cWhois Domain Cart™

V4.4

cWhois Domain Cart Manual

Copyright 2003 to 2018 Vibralogix. All rights reserved.

This document is provided by Vibralogix for informational purposes only to licensed users of the cWhois Domain Cart product and is provided on an ‘as is’ basis without any warranties expressed or implied.

Information in this document is subject to change without notice and does not represent a commitment on the part of Vibralogix. The software described in this document is provided under a license agreement. The software may be used only in accordance with the terms of that license agreement. It is against the law to copy or use the software except as specifically allowed in the license.

It is the users responsibility to ensure the suitability of cWhois Domain Cart before using it. In no circumstances will Vibralogix be responsible for any loss or damage of data or programs as a result of using cWhois Domain Cart. Your use of cWhois Domain Cart implies acceptance of these terms.

Contents

Chapter 1 Introduction **5**
What is cWhois Domain Cart? 5
How does it work? 6
Simple hosting mode 8
Domain name suggestion system 10
Chapter 2 Installing cWhois Cart **11**
Quick start 11
Installing cWhois Domain Cart 12
Domain Registration 12
Domain Transfers 13
Domain Renewals 13
Hosting plans 13
Agreements 14
Other settings 15
Payment process settings 18
Paypal 19
2checkout 19
paysystems / revecom 21
Stormpay 22
Nochex 23
authorize.net 23
Worldpay 24
Worldpay Futurepay 24
Network1 25
Centipaid 26
Moneybookers 26
Caixagalicia 27
CDG Commerce 27
iKobo 28
Internet Secure 28
ePN 28
MetaCharge 29
Setcom 29
eGold 30
Payson 30
Picpay 31
Secpay 31

Mals eCommerce 31
Linkpoint 32
Paymate 32
Google Checkout 32
Pagseguro 33
Ideal 33
AlertPay 34
Swreg 34
VirtualPayCash.com 35
Global Digital Pay 35
Amazon 36
MoIP 36
MollieIdeal 37
Payu Latam 37
Access Pay 38
Manual payment processing 38
Using multiple payment processors 38
Domain suggestion system 39
Tax and VAT 41
Adding cWhois Domain Cart to your page 42
Using Turing (CAPTCHA) codes 44
Coupon Codes 45
Adding a simple domain search to your site 47
Free domain names with hosting and discounts 49
Separate pricing for short domain names 49
'Please wait while' checking availability 50
SMS text alert on order received 51
Chapter 3 Customising cWhois Cart 52
Translating into other languages 52
Modifying the order form fields 52
Modifying the email messages 54
CSS Stylesheet 55
Chapter 4 Support 57

Chapter 1 Introduction

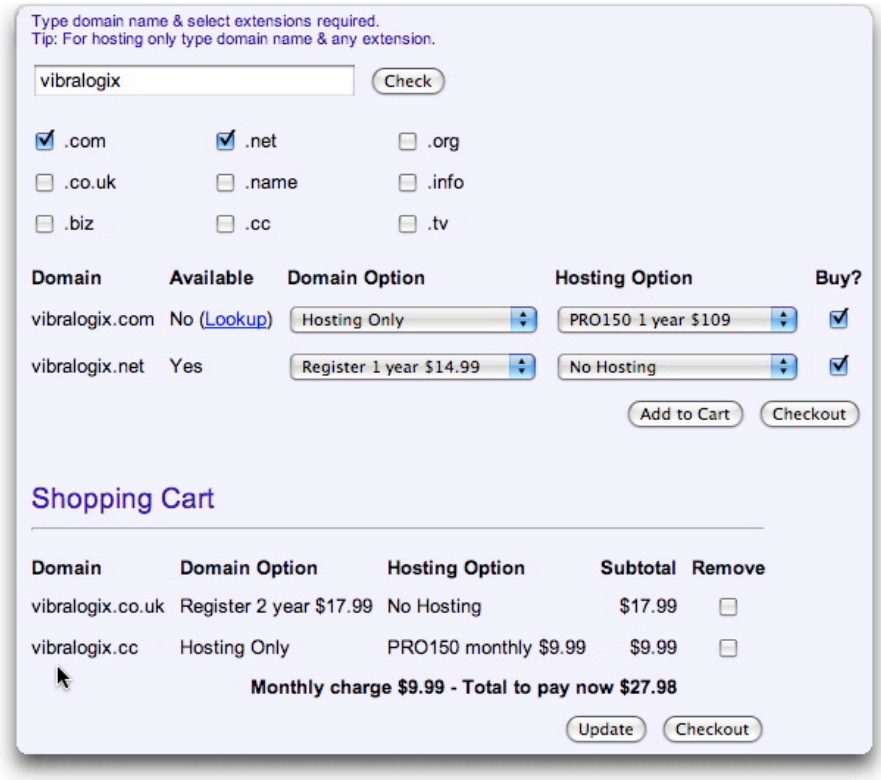
What is cWhois Domain Cart?

cWhois Domain Cart is a PHP based application that provides a simple to use shopping cart for users purchasing domain names and hosting services. After selecting the required domains and clicking checkout the user is taken to the vendors payment processor.

- Uses PHP available on most servers
- Works with over 800 domain extensions
- Determines domain availability
- Lookup feature for domains already registered
- Any registration periods and prices allowed for each domain extension
- Option to select hosting package for each domain name.
- Allows hosting only (with any domain extension)
- Supports domain transfers and renewals
- Easy to add to your own page layout
- Easy to include only the domain extensions you wish to sell and support
- Built in support for 2checkout, Paypal, Worldpay Futurepay, Paysystems, Stormpay, Nochex, authorize.net, Network1, Centipaid, Moneybookers, Bluepaid, Caixagalicia,CDG Commerce, iKobo, Internet Secure, ePN, Metacharge, eGold, Payson, Picpay, Secpay, Mals-e, Linkpoint, Paymate, Google Checkout, Pagseguro, Ideal, AlertPay, swreg, vpcash, Global Digital Pay, Amazon, MoIP, Mollie Ideal, Payu Latam and manual processing
- Sends email to customer and vendor with order details at checkout. Optional SMS order alert.
- Supports recurring billing with payment processor that support this.
- Two modes of operation.
- Handles separate pricing for short domain names (e.g. .fm & .cd)
- IDN (accent) support for some TLD's
- Keyword and category based domain name suggestion system
- Two level tax system
- Easily change fonts, colours etc using CSS style sheet
- Turing (CAPTCHA) code option on checkout page and for full whois lookups
- Coupon codes can be set for discounts
- Optional special domain pricing for certain hosting plans. Great if you want to provide free domain registration with certain hosting plans.

