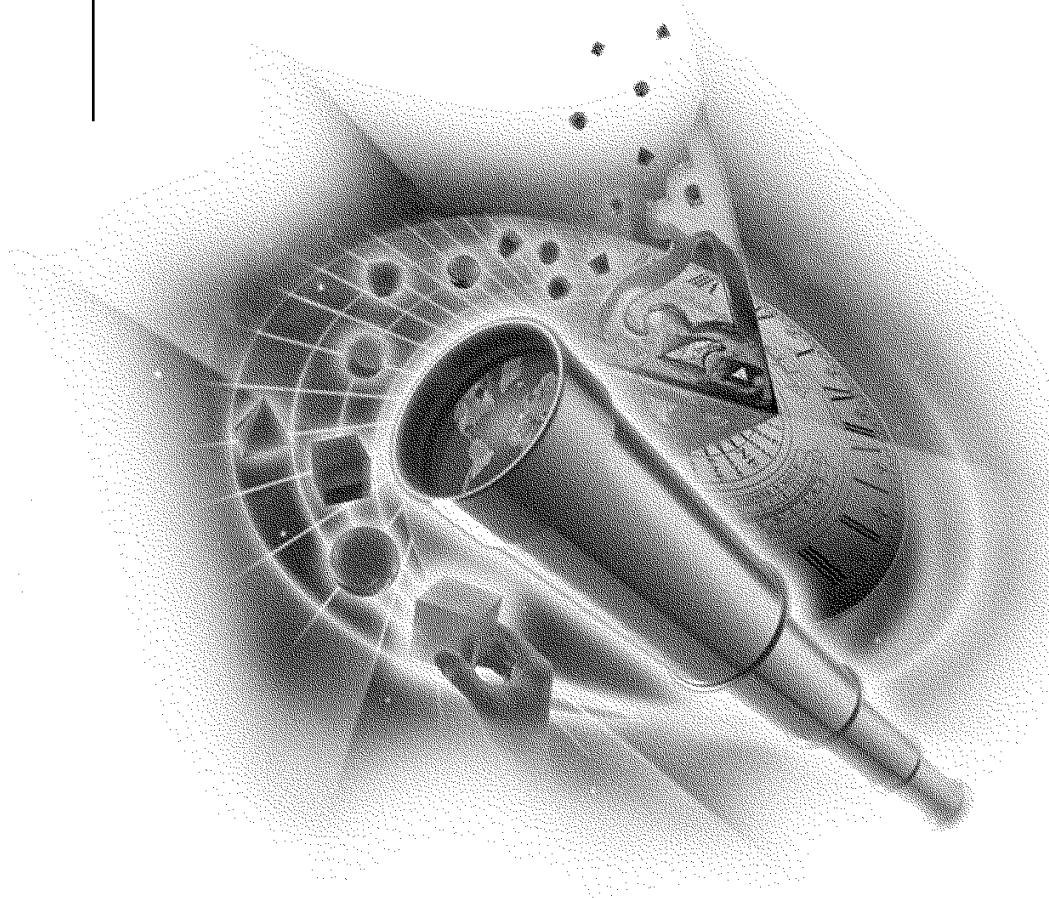


Administrator Guide



eGuide
CONNECTING YOU TO PEOPLE, PLACES, AND THINGS

Novell®

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Novell eGuide Administrator Guide

Novell[®] eGuide is a Web-based application that lets users query a variety of data sources and retrieve information about other users. Novell eGuide can run on any server with Java* 1.1.4 or higher. Novell recommends that you install the latest Java virtual machine available from your browser vendor.

When coupled with NDS[®] 8, your organization can implement a complete out-of-the-box address book solution. By leveraging the user information stored in NDS, there is no need to enter address book information into a separate application or database. With an intuitive and easy-to-use interface, users can create their own eGuide profiles containing their personal preferences.

Based on open standards, the default protocol used to retrieve user information is Lightweight Directory Access Protocol (LDAP), which gives users access to a myriad of public directories that exist on the Internet today.

