

Registration script

- The registration script enables users to purchase Eudora online
- When the user buys Eudora, the script contacts Cybersource to charge the user's credit card, generates a registration code, enter the user's info into a registration database and sends user's code via email to client.
- We have 2 registration scripts. Users can either buy Eudora online via the homepage <http://www.eudora.com/> -> Buy Now (or) through the client from Help -> Payment & Registration -> Update your registration
- When user buys Eudora via the client, we are able to calculate if they are eligible for a discount since the client sends the regcode as a parameter to the server. The server can use this regcode to calculate the month code and in turn check if the client is eligible for a discount
- However when users buy Eudora from the webpage, we always charge full price. We have no way of knowing if the user is eligible for a free upgrade or a discount.
- The scripts for buying through the client is in register.cgi and the code for buying through the website is in register-buy.cgi.
- The common global variables and logging parameters are in register.cfg
- In addition, we have StringTables_en.pl that has all the English language strings for filling in plain text (labels and such) on the webpage.
- TextIncludes_en.pl had all the English language blocks of text that are used on web pages, in emails, etc.
- The script requires the DBI, MySQL, Date::Calc and CGI::Carp modules.

Usage:

The registration scripts are called from the client through jump.cgi or directly via the web through a secure (SSL) connection.

The script accepts the following parameters as input and uses it to pre-fill the registration form.

If the parameters are not passed through the URL, the client has to fill in the parameters manually.

- | | |
|-----------------|--|
| - action: | |
| - pay | - Payment |
| - register-free | - Freeware registration |
| - register-ad | - Adware registration |
| - platform | - OS of system |
| - product | - Eudora |
| - version | - Eudora version |
| - distributorID | - ID number of distributor |
| - realname | - Full name of user |
| - email | - Email address |
| - regfirst | - First name, used for reg code generation |

- reglast - Last name, used for reg code generation
- regcode - User's registration code, to calculate discount if eligible

These arguments must be supplied to script in the form:

<https://eudora-secure4.qualcomm.com/register/register.cgi?<params>>

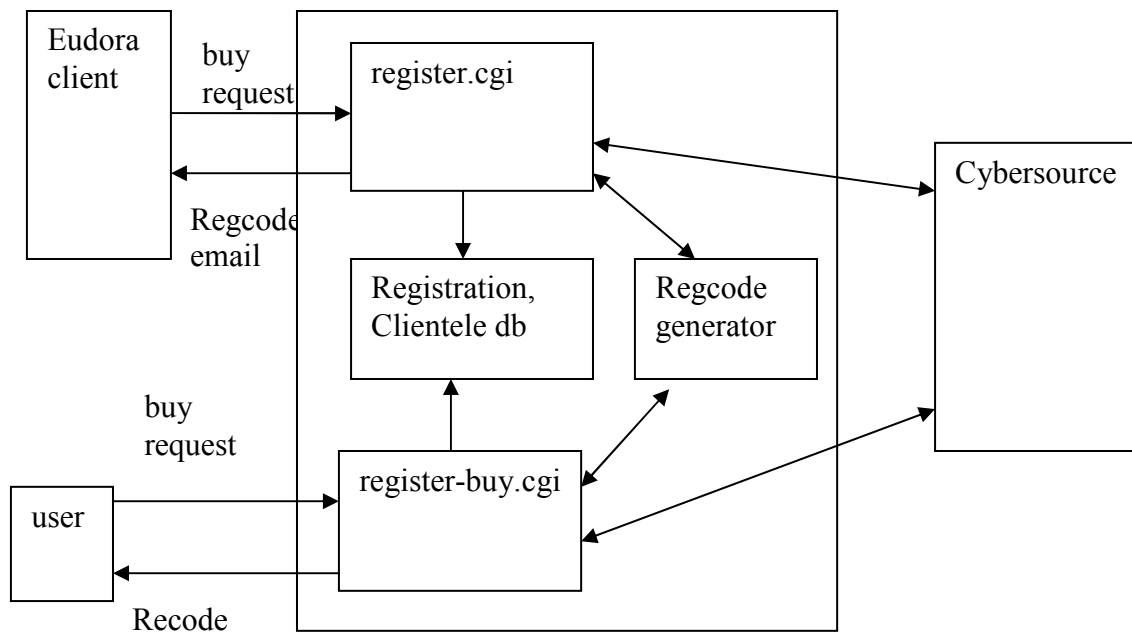
Testing:

From client:

<https://eudora-secure4.qualcomm.com/register/register.cgi?action=pay&product=Eudora&platform=Windows&version=6.2&realname=Sangita%20M®first=Sangita%20M®last=Mohan®code=7720-1697-5025-4976&email=sangitam@qualcomm.com>

From homepage:

<https://eudora-secure4.qualcomm.com/register/register-buy.cgi?action=pay>



CyberSource Notes:

The appropriate ICS (CyberSource) libraries must be installed on the machine the script will run on.

The script uses the CyberSource (CS) API to perform tax calculations, and credit card authorization and billing.

The CS API is a perl library and module which live in the perl library directory (on adserver, this is /usr/local/lib/perl5/site_perl).

The library is ics2-lib.pl and the module is ICS.pm.

The CS API requires a merchant identification for transactions. Our merchant ID is 'qualcomm2'.

For testing, use '\$ics_req{merchant_id} = "ICS2Test";' as the merchant ID and 'ics2test.ic3.com' as the server.

For production, use '\$ics_req{merchant_id} = "qualcomm2";' as the merchant ID and 'ics2.ic3.com' as the server.

CS transactions use a public and private key pair to communicate. These keys are located at /opt/ics/keys and /opt/ics/bin/ecert is used to generate them.

Here is the output from ecert:

```
# /opt/ics/bin/ecert qualcomm2
```

The application will now send the newly created key pair and certificate request to the server.

Merchant id, qualcomm2
Server host name, setup.ic3.com
Server port number, 80

This process will create new keys for you in the test and production databases.

Are you absolutely sure that wish to continue this process? [y/n]y

Certificate generation completed sucessfully
Certificate data written to, qualcomm2.crt
Private key data written to, qualcomm2.pvt

Password data written to, qualcomm2.pwd

You are now ready to access the CyberSource test server.
Upon request CyberSource will activate your newly generated keys in the production environment. At that time a CyberSource employee will verbally confirm your password as given below, please make a note of it.

Certificate generation verification password, 9499-5813-3582-34928-25494

CS has various web sites that one can use to check transaction, get support, new binaries, etc. Those sites are listed below.

CyberSource Merchant Support Center:

url: <http://www.cybersource.com/support>

username: qualcomm2

password: btamxe2p36

The CyberSource Registration Dashboard is your guide to completing your registration with CyberSource. It details all the steps required to take your account live.

url: <http://www.cybersource.com/login/dashboard/dashboard.shtml>

username: qualcomm2

password: pdtan8g6ne

The CyberSource Transaction screens are where you can view lists and status of all TEST transactions you send to CyberSource.

url: http://icstest.ic3.com/cs/search_request.pl

username: qualcomm2

password: pdtan8g6ne

The Support Center allows one to review purchase based on certain search criteria. From this page, one can also issue a credit for a particular charge.

Note that there is a one day lag time for some services (such as credits). This is due to the fact that the system updates at midnight every night.

url: <https://support.ic3.com/cs/search.pl>

username: qualcomm2

password: btamxe2p36

One can retrieve reports (and perform other administrative account functions) that have previously been sent via the web at:

url: <http://reports.ic3.com/index.cgi>

username: qualcomm2

password: btamxe2p36

CS sends daily and weekly reports about account activity, transactions, etc. That information is mailed to eudora-cybersource-reports@qualcomm.com.