How does it work?

cWhois Domain Cart has been designed to be easy for your clients to use. Selecting domains, verifying availability, lookup of existing domains, adding hosting and the shopping cart are all controlled from one page. This saves cumbersome navigation. Here is a sample with hosting plans enabled.



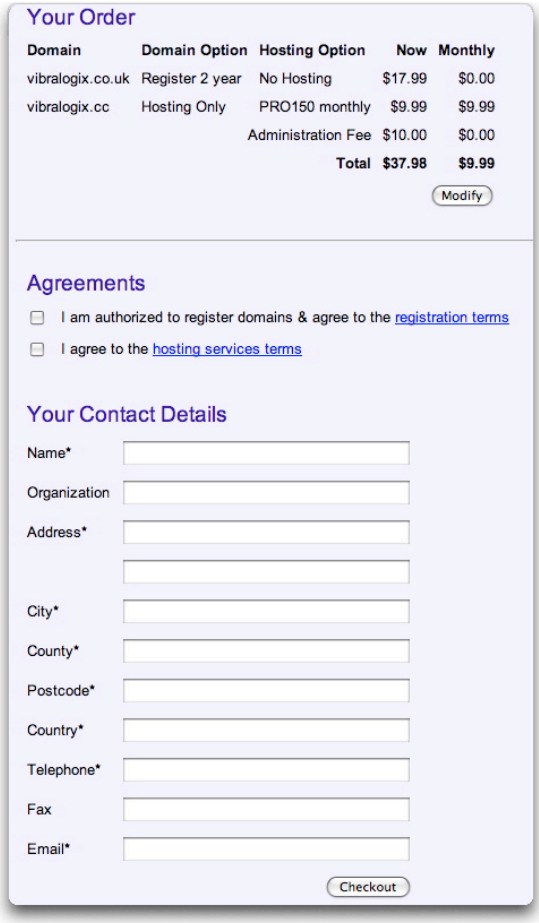
cWhois Domain Cart can be used simply to sell domain names or can be enabled to offer hosting packages and domain transfers as well.

First of all the user enters a domain name. He has the choice to either enter the full domain name including the domain extension or to enter just the domain name and select the required checkboxes. If the domain is available the user will have the choice to register it or to simply have it hosted. If the domain is taken already then the user will be given the choice

of transferring the domain name or just hosting it. Also a domain lookup feature allows the full whois information to be viewed. Even for domain extensions that you do not support cWhois will where possible still try to determine whether the domain name is available and allow the user to select a hosting package.

*** Domain transfer and/or hosting options will only be displayed if you enable them ***

When the user is happy with the domains and hosting packages added to the shopping cart he will then click the checkout button to display the following contact form.



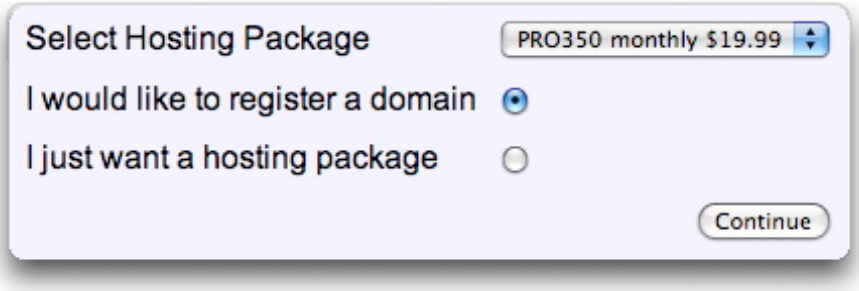
The contact form displays the contents of the shopping cart once again for verification and asks for the usual contact details. Optionally it will also display checkboxes that must be ticked to show that the user agrees to various agreements for domain registration, domain transfers and hosting. After the user has completed the contact details form he is linked to the payment processor and is sent a confirmation email. The above form will also email you, the vendor, a copy of the contact details along with the domain names and options from the shopping cart. A unique order number is also created (separate to the payment processors order number) enabling you to match up the sales receipt from your payment processor.

You should note that this email is sent before the credit card has been approved so you must verify the transaction has been completed before registering any domain names.

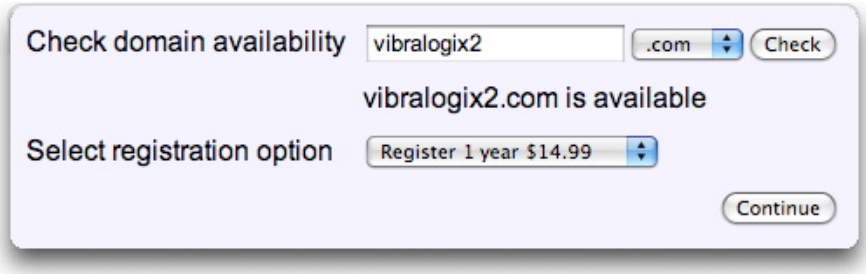
Simple hosting mode

cWhois Domain Cart contains all of the shopping cart features your users are likely to need. However there are some cases where you may prefer to have a simpler way to sell a hosting package with an optional domain name. This is where the simple hosting mode can be used. The main difference is that this mode only allows one domain name and/or hosting package to be purchased at a time. It works in a three step process.

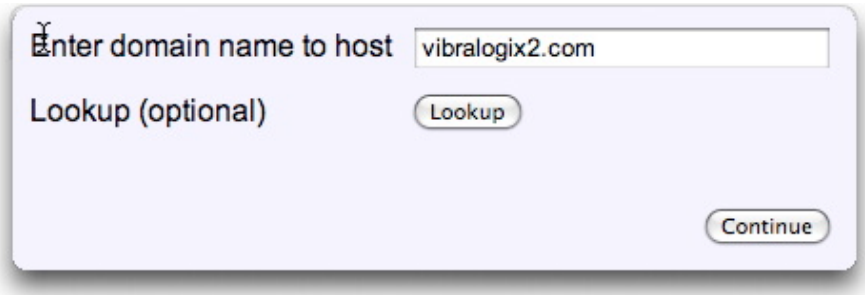
Step 1 asks the user to select a hosting package and decide whether they want a domain name to be registered as well.



Step 2 differs depending on whether the user requires a new domain name. If he does then step 2 looks like this.



If user didn't request a domain name to be registered step 2 will look like this.