1

Understanding Novell eGuide

Novell® eGuide is a Web-based application that makes it easy for users to search multiple directories for other users. It is very easy to install, configure, and administer. The following is a list of some of eGuide's attributes:

- ♦ 100% Web-based.
- ♦ Compatible with any Java* 1.1-compliant browser.
- ♦ For basic functionality, does not require users to install anything on the client. Novell eGuide is delivered to users through the browser.
- ♦ Comprised of HTML and Java applets. Both the client and server pieces run on all platforms that have a Java 1.1 virtual machine. Tested platforms include Windows* 95/98, Windows NT*, Linux*, and Solaris*.
- ♦ Installs and configures in minutes.
- ♦ Uses an architecture based on open protocols.
- ♦ Supports the LDAP protocol out of the box.
- ♦ Requires no directory schema modifications.
- ♦ Configurable by both end-users and administrators. Administrators can create default profiles (directories and authentication information) that are available to all users. In addition, users can create their own look by selecting themes and adding their own directories. Organizations can create their own themes, complete with their own logos.
- ♦ Retrieves information from multiple directories and merges the information into a single view. Each entry indicates which directory it came from.

- ◆ Displays query results as soon as they begin to come in. As more results come in, they are added to the view.
- ◆ Integrates with popular messaging platforms. For example, you can send an e-mail message to a user by clicking his or her e-mail address. If an AOL* screen name exists for a Novell eGuide entry, you can send an Instant Message simply by clicking the AOL screen name.

Changes in This Release

The package naming of the Java software (.class) files in this release has changed since eGuide 1.00a. If you are using eGuide 1.00a (see the System Info panel for the version number) to store preferences, photos, etc. in NDS, you will need to recreate this information in NDS after installing this release.

Getting Support

If you need technical support for Novell eGuide, Novell Technical Services is available.

Novell Support Connection

The Novell Support Connection™ provides access to Novell's networking expertise through the Novell Support Connection Web site, the Novell Support Connection CD, and support program for customers and partners.

Visit the Novell Support Connection at:

Americas: (<http://support.novell.com>)

Europe, Middle East, Africa: (<http://support.novell.de>)

Asia Pacific: (<http://support.novell.com.au>)

Or call:

Americas - English: 1-800-858-4000/801-861-4000

Europe, Middle East, Africa:

English: (49) 211 5632 744

French: (49) 211 5632 733

German: (49) 211 5632 777

Asia Pacific - English: (61) 2 9925 3133

See the Novell Support Connection Web site for a complete list of languages and support telephone numbers.

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Setting Up Novell eGuide

Installation of Novell® eGuide is quick and easy. If you have a Web server with a Java* virtual machine, Novell eGuide installs in minutes. Novell eGuide works with any Web server, and servlet support is not required. It also works with the Novell Portal server. See the following sections for more information about setting up eGuide:

- ◆ “Requirements” on page 11
- ◆ “Installing Novell eGuide” on page 12
- ◆ “Starting the eGuide Server, by Platform” on page 13

Requirements

Novell eGuide requires a server (such as NetWare®, Solaris*, Linux, or Windows* NT*) with the following installed:

- Web server
- Java 1.1.4 (or later) virtual machine
- LDAP server

You can download a Java virtual machine from the [Sun Java Technology site \(http://www.javasoft.com\)](http://www.javasoft.com) or from the [Microsoft Web site \(http://www.microsoft.com\)](http://www.microsoft.com).

Installing Novell eGuide

IMPORTANT: If you are upgrading an existing eGuide installation and you have configured that installation using property files as explained in “[Configuring the Novell eGuide Server](#)” on page 15, make sure you back up those property files before completing the installation procedure below. After completing the installation procedure, you can restore the property files to preserve your previous configuration.

- 1** Download eGuide from the [Novell Software Downloads site \(http://www.novell.com/download/\)](http://www.novell.com/download/).
- 2** Make sure the Web server and LDAP server are up and fully functional.

The LDAP server must be accessible to the Web server. Typically, it will be on the same machine as the Web server, but this is not required.
- 3** If you will install the product to a NetWare server, map a drive to the root of the SYS volume.
- 4** Extract the eGuide files that you downloaded and then run the installation executable file.
- 5** Follow the instructions on the screen to complete the installation.

