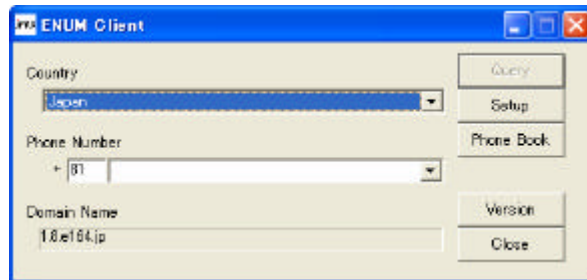


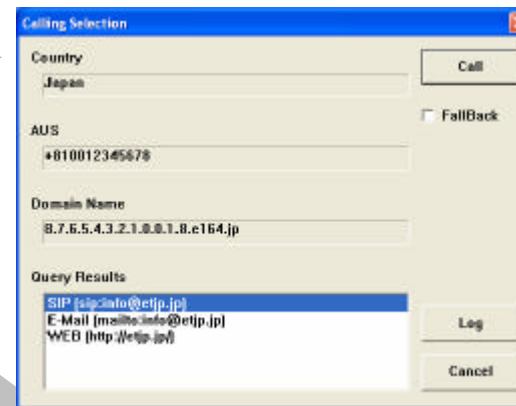
# ENUM Client Operation Guide

Japan Registry Services Co., Ltd.

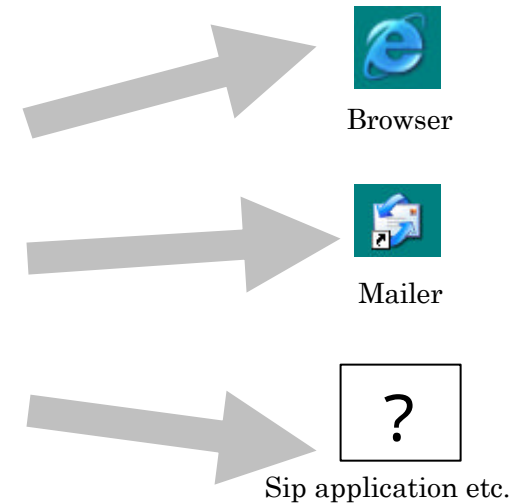
1) Main window is displayed when ENUM Client starts.



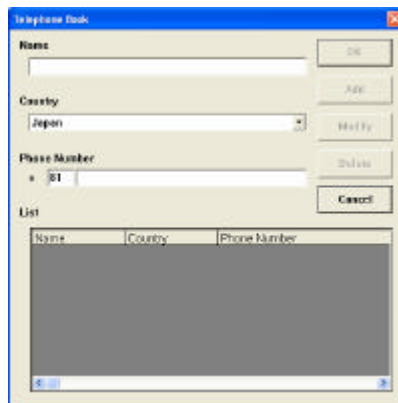
2) Call selection window is opened when Query button is clicked after selecting Country and inputting Phone Number for getting NAPTR records.



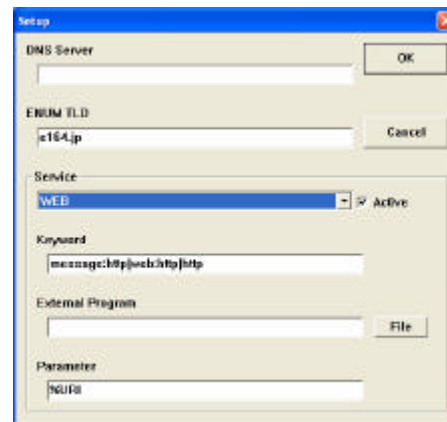
3) An application which is corresponding to each service is invoked with URI as a parameter when Call button is clicked.



4) Phone book setting window is opened when Phone Book button is clicked.