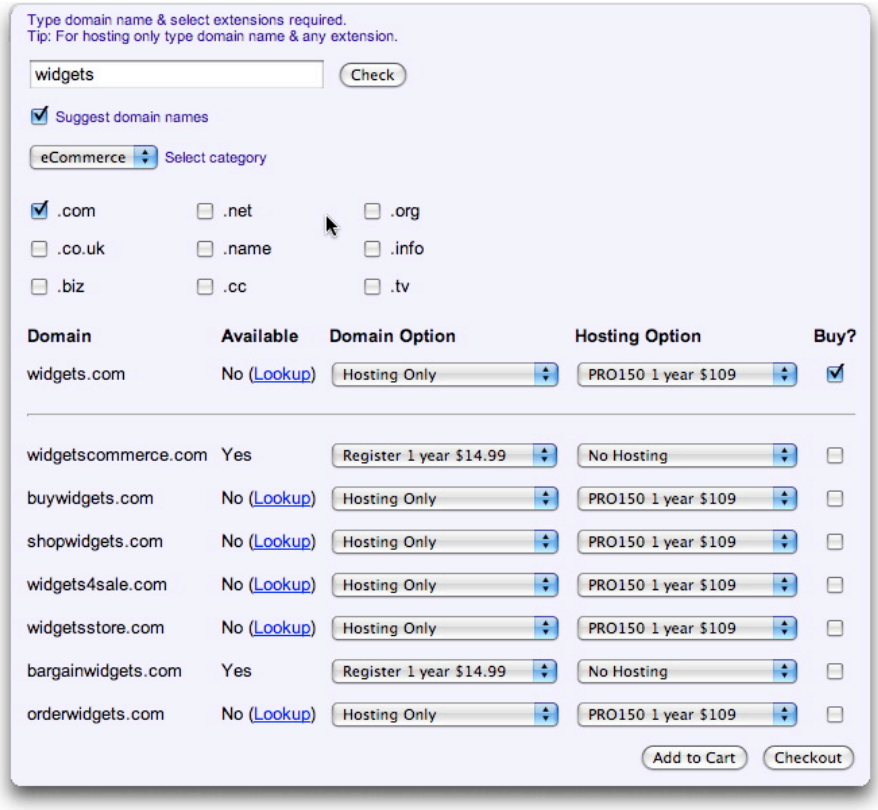


Step 3 is the checkout contact form as described for the normal shopping cart mode.

The license for cWhois Domain Cart allows you to include it in as many pages as required on one domain so you can have both the full shopping cart and the simple hosting mode on your site.

Domain name suggestion system

cWhois Domain Cart has a domain name suggestion feature based on customisable categories and keywords. This provides the user with alternative suggestions for domain names based on the keyword they entered. This system can be enabled only in the full shopping cart mode and does not work in simple hosting mode. Below is an example domain name check with the suggestion system enabled.



Chapter 2 Installing cWhois Cart

Quick start

Most people like to see something working as quickly as possible so here is a quick start. This will install the cart in a sample page with default settings. After this you will no doubt wish to set your own domain extensions, hosting plans and pricing etc but at least this lets you easily see any changes that you make.

step 1
First of all if you don't know anything about PHP then don't get scared! We will walk you though this and support is just an email away if required.

Open up cwcconf.php in a plain text editor (such as notepad) and find the setting $vendoremail. Change the email address to the email address you wish to receive orders. The setting should look something like this.

$vendoremail="sales@vibralogix.com";

step 2
Upload the following files to your site. Make sure you use the ascii (or text) method for FTP upload.

demo.php
cwhois.php
cwhoiscart.php
cwcconf.php
english.php
cwhoisstyles.css
turingimagecw.php
turingbg1.jpg
turingbg2.jpg
turingbg3.jpg
turingbg4.jpg

step 3
Open your browser and view demo.php on your site

http://www.yoursite.com/demo.php

This should display the cart. The next sections will explain the settings in cwcconf.php that adjust the cart to work for your pricing and plans etc.

Installing cWhois Domain Cart

Before continuing make sure you have already followed the steps in the 'quick start' which will ensure all of the files required are on your server and that the cart works.

Domain Registration

Near the top of cwcconf.php you will see a list of domain extensions each one looking something like this.

```
$register[]=".com,1:2:5:10,14.99:28.99:64.99:119.99";
```

This list of domain extensions is a subset of the over 400 domain extensions supported by cWhois that you wish to sell. Each domain extension is on a separate line. You can add or delete to this list as described later.

You will notice that each line is separated into three sections by commas as the example above and we will now describe each section.

.com	This is the domain extension
1:2:5:10	These are the periods in years that you wish to register this domain extension for. In this case 1, 2, 5 & 10 years. You can have as many registration periods as you wish (at least 1 though). Notice that each registration period is separated by a colon (:).
14.99:28.99:64.99:119.99	These are the prices for each registration period listed in the previous section again separated by colons. i.e. one year is charged at 14.99 and ten years at 119.99. You can have any number of prices but it must match with the number of registration periods as above.

You can add and remove domain extensions as required. See our website for the latest list of supported domains at http://www.vibralogix.com/cwhois.

Domain Transfers

As well as registering domain names you can optionally also transfer existing domains to your registrar. You can set the transfer periods and prices as you wish separately to the registration values. This is done exactly as described above for registration except each entry looks like this:-

```
$transfer[]=".com,1:2:5:10,14.99:28.99:64.99:119.99";
```

If you do not wish to support domain transfers simply comment out or delete each entry. To comment out a line just add // to the start of the line.

Domain Renewals

As well as registering domain names you can optionally also allow the user to renew a domain already registered with you. You can set the renewal periods and prices as you wish separately to the registration values. This is done exactly as described above for registration except each entry looks like this:-

```
$renew[]=".com,1:2:5:10,14.99:28.99:64.99:119.99";
```

If you do not wish to support domain renewals simply comment out or delete each entry. To comment out a line just add // to the start of the line.

Hosting plans

Optionally you can allow a user to select a hosting plan for each domain that they choose. You can have as many different plans as you wish either as single payment or monthly recurring if your payment processor supports it.

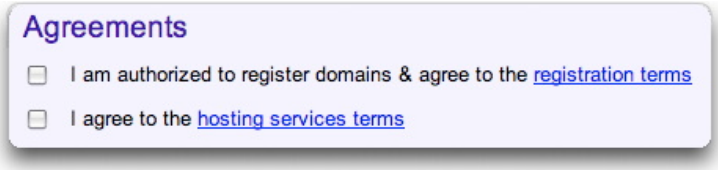
To setup hosting plans find the following lines

```
$host[]="PRO150 1 year,0,109,S";
$host[]="PRO150 monthly,0,9.99,R";
$host[]="PRO350 1 year,0,219,S";
$host[]="PRO350 monthly,0,19.99,R";
$host[]="PRO700 1 year,0,329,S";
$host[]="PRO700 monthly,0,29.99,R";
```

Here we have setup 6 hosting plans. Each plan is setup in sections separated by commas. The first section is the plan description which you should keep as short as possible. The second section is the setup cost. The third section is the price (single charge or monthly). The fourth and final section determines whether the plan is single charge or monthly recurring (S or R). Leave out any currency symbols etc.If you do not wish to support hosting plans then simply comment out or delete each entry. To comment out a line just add // to the start of the line.