IMPORTANT: You will be prompted for a Primary Installation Directory. This directory is the directory that the HTML documents will be installed to. This directory must be accessible from your Web server. This will become the root of the eGuide Web page. If this directory does not already exist, you will be prompted to create it.

The eGuide server files will be copied to a directory named SERVER off of the primary installation directory (the HTML documents directory).

After the installation is complete, the default LDAP server to be searched will be the server that the eGuide server was installed on. To change this server, edit the ABSERVER.PROP file in the directory where you installed the eGuide server. For detailed information on this and other configuration options, see “[Configuring the Novell eGuide Server](#)” on page 15.

Starting the eGuide Server, by Platform

The following are instructions on how to start the eGuide server once this installation completes. See the appropriate section, depending on which platform you are using.

Netware

- 1 At the server console prompt, type **eguide** > press Enter.

Note that an EGUIDE.NCF file is placed in the SYS:SYSTEM directory on the NetWare server during installation.

UNIX/Linux

- 1 At the console prompt, change to the eGuide server directory (HTMLDOCS/SERVER).
- 2 Type **chmod +x eguide.sh**.
- 3 Type **./eguide.sh** > press Enter.

Windows

- 1 At the DOS prompt, change to the eGuide server directory (HTMLDOCS/SERVER).
- 2 Type **eguide** > press Enter.

3

Configuring the Novell eGuide Server

Novell® eGuide is easy to configure to meet the needs of your organization and to optimize performance. You configure eGuide by editing the following property (.PROP) files in a text editor, such as Notepad. Some of the property files have variables in their names relating to language or IPaddress.

- ♦ “ABFILTER.PROP” on page 15
- ♦ “ABSERVER.PROP” on page 16
- ♦ “ATTRMAP-RESOURCES-language.PROP” on page 23
- ♦ “LDAPSEARCHKEY-language.PROP” on page 26
- ♦ “ATTRMAP.PROP” on page 27

ABFILTER.PROP

You can define which attributes your users will see in the entries they find with an eGuide search. A list of the attributes that will be filtered by Novell eGuide is found in the ABFILTER.PROP file. In other words, an attribute listed in ABFILTER.PROP will *not* be displayed by eGuide.

This file is located where the Novell eGuide server was installed. The contents of the file might look like this:

```
objectClass=true
objectclass=true
networkAddress=true
groupMembership=true
uid=true
privacylevel=true
objectClass=true
```

and so forth.

To modify the ABFILTER.PROP file:

- 1** Open the file in a text editor.
- 2** To filter out an attribute, type the name of the attribute > type **=true**.
- 3** Save the file.

ABSERVER.PROP

You can set up additional LDAP directories that can be accessed by your users through eGuide. This is done with settings defined in the ABSERVER.PROP file.

The ABSERVER.PROP file contains the following settings:

```
MailFromAddress=user@domain.com
MailHost=mail.domain.com
MailUser=anonymous
MailPassword=nothing
ProtocolsKey=LDAP
#DefaultContextKey=
AuthenticationServerKey=localhost
#BlockFunctions=login,settings,mail,instantmessage,netmeeting,export,help
AuthenticationNamingAttribute=cn
searchObjectClass=inetOrgPerson,person
NamesReturnIncrement=50
MaxPhotos=1
MaxPhotoSize=250K
```

Each setting defines a specific operation of eGuide. For example, the ProtocolsKey defines the protocol used (LDAP).

To add a new directory, simply add a new directory section to the file:

- 1** Open ABSERVER.PROP in a text editor.
- 2** Copy the attributes from an existing book.
- 3** Fill in the attributes with values. (See the attribute explanation earlier in this section.)
- 4** Save the file.

Authentication Settings

Three of the keys in the ABSERVER.PROP properties file are used for user authentication. The advantage of authentication is that it allows users' preferences to be stored in the directory so the preferences will be used each time the user logs in.

In order to enable authentication, you must extend the schema in NDS[®] to add the preferences attribute, and then create an LDAP mapping for that attribute. After completing those tasks, you can use the new preferences attribute to define the PrefsAttrKey in the ABSERVER.PROP file.

