.4. -Selectionfordeletion

WIPO_DEMO APPLICATION - Microsoft Internet Explorer

DELETE EXISTING PRODUCT FROM THE DATABASE

Please, select the product which you wish to delete:

WARNING: All registered data from the specified product will be lost.
[Back](#)

Screen3.4.4. -Confirmationfordeletion

WIPO_DEMO APPLICATION - Microsoft Internet Explorer

CONFIRMATION

ROMANIA contact: Cristina Maria Bararu - 00421.3142102

Product ID: 74 Product Name: Buletin Oficial de Proprietate Industriala - Sectiunea Inventii
IP field: Patents
Format used: pap
Date when the product became available: 01/01/1970 Contents of the product: patent application, granted patent, legal status
Legal terms of using information:
Commercial terms:
Frequency of publication: monthly
Remarks:
Date when the update was done in the inventory database: 03/10/2002

Do you really want to delete this product?

[Back](#)

Screen4 -Registrationform

Please, complete the registration form than press Apply
Fields with (*) are required

Your country *

Your name *

Logname *

Password *

Re-type password *


E-mail address *

Company name

[Back](#)

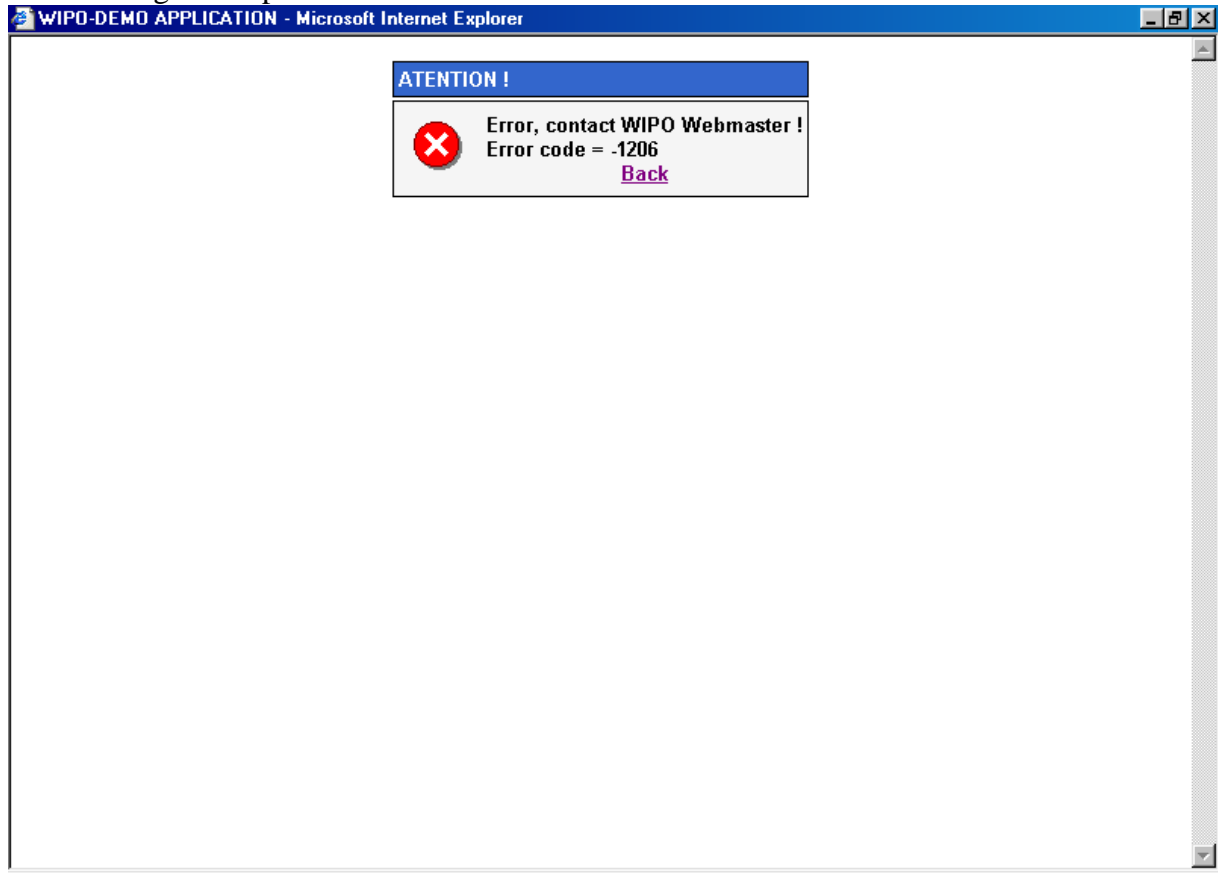
Warningmessage -sample:

MESSAGE !

 **Error, obligatory field (IP field)!**

[Back](#)

Errormessage -sample:



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