Agreements

You can optionally have cWhois Domain Cart display a link to your agreements or contracts on the checkout page. The user will be forced to tick a checkbox for each agreement. You can define a page to be linked to for agreements for domain registration, domain transfers, domain renewals and/or hosting. The link and checkbox will only be displayed if you have defined a link and the user has purchased that particular service. There is also a setting for an overall agreement that need to be agreed to no matter what services are order.




```
$registeragree="registeragree.htm";
$transferagree="transferagree.htm";
$renewagree="transferagree.htm";
$hostagree="hostagree.htm";
$overallagree="agreement.htm";
```

Set to "" any agreement you do not require.

Other settings

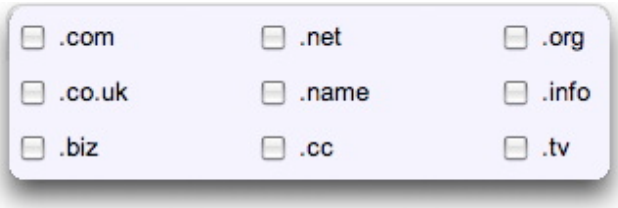
There are a number of settings that we still need to set which will be found below the hosting packages variables as follows. In most cases the default value will be fine.

$vendoremail — This is the email address where you would like the order details to be sent.

$vendoremail2 — This is an optional second email address.

$vendorcompany — This is your company name.

$columns — This is the number of columns of domain extension checkboxes to display underneath the domain entry field. For example below there are 3 columns.



$csymbol — Examples for dollar set to "$". For Euro set to "€" Pound set to "£" and Yen set to "¥"

$csymbol2 — Can be used to display a symbol after the amount if required.

$decimalplaces — Normally 2 but some currencies use 0.

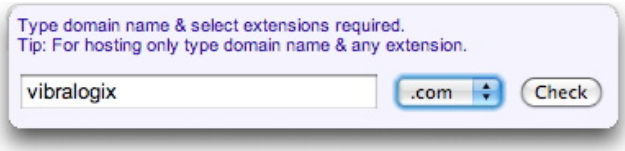
$backcolor — This is the background color to use throughout the shopping cart. It is in the html standard format. You can also use the CSS style sheet to change the background colour and other design elements.

$cwhoismode — Set this to 0 for the full shopping cart mode and 1 for the simple hosting mode.

$AllowNoHosting	Set to true to allow domain registration only. If you want to force hosting then set to false. Applies to cwhoismode 0 only.
$AllowHostingOnly	Set to true to allow hosting only.If you want to force domain registration or transfer then set to false. Applies to cwhoismode 0 only.
$AssumeAll	When set to true if no extension checkbox is ticked and no extension typed then all will be checked. If set to false then first extension (checkbox) will be checked in this case.
$SimpleHostingOnly	If set to true forces hosting only in the simple hosting mode (removes radio boxes)
$SimpleRegisterOnly	When set to true removes register option from simple hosting mode
$taxrate $taxratefield1 $taxratefield2 $taxontax $tax1[] $tax2[]	See the section about tax later on
$spacetohyphen	Set to true to automatically convert spaces entered in domain names to hyphens. Set to false to disable.
$hidecheckboxes	Set to true to hide the domain extension checkboxes. This means that the user just enters the domain name and cWhois checks all of the extensions defined in cwcconf.php. Applies to cwhoismode=0 only. Default value is false.
$NarrowCart	If set to true will reduce the width required to display the full cart mode by displaying the hosting and domain options on two lines. Has no effect in simple hosting mode. Default is false.

$DefaultBuy — Set to 1 so that buy checkboxes are checked. This is the default setting. Set to 0 to leave the buy checkboxes unchecked. Set to 2 to check the buy buttons only for available domains.

$dropdownsearch — Setting to true will use a drop down menu instead of checkboxes. If $AssumeAll is true then an All Option will be available as well. Default value is false.



$allowlookup — Setting to false will disable the whois lookup link. Default value is true.

$HTMLEmail — Set to Y to send emails in html format (recommended).

$CheckoutTuring — Set to true to require a turing (CAPTCHA) code on the checkout form (see later). Set to false to disable.

$LookupTuring — Set to true to require a turing (CAPTCHA) code to perform a full lookup (see later). Set to false to disable.

Payment process settings

cWhois Domain Cart supports many payment processors as well as allowing you to manually handle payment. If your payment processor is not yet supported please contact us to see if we can add them. The following table shows those currently supported and whether they handle monthly recurring payments.

Payment Processor	Recurring Payments
2checkout	Yes
Paypal	Yes
Paysystems	Yes
WorldPay	No
Worldpay Futurepay	Yes
Stormpay	Yes
Nochex	No
authorize,net	No
Network 1	No
Centipaid	No
Moneybookers	Yes
Bluepaid	No
Caixagalicia	No
CDG Commerce	Yes
iKobo	No
Internet Secure	Yes
ePN	Yes
MetaCharge	Yes
Setcom	No
eGold	No
Payson	No
Picpay	No
Secpay	Yes
Mals e-Commerce	No
Linkpoint	No
Paymate	No
Google Checkout	No
Pasgeguro	No
Ideal	No
AlertPay	Yes
Swreg	No
Virtual Pay Cash	No
Global Digital Pay	No
Amazon	No
MoIP	No
Mollie Ideal	No

Please find in the following sections the payment processor(s) that you wish to use and make the necessary settings. You can ignore the other payment processor settings.

Paypal

Paypal supports both single charge and monthly recurring billing. To select paypal as your payment processor set the following variables.

```
$payprocess="paypal";
$paypalemail="paypal@yoursite.com";
$paypalcurrency="USD";
$paypalreturn="http://www.yoursite.com/ok.htm";
$paypalcancel="http://www.yoursite.com/can.htm";
$paypaldesc="Domain name services";
```

$payprocess	Selects paypal for payment.
$paypalemail	This is the Paypal account (email address) used to receive payment.
$paypalcurrency	Set as USD,GBP,EUR,CAD,JPY or AUD
$paypalreturn	This is the full URL that Paypal will go to after a successful sale.
$paypalcancel	This is the full URL that Paypal will go to if the user cancels payment at any point.
$paypaldesc	This is the product description shown on the checkout page of Paypal.