To extend the schema:

- 1** In ConsoleOne, select the NDS tree whose schema you want to extend > click Tools > Schema Manager.
- 2** Click the Attributes tab > Create > Next.
- 3** Type a name in the Attribute Name field. (You can type any name you like, but remember this name must match the ABPrefs key in the ATTRMAP.PROP file.)
Leave the ASN1 ID field blank.
- 4** Click Next > select Stream for the Attribute Syntax.
- 5** Click Next > Next > Finish.
- 6** Click the Classes tab > select a User object.
- 7** Click Add > select the attribute you just created from the Available Attributes list > click the right-arrow to add the attribute to the User object.
- 8** Click OK > Close.

To create an LDAP mapping for the attribute:

- 1** In ConsoleOne, select the OU object where the LDAP Group object resides > double-click the LDAP Group object.

Verify that Allow Clear Text Passwords is checked. This setting must be turned on if you want to use authentication for any LDAP servers your users will access.

- 2** Click the Attribute Map tab > Add.

The Attribute Mapping dialog box appears.

- 3** Select the preferences attribute you already created from the drop-down list > type a name for the LDAP class.
- 4** Click OK > OK.
- 5** Exit ConsoleOne.

AuthenticationServerKey: Defines the server your users will be able to log in to and have their preferences saved.

DefaultContextKey: Defines the context in which your users reside on the server specified with the AuthenticationServerKey. If this key is blank or commented out, users will be presented with the context browser.

Directory Definition Settings

BookNameKey=eGuide List: The name of the book, as it is displayed in Settings > Data Sources in eGuide.

BookProtocolKey=ldap: The protocol key.

BookServerKey=255.255.255.255: The IP address of the server.

BookSearchBaseKey=o=novell: You can make users log into a data source and provide a password through this key.

BookUserNameKey=: The username used to log in to the data source.

BookPasswordKey=: The password used to log in to the data source.

BookSearchSubsKey=true: Search all subcontainers for the criteria specified.

BookSearchActiveKey=true: Search the key of focus within the book.

BookMaxEntriesKey=1000: Defines the maximum number of hits eGuide will return. This number can also be defined at the LDAP server itself. If the LDAP server is defined to return fewer entries than the eGuide configuration, the LDAP setting will override the eGuide configuration.

searchObjectClass=inetOrgPerson,person: Defines the object class to search on.

Personal Information Layout Settings

System administrators can customize the Edit Personal Information dialog box. They can choose: 1) which attributes get edited, 2) which editors get used, 3) the heights of the fields, 4) the widths of the fields, and 5) the order of fields. This is defined in EDITLAYOUT-EN-US.DEF in the LANGUAGES directory off the root of where the server is installed. This is a language-related file because the field labels need to be localized for each language.

Below is a sample extraction from the default EDITLAYOUT file that is shipped with eGuide:

```
General
Photo: |PHOTO|PhotoEditor|true|500|8|
Given Name: |FIRSTNAME|TextField|true|120|1|
Initials: |INITIALS|TextField|false|30|1|
Description: |DESCRIPTION|TextArea|true|300|3|
Contact
Phone #s: |PHONE|MultiTextField|true|220|1|
```

There are two types of entries: 1) section entries, and 2) field entries.

Section entries are just text (see General and Contact above). In the Personal Information dialog box these appear as section headings with an underline, which sets it apart with the fields below.

Field entries are for editing users' attributes. They have the following format:

1. Label text
2. Attribute mapping name (as defined in ATTRMAP.PROP in the root of the eGuide server directory)
3. Edit control type; the types are: 1) TextField, 2) MultiTextField, 3) TextArea, and 4) PhotoEditor
4. Whether or not this field is to start a new line (true or false)
5. The width of the field in pixels
6. The height of the field in lines (based on the font at runtime)

The size of the dialog box will adjust dynamically to fit the height and width of the layout within certain reasonable limits and bounded by the screen resolution at runtime.

More editors will likely be added in the future.