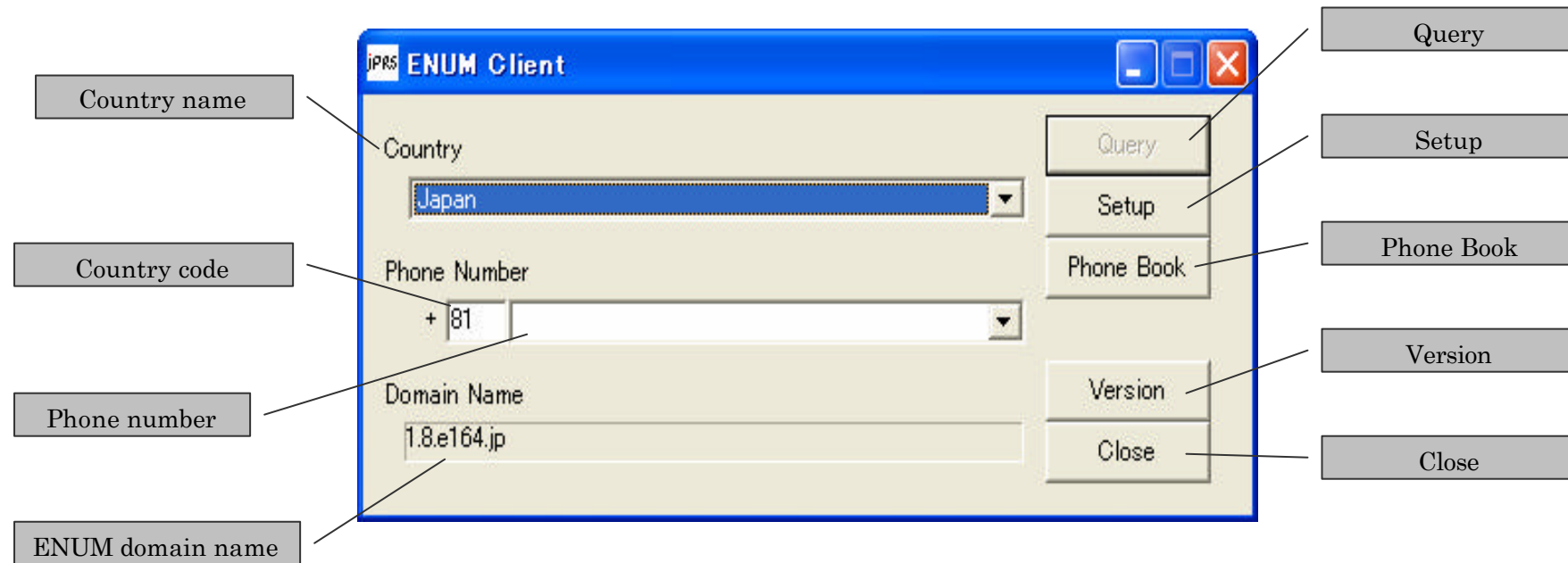
5) Setup window is opened when Setup button is clicked.



6) Version information window is opened when Version button is clicked.



## 1) Main window



No	Name	Control name	The contents of processing
1	Country name	Drop down list box	Select a country name for making a query. When selected, Country Code and ENUM domain name are updated automatically.
2	Country code	Editing box	Input a country code for making a query. When inputted, Country name and ENUM domain name are updated automatically.
3	Phone number	Combo box	Input a phone number for making a query. When inputted, ENUM domain name is updated automatically. When query finished successfully, the phone number is added to the history list.
4	ENUM domain name	Static box	ENUM domain name for making query.
5	Query	Button	Perform a query to DNS server with ENUM domain name. When query finished successfully, call selection window is opened.
6	Setup		Open setup window.
7	Phone book		Open phone book window. Inputted Country name, Country code and Phone number are filled automatically.
8	Version		Open version information window
9	Close		Terminate ENUM Client.