2checkout

To select 2checkout (2CO) as your payment processor set the following variables.

```
$payprocess="2co";
$vendorid2co="12345";
```

This is all that needs to be setup for one off payments. However new rules enforced on 2CO by the credit card companies mean that each item ordered must exist in the 2CO admin area, in theory in advance of any orders. To make this as easy as possible we have designed cWhois Domain Cart so that it will automatically create products in 2CO's system when they are ordered. For example if your client orders registration of a .com domain for 5 years we will create a product with the id Reg_com_5 and the price you defined for this. You should remember if you change the

pricing structure in cWhois to also check for defined products in 2CO and modify the prices accordingly. If you don't then this will not actually affect the price paid by the client (which will always be the amount calculated by cWhois) but could get you in trouble with 2CO.

If you wish to use recurring billing then read on as 2checkout's handling of recurring billing is different to the other payment processors we support as they will only accept recurring orders for products that are already entered into their admin system. 2CO do not allow us to create recurring products for you as we can do for one off payment items. Basically this means that you must setup products for each combination of initial charge and monthly charge that are likely to be ordered. For example if you sell domain registration for $14.99 and hosting packages for $9.99 and $19.99 per month you need to setup 4 products on 2checkout admin as follows:

Product 1
Your Product ID: Plan1
Product Description: Web services
Recurring Billing Amount: 9.99
Periodicity: 1 Month
Number of Instalments: -1 (unlimited)
Startup Cost: 0

Product 2
Your Product ID: Plan2
Product Description: Web services
Recurring Billing Amount: 9.99
Periodicity: 1 Month
Number of Instalments: -1 (unlimited)
Startup Cost: 14.99

Product 3
Your Product ID: Plan3
Product Description: Web services
Recurring Billing Amount: 19.99
Periodicity: 1 Month
Number of Instalments: -1 (unlimited)
Startup Cost: 0

Product 4
Your Product ID: Plan1
Product Description: Web services

Recurring Billing Amount: 19.99
Periodicity: 1 Month
Number of Instalments: -1 (unlimited)
Startup Cost: 14.99

These four products provide the combinations required. However if you allow your client to order more than one plan then you will have to setup more products to handle this pricing combination as 2checkout only allow one recurring product to be ordered at a time. For this reason it is probably best to use cwhoismode=1 that limits the orders to one domain and hosting package per order.

Once you have setup the products on 2CO you then need to tell cWhois Domain Cart which product to order for each combination of initial charge and monthly charge as follows:-

```
$recprodid2co[]="1,0.00,9.99";
$recprodid2co[]="2,14.99,9.99";
$recprodid2co[]="3,0,19.99";
$recprodid2co[]="4,14.99,19.99";
```

Each line describes a product with settings split into parts divided by commas. First part is the 2checkout product ID for the product. The second part is the startup cost and the third part the monthly cost.

If cWhois Domain Cart cannot match the order with any of the predefined products then it will charge the first months fee and the following months will have to be handled manually.

Remember these are restrictions of the 2checkout system and not of cWhois Domain Cart.

paysystems / revecom

To select Paysystems as your payment processor set the following variables.

```
$payprocess="Paysystems";
$paysysid="3800";
$paysysreturn="http://www.yoursite.com/ok.htm";
$paysyscancel="http://www.yoursite.com/can.htm";
$paysysdesc="Domain name services";
$paysyscycle="30";
```

```
$paysystotalperiod="12";
```

$payprocess	Selects paysystems.com for payment.
$paysysid	This is the paysystems account to use.
$paysysreturn	This is the full URL that Paysystems will go to after a successful sale.
$paysyscancel	This is the full URL that Paysystems will go to if the user cancels payment at any point.
$paysysdesc	This is the product description shown on the checkout page of Paystystems.
$paysyscycle	Recurring billing cycle in days. 30 or 31 days would be normal.
$paysystotalperiod	Total number of charges to make.

Stormpay

To select Stormpay as your payment processor set the following variables.

```
$payprocess="Stormpay";
$stormemail="stormpay@yoursite.com";
$stormreturn="http://www.yoursite.com/ok.htm";
$stormcancel="http://www.yoursite.com/can.htm";
$stormdesc="Web Services";
$stormcycle="30";
```

$payprocess	Select Stormpay
$stormemail	Your Stormpay email address.
$stormreturn	This is the full URL that Stormpay will go to after a successful sale.
$stormcancel	This is the full URL that Stormpay will go to if the user cancels payment.
$stormdesc	This is the product description shown on the checkout page of Stormpay.
$stormcycle	Recurring billing cycle in days. 30 or 31 days would be normal.

Nochex

To select nochex.com as your payment processor set the following variables.

```
$payprocess="Nochex";
$nochexemail="nochex@yoursite.com";
$nochexdesc="Web Services";
$nochexreturn="http://www.yoursite.com/ok.htm";
```

$payprocess	Selects Nochex
$nochexemail	Your Nochex email address
$nochexdesc	This is the product description shown on the checkout page of Nochex.
$nochexreturn	This is the full URL that Nochex will go to after a successful sale.

authorize.net

To select authorize.net as your payment processor set the following variables. Please note that authorize.net do not support automatic recurring billing although depending on your account you maybe be able to set this up manually after you have received the order

```
$payprocess="Authorize";
$authloginid="";
$authdesc="Web Services";
$authcurrency="USD";
$authtxnkey="";
```

$payprocess	Selects authorize.net
$authloginid	Your authorize.net ID
$authdesc	This is the product description shown on the checkout page of authorize.net.
$authcurrency	This is the currency code to use.
$authtxnkey	Your authorize.net transaction key.

Worldpay

cWhois supports payment via the Worldpay system. Other services of Worldpay may not be compatible.

```
$payprocess="worldpay";
$wpinstid="123456";
$wpcartid="15";
$wpcurrency="GBP";
$wpdescid="Web Services";
$wptestmode="0";
```

$payprocess	Selects Worldpay
$wpinstid	Your seller id
$wpcartid	Your cart id
$wpcurrency	Currency flag (e.g. GBP)
$wpdescid	Description of goods (e.g. Web services)
$wptestmode	Test mode (see Worldpay documentation)

Worldpay Futurepay

cWhois supports payment via the Worldpay Futurepay system. Other services of Worldpay may not be compatible.

```
$payprocess="WpFuturepay";
$wpfpinstid="62346";
$wpfpcartid="15";
$wpfpcurrency="GBP";
$wpfpdesc="Web Services";
$wpfptest="0";
$wpfpoption="1";
```

$payprocess	Selects Worldpay
$wpfpinstid	Your seller id
$wpfpcartid	Your cart id
$wpfpcurrency	Currency flag (e.g. GBP)
$wpfpdesc	Description of goods (e.g. Web services)
$wpfptest	Test value (see Worldpay documentation)
$wpfpoption	Option value(see Worldpay documentation)

Network1

To select Network1 as your payment processor set the following variables. Please note that Network1 do not support automatic recurring billing although depending on your account you maybe be able to set this up manually after you have received the order

```
$payprocess="Network1";
$net1loginid="";
$net1desc="Web Services";
```

$payprocess	Selects Network1
$net1loginid	Your Network1 ID
$net1desc	This is the product description shown on the checkout page of Network1.