Function Blocking Settings

The system administrator can block certain functions from being available in eGuide. If these functions are blocked, the corresponding button will not appear on the toolbar; menu items in pop-up menus will not be added; and mouse clicks, highlights, and key combinations that may otherwise expose the functionality will be hidden.

The configuration of this blocking is done in the ABSERVER.PROP file as just another entry in the header. The format of the line is the following:

```
BlockFunctions=login, netmeeting, etc.
```

The seven functions that can be blocked and their exact wording are the following (case doesn't matter):

- ◆ login
- ◆ settings
- ◆ mail
- ◆ instantmessage
- ◆ netmeeting
- ◆ export
- ◆ help

More flexibility will be forthcoming with future releases of eGuide.

Directory Edit Panel Blocking Setting

Some companies may feel that the ability for users to define their own Directory Search Definitions (accessed via the first tab in the Settings dialog box) may be too complex for their users and may just want to allow such configurations to be done by the system administrator. If this is the case, you can prevent that capability from being exposed to users by setting the AllowDirectoryEdit field in ABSERVER.PROP. The default installation sets it to True.

E-mail Information Settings

Novell eGuide has the ability to send system information via e-mail for support purposes. To expose this functionality, the following keys in the ABSERVER.PROP file must be set with valid values. The shipping ABSERVER.PROP file includes placeholder values for these keys. They are as follows:

```
MailFromAddress=user@domain.com
MailHost=mail.domain.com
MailUser=anonymous
MailPassword=nothing
```

MailFromAddress should be set to an e-mail return address.

MailHost should be set to a valid SMTP host.

MailUser should be set to a generic username that has a valid e-mail account for your organization.

MailPassword should be the mail password for the generic e-mail user.

Authentication Server Attribute Mapping

For users' Personal Information editing functions to operate properly, you must make sure that you add an entry in the ATTRMAP.PROP file for authentication server. This entry defines attribute mappings to be used for user attributes such as application state and photos.

Photo Administration Settings

There are two administrator defineable settings for controlling photos that users may add to their personal profiles. These are both defined in the ABSERVER.PROP file in the eGuide server directory. The two entries are MaxPhotos and MaxPhotoSize.

MaxPhotos defines the maximum number of photos that a user may store in his or her profile.

MaxPhotoSize defines the maximum size of stored photos. The value is defined in bytes by default but can contain an appended K or M, which specifies kilobytes and megabytes, respectively.

As an example, if you wanted to allow a maximum of three photos to be stored with a maximum size of 1 megabyte each, you would enter the following values:

```
MaxPhotos=3  
MaxPhotoSize=1M
```

There are two ways that photos may be stored in the Authentication Server's directory. The first way is to map the attribute key PHOTO to an LDAP binary attribute. The second way photos can be stored is to store them in a mapped preferences attribute. The preferences attribute is used as a catch-all for any attribute that eGuide has knowledge of but is not mapped by the administrator. Note that on most LDAP servers, binary attributes are single-valued. Because of this, the eGuide server will not allow more than one photo to be stored in a mapped binary attribute. If, however, a photo attribute is not mapped, multiple photos can be stored in the preferences attribute.

Authentication Server Naming Attribute Setting

Because not all LDAP servers use CN (Common Name) as the naming attribute for user authentication, the eGuide server allows this setting to be overridden. The key that allows for the naming attribute to be overridden is as follows:

```
AuthenticationNamingAttribute=cn
```

For example if your servers naming attribute is uid, you would enter the following key and value:

```
AuthenticationNamingAttribute=uid
```

Thus authentication requests sent to the server are in the form of uid=username,ou=xyz,o=organization.

Search Object Class Settings

Because not all LDAP servers use the same base object for defining user objects, there is a key in ABSERVER.PROP that may be overridden to allow the user to select from. This key is searchObjectClass. There may be multiple values for this key separated by commas. Note that this value, when defined in the main ABSERVER.PROP section, is used only to populate the objectclass menu in the Edit Directory user interface. Administrators can predefine objectClass(s) to search for on a per directory basis by adding this key to a directory definition in the ABSERVER.PROP file. For example, if an administrator wanted to allow users to select from predefined objectClasses of

person and inetOrgPerson and set up a predefined search directory that searches for myCompaniesUser, the administrator could add the following to the ABSERVER.PROP file:

```
AuthenticationServerKey=ip-address
SearchObjectClass=person, inetOrgPerson
...
[myDir]
kNameKey=My Company
...
searchObjectClass=myCompaniesUser
...
ld enter the following value
```