## 2) Call selection window

The screenshot shows a 'Calling Selection' dialog box with the following components and labels:

- Country name**: Points to the 'Country' label.
- AUS**: Points to the 'AUS' label.
- ENUM domain name**: Points to the 'Domain Name' label.
- Query Results**: Points to the 'Query Results' label.
- Call**: Points to the 'Call' button.
- Fall Back**: Points to the 'FallBack' checkbox.
- Log**: Points to the 'Log' button.
- Cancel**: Points to the 'Cancel' button.

The dialog box contains the following text:

**Country**  
Japan

**AUS**  
+810012345678

**Domain Name**  
8.7.6.5.4.3.2.1.0.0.1.8.e164.jp

**Query Results**  
SIP (sip:info@etjp.jp)  
E-Mail (mailto:info@etjp.jp)  
WEB (http://etjp.jp/)

**Call**

☐ **FallBack**

**Log**

**Cancel**

No	Name	Control name	The contents of processing
1	Country name	Static box	Corresponding Country name of the queried ENUM domain name.
2	AUS		Corresponding AUS of the queried ENUM domain name.
3	ENUM Domain name		ENUM domain name used for making query.
4	Query Results	List box	List of NAPTR record query result in ascending order of preference value. Double click on a result has the same effect as the Call button.
5	Call	Button	Invokes a corresponding external program for the selected item on the Query Results. Corresponding of Service and Application can be specified on a setup window. (*)
6	Fall Back	Check box	If this check box is ON, each service is invoked sequentially from the top of the Query Result list when the Call button is clicked. Popup dialog window is displayed at each call to confirm if call was success or not.
7	Log	Button	The NAPTR records acquired from the ENUM DNS servers are displayed.
8	Cancel		Closes Call selection window and returns to the Main window.

(\*)If no external program is specified on the setup window, standard setting of Windows is used as default.

## 3) Setup window

The Setup window is a standard Windows-style dialog box with a blue title bar. It contains the following fields and controls:

- DNS Server:** A text input field at the top.
- ENUM TLD:** A text input field containing "e164.jp".
- Service:** A dropdown menu currently showing "WEB".
- Active:** A checkbox that is checked.
- Keyword:** A text input field containing "message:http|web:http|http".
- External Program:** A text input field.
- Parameter:** A text input field containing "%URI".
- Buttons:** "OK", "Cancel", and "File" (located next to the External Program field).

Labels on the left side of the window point to the following fields:

- DNS server
- ENUM TLD
- Service name
- Keyword
- External program
- Parameter

Labels on the right side of the window point to the following controls:

- OK
- Cancel
- Active
- File

No	Name	Control name	The contents of processing
1	DNS server	Editing box	The name or IP address of ENUM DNS server or DNS cache server. To put multiple servers, insert " " between DNS server names and/or IP addresses. Example: dns1.jpns.co.jp   dns2.jpns.co.jp
2	ENUM TLD		The ENUM TLD string appended to the end of generated ENUM domain name.
3	Service name	Drop down list	The Service name of the External program which is invoked on a Call selection window.
4	Active	Check box	Activate the service selected on the Service name list.
5	Keyword	Editing box	ENUM service or such alike keyword which associates the Service name and the Query Result. Keyword lookup is performed in case-insensitive manner. To put multiple keywords, insert " " between keywords.. Example: sip   voice:sip
6	External program		The full path name of the external program.
7	File	Button	Browses a file dialog to select external program. The selected file is automatically reflected to the External program.
8	Parameter	Editing box	Command line parameter(s) to the External program. The string "%URI" is replaced with obtained URI when an external program is invoked.
9	OK	Button	Accepts all modifications, closes the Setup window and returns to the Main window.
10	Cancel		Discards all modifications, closes the Setup window and returns to the Main window.