Centipaid

To select Centipaid as your payment processor set the following variables. Please note that Centipaid do not support recurring billing at this time.

```
$payprocess="Centipaid";
$centilogin="AEF001";
$centidesc="Web Services";
```

$payprocess	Selects Centipaid
$centiloginid	Your login ID
$centidesc	This is the product description shown on the checkout page of Centipaid.

Moneybookers

To select Moneybookers as your payment processor set the following variables.

```
$payprocess="Moneybookers";
$monbookemail="moneybookers@yoursite.com";
$monbookreturn="http://www.yoursite.com/ok.htm";
$monbookcancel="http://www.yoursite.com/can.htm";
$monbookdesc="Web Services";
$monbookcurrency="USD";
$monbookcycle="31";
$monbooktotalperiod="12";
```

$payprocess	Selects Moneybookers
$monbookemail	Your Moneybookers account email
$monbookreturn	This is the full URL that Moneybookers will go to after a successful sale.
$monbookcancel	This is the full URL that Moneybookers will go to if the user cancels payment at any point.
$monbookdesc	This is the product description shown on the checkout page of Moneybookers.
$monbookcurrency	This is the currency to use such as USD, GBP etc.
$monbookcycle	Recurring billing cycle in days. 30 or 31 days would be normal.
$monbooktotalperiod	Total number of charges to make.

Caixagalicia

To select Caixagalicia as your payment processor set the following variables.

```
$payprocess="Caixagalicia";
$caixagcomercio="comercio";
$caixagvuelta="http://www.site.com/gracias.html";
$caixagmoneda="EUR";
```

$payprocess	Selects Caixagalicia
$caixagcomercio	Account id (comercio)
$caixagvuelta	URL after payment checkout (vuelta)
$caixagmoneda	Currency such as EUR (moneda)

CDG Commerce

To select CDG Commerce as your payment processor set the following variables.

```
$payprocess="cdgcommerce";
$cdghome="http://www.yoursite.com";
$cdgdesc="Web Services";
$cdgreturn="http://www.yoursite.com";
$cdgmername="MERCHANT INC";
$cdgrecipe="monthlybusiness";
```

$payprocess	Selects CDG commerce
$cdghome	Your sites homepage
$cdgdesc	Description of service
$cdgreturn	URL to return to on your site
$cdgmername	Your merchant name at CDG
$cdgrecipe	The name of the monthly recurring recipe that has been previously setup. See the CDG documentation for details.

iKobo

To select iKobo as your payment processor set the following variables. iKobo do not support recurring billing.

```
$payprocess="iKobo";
$ikoboid="JA12345GB";
$ikobodesc="Web Services";
```

$payprocess	Selects iKobo
$ikoboid	Your iKobo account id
$ikobodesc	Description of service

Internet Secure

To select Internet Secure as your payment processor set the following variables.

```
$payprocess="InternetSecure";
$intsecid="1234";
$intsecdesc="Web Services";
$intsecitem="WEB";
$intsecflags="{GST}{PST}{HST}";
$intsecreturn="http://www.yoursite.com";
```

$payprocess	Selects Internet Secure
$intsecid	Your Internet Secure account id
$intsecdesc	Description for service being sold
$intsecitemid	Item number for service being sold
$intsecflags	Flags for tax and currency etc. See Internet Secure documentation.
$intsecreturn	URL to return to after transaction

ePN

To select ePN as your payment processor set the following variables.

```
$payprocess="ePN";
$epnid="04971";
$epnreturn="http://www.yoursite.com";
$epndecline="http://www.yoursite.com";
$epnrecurr="1";
```

$payprocess	Selects ePN
$epnid	Your ePN account id
$epnreturn	URL to return to after transaction
$epndecline	URL to return to if declined
$epnrecurr	Recurring method to use. Must be set to allow amount override in the admin area.

MetaCharge

To select MetaCharge as your payment processor set the following variables.

```
$payprocess="MetaCharge";
$metaid="123456";
$metacurrency="GBP";
$metadesc="Web Services";
```

$payprocess	Selects MetaCharge
$metaid	Your MetaCharge account id
$metacurrency	Currency code
$metadesc	Description of service displayed in checkout

Setcom

To select Setcom as your payment processor set the following variables.

```
$payprocess="Setcom";
$setcomid="123456";
$setcomcurrency="USD";
$setcomdesc="Web Services";
$setcomsku="id1";
```

$payprocess	Selects Setcom
$setcomid	Your Setcom account id
$setcomcurrency	Currency code
$setcomdesc	Description of service displayed in checkout
$setcomsku	Item code of service being sold

eGold

To select eGold as your payment processor set the following variables.

```
$payprocess="eGold";
$egoldid="123456";
$egoldname="Your Company";
$egoldunits="1";
$egoldmetalid="1";
$egoldmemo="Web Services";
$egoldreturn="http://www.yoursite.com/ok.htm";
$egoldcancel="http://www.yoursite.com/can.htm";
```

$payprocess	Selects eGold
$egoldid	Your eGold account id
$egoldname	Company name to display
$egoldunits	eGold units. 1 for USD, 44 for GBP, 85 for Euro. See egold.com for further details
$egoldmtalid	eGold metal id. 1 for gold, 2 for silver, 3 for platinum. See egold.com for further details
$egoldmemo	Memo displayed oneGold checkout page
$egoldreturn	Page to return to after payment
$egoldcancel	Page to return to if payment cancelled

Payson

To select Payson as your payment processor set the following variables.

```
$payprocess="payson";
$pasonemail="&SellerPaysFee=1";
```

$paysonemail	Your payson email address
$paysonoption	Can be "&Sp=1" or "&Gr=1"

Picpay

To select Picpay as your payment processor set the following variables.

```
$payprocess="picpay";
$picpaymember="account";
$picpaydesc="Web services";
$picpayreturn="http://www.yoursite.com";
$picpaycancel="http://www.yoursite.com";
```

$picpaymember	Your picpay member name
$picpaydesc	Description displayed in checkout
$picpayreturn	Page to go to after payments
$picpaycancel	Page to go to if cancelled

Secpay

To select Secpay as your payment processor set the following variables.

```
$payprocess="secpay";
$secpaymerchant="abcdef01";
$secpayreturn="http://www.yoursite.com";
$secpaycurrency="GBP";
$secpayremotepass="secpay";
```

$secpaymerchant	Your secpay merchant id
$secpaydesc	Return (callback) url
$secpaycurrency	Currency code (e.g. GBP)
$secpayremotepass	This is your remote pass. Ask Secpay to enabled it.