Server Preferences Attribute Setting

For complete eGuide functionality, including the ability for users to change their own personal information, the only attribute that must be mapped is a binary preferences attribute. Some preferences will be stored in the form of cookies on the local workstation in the absence of a preference attribute being mapped. Administrators must make sure that an entry for the Authentication Server is in the ATTRMAP.PROP file in the eGuide server directory. The preferences attribute is defined in the Authentication Server attribute mapping entry with a key named ABPREFS. The value of this key is the name of the binary preferences attribute. For example, if an administrator wanted to set up an Authentication Server with an IP address of 137.65.139.111 with a preferences attribute of abprefs, the following entry would need to be added to the ATTRMAP.PROP file:

```
[137.65.139.111]
USERNAME=userName
DN=dn
EMAIL=mail |
...
ABPREFS=abprefs
...
```

ATTRMAP-RESOURCES-*language*.PROP

The ATTRMAP-RESOURCES-*language*.PROP file lets you assign more user-friendly names to attributes. Many attributes are not easily known or guessed by name (such as DN, CN, or IMID).

In this configuration file, you can assign more user-friendly names to these attributes, so that users can understand them more easily. In the example, DN becomes Distinguished Name, CN becomes Network Name, and IMID becomes Instant Messenger* ID. For example:

```
#Wed Aug 18 15:34:12 MDT 1999
cn=Network Name
alias=Also Known As
businesscategory=Business Category
seealso=See Also
areaofinterest=Interests
experience=Experience
personalstatement=Personal Statement
favoriteforum=Favorite Forum
INITIALS=Initials
USERNAME=User Name
DN=Distinguished Name
EMAIL=E-Mail Address
INITIALS=Initials
FIRSTNAME=First Name
LASTNAME=Last Name
FULLNAME=Full Name
TITLE=Title
FAX=Fax
PHONE=Phone
STREET=Street
STATE=State
POBOX=P.O. Box
ZIPCODE=Zip
POSTALADDRESS=Address
CITY=City
COMPANY=Company
LOCATION=Location
DESCRIPTION=Description
COUNTRY=Country
KEYWORDS=Key Words
ABPREFS=Addressbook Preferences
IMID=Instant Messenger ID
HOMEPAGE=Home Page
PHOTO=Photo
NETMEETING=NetMeeting ID
NICKNAME=Nick Name(s)
```

To modify the ATTRMAP-RESOURCES-*language*.PROP file:

- 1 Open the file in a text editor.

- 2** In the line of the attribute you want to assign an alternative name to, type the alternative name after the equals sign (=).
- 3** Save the file.

The ATTRMAP-RESOURCES-*language*.PROP file also lets you map the definitions of specified attributes to a particular language. The languages are defined in the first lines of the file:

```
es-LanguageKey=Spanish
```

These files are located in the SERVER/LANGUAGES/ATTR-MAP directory. Languages are defined by a two-character code, such as DE for German, JA for Japanese, and so forth. Some languages, such as English, have a sub-definition, such as EN - US for U.S. English.

Below the language definitions are the language equivalents for the attributes, listed in the following syntax:

```
attribute=language equivalent
```

For example, the Spanish equivalents for some selected attributes would be

```
email=email  
city=ciudad  
phone=telefono
```

To modify the ATTRMAP-RESOURCES-*language*.PROP file:

- 1** Open the file in a text editor.
- 2** To add an attribute mapping, type the name of the attribute mapping > type the equivalent of the attribute in the specified language.
- 3** Save the file.