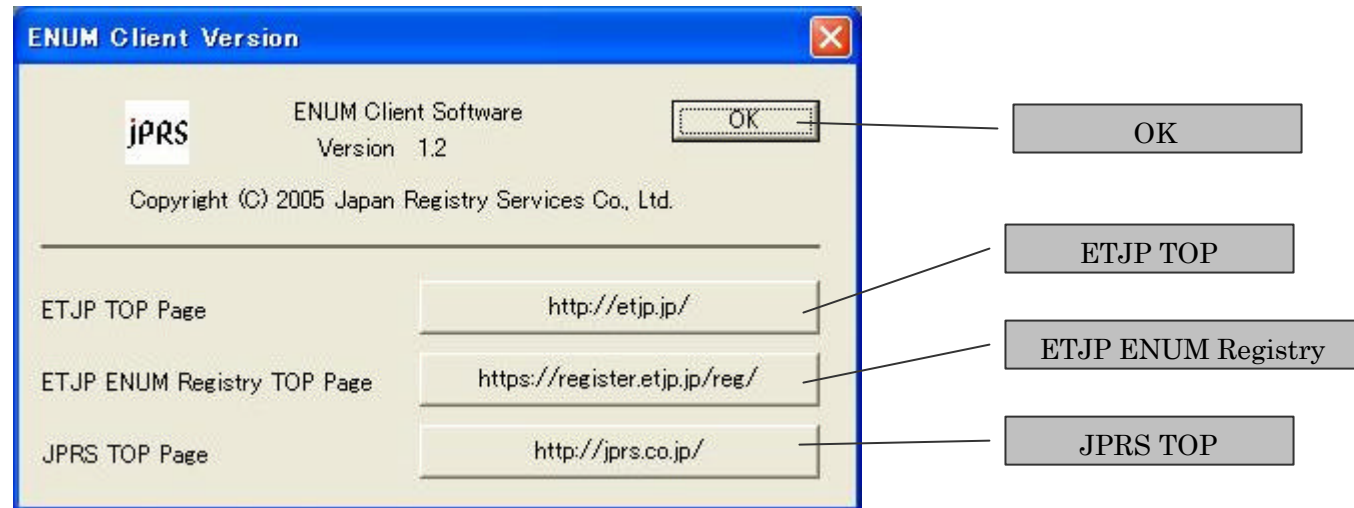
## 4) Phone book setting window

The screenshot shows a 'Telephone Book' window with a blue title bar and a close button. The window contains several input fields and buttons. On the left, labels point to the 'Name' text box, the 'Country' dropdown menu (which is set to 'Japan'), the 'Phone Number' text box (which has a '+' sign and the number '81' entered), and the 'List' table. On the right, labels point to the 'OK', 'Add', 'Modify', 'Delete', and 'Cancel' buttons. The 'List' table has three columns: 'Name', 'Country', and 'Phone Number'. The table is currently empty.

Name	Country	Phone Number
------	---------	--------------

No	Name	Control name	The contents of processing
1	Name	Editing box	Nickname for the phone number.
2	Country name	Drop down list box	The country name where the phone number is belonging. If selected, the Country code is updated automatically.
3	Country code	Editing box	The country code where the phone number is belonging. If updated, the Country name is updated automatically.
4	Phone number		Phone number to register the phone book.
5	List	msFlex 6.0	List of already registered phone data. When selected, all other input area is filled automatically. Double click on a phone number has the same effect as OK button.
6	OK	Button	Accepts the selected entry and reflects corresponding data to the Main window, then closes the window and returns to the Main window.
7	Add		Adds a new entry to the list.
8	Modify		Accepts the modification to the selected entry.
9	Delete		Deletes the selected entry.
10	Cancel		Cancels any modification to the selected entry. Otherwise, closes the window and returns to the Main window.

## 5) Version information window



No	Control name	Name	The contents of processing
1	Button	OK	Closes the window and returns to the Main window.
2		ETJP TOP	Browse ETJP top page by default browser.
3		ETJP ENUM	Browse ETJP ENUM registration system page by default browser.
4		JPRS TOP	Browse JPRS top page by default browser.