Mals eCommerce

Mals eCommerce is not a payment processor as such but a powerful shopping cart system. However cWhois can make use of their checkout process and therefore the many payment processors they support. To select Mals eCommerce as your payment processor set the following variables.

```
$payprocess=”mals”;
$malsuserid="12345";
$malsurl="http://ww8.aitsafe.com/";
```

```
$malsdesc="Web Services";
```

$malsuserid	This is your account id
$malsurl	This is the URL for mals-e that is assigned to you.
$malsdesc	Description to appear on checkout

Linkpoint

To select Linkpoint as your payment processor set the following variables.

```
$payprocess=”linkpoint”;
$lpstorename="12345";
$lpreturn="http://www.yoursite.com";
$lpcancel="Web Services";
```

$payprocess	Selects Linkpoint
$lpstorename	This is your Linkpoint storename
$lpreturn	to go to after payment
$lpcancel	Page to go to if cancelled

Please note that you need to register in Linkpoint the pages that can call them. For example http://www.yoursite.com/demo.php.

Paymate

To select Paymate as your payment processor set the following variables.

```
$payprocess=”Paymate”;
$paymateid="";
$paymatedesc="Web Services";
$paymatecurrency="USD";
```

$payprocess	Selects Paymate
$paymateid	This is your Paymate ID
$paymatedesc	Description to appear on checkout
$paymatecurrency	Currency code

Google Checkout

To select Google Checkout as your payment processor set the following variables.

```
$payprocess=”GoogleCheckout”;
$gcmerchantid="";
$gcdesc="Web Services";
$gccurrency="GBP";
```

$payprocess	Selects Google Checkout
$gcmerchantid	This is your Google ID
$gcdesc	Description to appear on checkout
$gccurrency	Currency code

Pagseguro

To select Pagseguro as your payment processor set the following variables.

```
$payprocess=”pagseguro”;
$pgemailcobranca="";
$pgtipo="CP";
$pgmoeda="BRL";
$pgdesc="Web services";
```

$payprocess	Selects Pagseguro
$pgemailcobranca	This is your Pagseguro email
$pgtipo	Code
$pgmoeda	Currency code
$pgdesc	Description to appear on checkout

Ideal

To select Ideal as your payment processor set the following variables.

```
$payprocess=”Ideal”;
$idealid="12345678";
$ideallang="nl";
$idealcurrency="EUR";
$idealdesc="Hostingpakket";
$idealitem="123456";
$idealvalid="2008-12-01T12:00:00:0000Z";
```

$payprocess	Selects Ideal
$idealid	Your Ideal ID
$ideallang	Language code
$idealcurrency	Currency code

$idealdesc	Description to appear on checkout
$idealitem	Item number
$idealvalid	Valid date code

AlertPay

To select AlertPay as your payment processor set the following.

```
$payprocess=”AlertPay”;
$alertpayid="mirzamafzal@gmail.com";
$alertpayname="Web services";
$alertpaycode="001";
$alertpaydesc="Web services";
$alertpaycurrency="USD";
$alertpayreturn="http://www.afzalhost.com/orderconfirm.php";
$alertpaycancel="http://www.afzalhost.com/cancel.html";
```

$payprocess	Selects AlertPay
$alertpayid	Your AlertPay email address
$alertpayname	The name that appears in the checkout
$alertpaycode	The product id to use for checkout
$alertpaydesc	A product description to use for checkout
$alertpaycurrency	Currency code such as USD
$alertpayreturn	URL to send clients to after payment
$alertpaycancel	URL to send clients to if they cancel payment

Swreg

To select Swreg as your payment processor set the following.

```
$payprocess="swreg";
$swregid="123456";
$swregproduct="123456-1";
```

$payprocess	Selects swreg
$swregid	Your account id
$swregproduct	The product id to use

VirtualPayCash.com

To select virtualaycash.com as your payment processor set the following.

```
$payprocess="vpcash";
$vpc_merchant="123456";
$vpc_currency="USD";
$vpc_item="Web Services";
$vpc_merchantSecurityWord="secret";
$vpc_return_url="http://www.yoursite.com/success.php";
$vpc_cancel_url="http://www.yoursite.com/cancel.php";
$vpc_notify_url="http://www.yoursite.com/cancel.php";
```

Global Digital Pay

To select Digital Global Pay as your payment processor set the following.

```
$payprocess="GlobalDigitalPay";
$gdp_member="G012345";
$gdp_storeid="123";
$gdp_desc="Web Services";
$gdp_currency="USD";
$gdp_success="http://yoursite.com/success.php";
$gdp_cancel="http://yoursite.com/cancel.php";
```

$payprocess	Selects Global Digital Pay
$gdp_member	Your account id
$gdp_storeid	Store Id
$gdp_desc	A product description to use for checkout
$gdp_currency	Currency code such as USD
$gdp_success	URL to send clients to after payment
$gdp_cancel	URL to send clients to if they cancel payment

Amazon

To select Amazon as your payment processor set the following.

```
$payprocess="Amazon";
$amazon_accesskey="";
$amazon_currency="USD";
$amazon_desc="Web Services";
$amazon_payid="";
$amazon_success="http://yoursite.com/success.php";
$amazon_cancel="http://yoursite.com/cancel.php";
```

$payprocess	Sets Amazon as the payment processor
$amazon_accesskey	Your amazon access key
$amazon_currency	Currency code
$amazon_desc	Item description
$amazon_payid	Amazon payment account id
$amazon_success	Return URL
$amazon_cancel	Cancel URL

MoIP

To select MoIP as your payment processor set the following.

```
$payprocess="MoIP";
$pgemailcobranca="your@email.com";
$pgtrans="";
$pgmoeda="BRL";
$pgdesc="Web Services";
```

$payprocess	Sets MoIP as the payment processor
$pgemailcobranca	MoIP payment email
$pgtrans	ID transaction generated for your website
$pgmoeda	Currency BRL, USD, GBP, EUR, CAD or JPY
$pgdesc	Description for item purchased

MollieIdeal

To select MollieIdeal as the payment processor set the following.

```
$payprocess="MollieIdeal";
$mollieideal_api="test_EDA18cqZvHsvd3NsNhrDwmiHjdKTHY";
$mollieideal_desc="Web Services";
$mollieideal_returnurl="http://www.yoursite.com/return.php";
$mollieideal_method="";
```

$payprocess	Sets MollieIdeal as the payment processor
$mollieideal_api	Your account id
$mollieideal_desc	Description of service
$mollieideal_returnurl	Return URL
$mollieideal_method	Can normally be left blank

You must also upload the Mollie folder from the zip file to your server (same place where you have cwhoiscart.php).