LDAPSEARCHKEY-*language*.PROP

When users submit a query to the server for a search, eGuide must convert this query into search keys the server will understand. These search keys are defined on Novell eGuide in the LDAPSEARCHKEY-*language*.PROP file. For example, in the file example below, the default attribute default(=) represents the attribute that is initially selected for qualified searches. This will initially be set to surName.

```
####  
#  
# The key is the LDAP name and the value is the UI String  
#  
# Every attribute in this list is searchable, to remove  
# or add an entry will remove or add that entry to/from  
# the searchable attributes.  
#  
####  
default=surName  
surName=Last Name  
givenName=First Name  
mail=E-Mail  
description=Description  
title=Title  
cn=Common Name  
keywords=Keyword
```

For example, when a user starts a search by Last Name, eGuide reads the LDAPSEARCHKEY-EN-US.PROP file for a server equivalent to Last Name, and finds the line

```
surName=Last Name
```

in the file. It converts the Last Name part of the query into *surName=query value* and sends it to the LDAP server, which interprets it, searches for it, and returns it to eGuide, which in turn reconverts the attribute into Last Name.

To modify the LDAPSEARCHKEY-*language*.PROP file:

- 1** Open the file in a text editor.
- 2** In the line of the attribute you want to assign a search key to the server equivalent, type the new search key after the equals sign (=).
- 3** Save the file.

ATTRMAP.PROP

You can modify the ATTRMAP.PROP file to map attributes by the IP Address of a directory. This file contains the mappings for all IP addresses in it. These IP address mappings are separated by .INI style headers.

Often, attribute names are not consistent across LDAP servers. Novell eGuide uses standard attribute keys that provide consistency across directories. These keys cannot be changed. The value (to the right side of the equals sign) should be replaced with the actual attribute name for the specified directory. If one server calls one's last name surName, another calls it Name, and a third calls it LASTNAME, you can set up a ATTRMAP.PROP file for each LDAP server and modify a line to state that for entries coming from each server

```
surName=Last Name
Name=Last Name
LASTNAME=Last Name
```

where Last Name is the eGuide attribute for Last Name. This way, the last name of each entry will be displayed with the Last Name attribute, regardless of what it is called in the originating LDAP server.

For example,

```
[127.0.0.1]
PHOTO=photo
USERNAME=userName
DN=dn
EMAIL=mail
INITIALS=initials
FIRSTNAME=givenName
LASTNAME=sn
FULLNAME=fullNam
TITLE=title
FAX=facsimileTelephoneNumber
PHONE=telephoneNumber
STREET=street
STATE=st
POBOX=postOfficeBox
ZIPCODE=postalCode
POSTALADDRESS=postalAddress
CITY=physicalDeliveryOfficeName
COMPANY=ou
LOCATION=l
DESCRIPTION=description
KEYWORDS=keywords
ABPREFS=abprefs
```

```
#COUNTRY=c
#IMID=
#HOMEPAGE=
#NETMEETING=
#NICKNAME=
[Next IP ADDRESS]
PHOTO=picture
USERNAME=uid
DN=dn
EMAIL=electronicmailaddress
INITIALS=in
FIRSTNAME=firstName
LASTNAME=lastName
FULLNAME=myname
TITLE=title
FAX=faxnumber
PHONE=telNumber
STREET=street
STATE=st
POBOX=box
ZIPCODE=zip
POSTALADDRESS=address
CITY=city
COMPANY=company
LOCATION=site
DESCRIPTION=description
KEYWORDS=keywords
ABPREFS=userpreferences
COUNTRY=country
IMID=aolscreenname
HOMEPAGE=homepage
NETMEETING=netmeetingid
NICKNAME=alias
```

To modify the ATTRMAP.PROP file:

- 1** Open the file in a text editor.
- 2** To enter an attribute of the server, type the attribute name > type = > type the attribute name you want to map the other server's attribute to.
- 3** Save the file.

4

Automating Novell eGuide with JavaScript

You can automate, or script, some behavior of eGuide within your HTML document using the JavaScript APIs that ship with eGuide. To include the APIs and make them accessible, you need to add the following statement to your HTML:

```
<SCRIPT SRC="eGuide.js"></SCRIPT>
```

This is about a 2 KB file. If you want only a subset of the APIs, you are free to edit that file and remove the APIs that you don't need. If you do so, and you are using APIs that return a result, you should not remove the following two first lines (which allow results to get easily passed back):

```
var egRetVal = "";  
function egResult(retValue) {egRetVal = retValue;}
```

The APIs are the following:

- ◆ enableDirectory(dirName)
- ◆ disableDirectory(dirName)
- ◆ disableAllDirectories()
- ◆ enableAllDirectories()
- ◆ setDirectoryName(dirName, name)
Example: "Netscape Member Directory", "Netscape"
- ◆ setDirectoryHostName(dirName, hostName)
Example: "Netscape", "memberdir.netscape.com"

- ◆ `setDirectoryMaxEntries(dirName, maxEntries)`
Example: "Netscape", "1000"
- ◆ `setDirectorySearchBase(dirName, searchBase)`
Example: "Novell", "ou=people,o=novell"
- ◆ `setDirectoryUserName(dirName, userName)`
- ◆ `setDirectoryUserPassword(dirName, password)`
- ◆ `setDirectorySearchSubContainers(dirName, searchSubContainers)`
Example: "Novell", "true"
- ◆ `startSearch(filter)`
Example: "(surname=jack*)"
- ◆ `isDirectoryEnabled(dirName)`
- ◆ `isSubContainerSearchOn(dirName)`
- ◆ `getDirectoryMaxEntries(dirName)`
- ◆ `getDirectoryHostName(dirName)`
- ◆ `getDirectorySearchBase(dirName)`
- ◆ `getDirectoryUserName(dirName)`
- ◆ `getDirectoryPassword(dirName)`

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Client Configuration Options

The following are client configuration options. For additional client configuration and usage information, see the online help.

Cookies

The following Novell eGuide settings will be saved as a cookie:

- ♦ Theme selection: If the user changes a theme, the next time he or she runs eGuide, that theme will be the default theme.
- ♦ Directory State: If the user adds his or her own directory entries via the Settings dialog box, all of that information will be saved in a cookie and the next time eGuide is run, all of that information will be restored, except for the password—the user will need to retype the password every time he or she reloads eGuide. However, if the user logs in to eGuide, all of this information will be stored in the directory, including the password and that user will never need to type it in again.

Any pre-defined directory that comes from the network will always take precedence over information a user may have in the cookie. For example, if an administrator defined a Directory in ABSERVER.PROP that has a Maximum Search Entries of 1000, but the user changes it to 500, the next time the user runs eGuide, that value will come from the network and be restored to 1000. However, the one exception is the active state of the directory. If a user toggles a directory active state as On or Off, the next time he or she runs eGuide, it will default to what the user last chose, even if the definition in the network has a different default.

Photos

Users can upload their photos into the directory by logging in and clicking the Edit Personal Information button in the Details View. There is a photo editor that allows users to add, edit, remove, and swap photos. The supported image formats are GIF, JPEG, and Windows Bitmap (noncompressed, using the RGB color model). The system administrator can configure the size limit and number of photos limit that users are allowed to upload to the directory.

The Add button lets users browse to an image file either on the local hard drive or on a mapped network drive. eGuide will copy the selected file into the directory, at which point it becomes visible in the Details View to anyone who looks that user up.

The Remove button will remove the photo from the directory.

The Edit button will allow users to change the selected photo.

The Swap button lets users change the order of photos.

Name Display Order

For the Name List, you can choose whether or not you want last or first names to appear first. You can do this by right-clicking the Name header bar of the Name List and selecting from the two-item pop-up menu. If you select to view by first names first, the list will still sort by last names.

Object Class Selector

In editing the definition of Directories, you can specify which object classes are to be searched. This allows three capabilities: 1) the ability to make accurate name mappings tailored to your installation and configuration of LDAP (ie. for some companies, InetOrgPerson may be mapped to people, others may have different mappings), 2) the ability to look for any object; you are not just limited to people, you can look up virtually any type of conceivable object in your directory such as printers, volumes, etc., and 3) the ability to look up multiple object types simultaneously.

Most of the user interface to eGuide is focused around presenting and editing users and user information. So, if you look up a printer, you will not currently be able to edit the printer's properties and many of the values in the second column of the name list will not have values.

If you don't specify an object class, it will default to looking up all objects of every class in the given directory as the specified searchbase.