When this payment processor is enabled a list of supported banks is added to the contact form for the buyer to select.

Payu Latam

To select Payu Latam as the payment processor set the following.

```
$payprocess="PayuLatam";
$payulmerchantid="123456";
$payulaccountid="123456";
$payulapikey="4327ct6r2e65e2ytfd";
$payulaccountdesc="hostingbasico";
$payulcurrency="COP";
$payullng="es";
```

Access Pay

To select Access Pay as the payment processor set the following.

```
$payprocess="AccessPay";
$accesspaymercid="00037";
$accesspaycurrcode="566";
$accesspaydesc="Hosting";
```

Manual payment processing

If your payment processor is not currently supported or you wish to process payments manually set the following variables.

```
$payprocess="manual";
$manualreturn="http://www.yoursite.com/thanks.htm";
```

$payprocess	Selects manual handling
$manualreturn	This is the full URL that the user will be taken to after checkout.

When the page is called we include the order number, total amount and recurring amount in the URL as GET variables. e.g.

```
thanks.htm?ordnum=123456&total=25.95&recurringtotal=9.95
```

There is also a second manual payment option you can use as well. This is useful if you wish to have two different manual processing return pages.

```
$payprocess="manual2";
$manual2return="http://www.yoursite.com/thanks.htm";
```

Using multiple payment processors

If you wish you can provide a choice of payment methods to your clients. For example you could allow a choice of 2checkout, Paypal or manual payment. To allow this you can list multiple payment processors in $payprocess by separating them by commas. e.g.

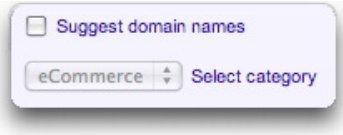
```
$payprocess="2CO,Paypal,manual";
```

Having more than one payment processor listed will add an extra drop down menu to the checkout form allowing the user to choose. By default cWhois will list the processors labels (2CO, Paypal and manual for this example) in this drop down menu but you can change this by entering the text you wish to be displayed to the user in the $payprocessnames setting as follows:-

$payprocessnames="Credit card,Paypal,Invoice";

Domain suggestion system

cWhois has a customisable domain name suggestion feature (full shopping cart mode only).



To enable it set the following variables.

$suggestdomains Set to 1 to enable or 0 to disable

$suggestmax This is the maximum number of domains that will be checked. Don't forget that the higher this number the more time it will take. Many PHP installations have a default time out of 30 seconds which will limit this number.

To setup the keyword categories you wish to use add one line as follows for each category.

$suggestcategory[]="eCommerce";

To setup the keywords you wish to include for each category add one line as follows for each keyword.

$suggest[]="eCommerce,%4sale";

The first part defines which category the keyword is to be included with and the second the keyword suggestion. The % sign indicates where the domain name or keyword entered by the user will be placed. In this

example if the user entered widget.com then widget4sales.com would be suggested.

Tax and VAT

cWhois Domain Cart allows you to calculate tax and VAT on orders in two ways.

You can add a tax to all orders by setting the $taxrate variable in cwcconf.php. For example to add 17.5% set $taxrate=17.5; The tax will be shown on the checkout page.

If you need to add tax based on the location of the purchaser then you can use an alternative method. This method allows you to define one or two entry fields from the checkout form that will be used to determine taxation. For example you could decide to add 17.5% VAT for all orders from EU countries. Some countries such as Canada have a two tier system so for example all orders from within Canada have 7% federal tax and orders from Quebec also have a 7.5% province tax.

This tax system uses the following settings in cwcocnf.php.

$taxratefield1	This should be set to the field from the checkout form to asses the first tax.
$taxratefield2	This should be set to the field from the checkout form to asses the second tax.
$taxontax	Set to true if the second tax is calculated on top of the first tax. If not set to false.
$tax1[]	Entry to match for tax 1 and tax rate. You can add as many of these as required (see example)
$tax2[]	Entry to match for tax 2 and tax rate. You can add as many of these as required (see example)

So for example to add to add 17.5% tax to orders from the UK and France set the following:-

```
$taxratefield1="country";
$taxratefield2="";
$taxontax=false;
$tax1[]="UK,17.5";
$tax1[]="France,17.5";
$tax2[]="";
```

The match is not case sensitive and you can add extra lines to cover alternative entries such as United Kingdom.

The following is an example for Canada using the two tier system. Here all orders from Canada have 7% federal tax and orders from Quebec have a 7.5% province tax added on top.

```
$taxratefield1="country";
$taxratefield2="province";
$taxontax=true;
$tax1[]="Canada,7";
$tax2[]="Quebec,7.5";
```

This example assumes that you have setup a checkout form field called province in the language file english.php (more on that later).

You can define the names of the tax systems in the variables $lang['Tax1'] and $lang['Tax2'] in the language file english.php.

You should note that the tax amounts are not shown in the checkout form as this is displayed before the user enters their billing address. However you can add a message warning the user that tax may be added by setting the variable $lang['TaxToAdd'] in english.php. The tax will be added and displayed in the confirmation email sent to the user and of course added to the total sent to the payment processor.

Adding cWhois Domain Cart to your page

Now we have setup cwcconf.php you are ready to add the shopping cart to your site. cWhois Domain Cart can be added to most pages without making many changes. Alternatively you can add it to a blank html page.

Open the required html page in your favourite editor. Now save it but with the extension php instead of .htm. This is necessary because we make use of PHP. This will not have any affect on the layout of your page.

At the very top of your page add the following line that will cause cWhois to be initialised correctly when your page is loaded into a browser. Make sure there are no characters (not even <html> before the <?php.

```
<?php include"cwcconf.php"; ?>
```

Now find the part of your page (in the body) where you wish to display cWhois. If you use tables to format your page you can place it within a cell of the table. Add the following line at the required point.

```
<?php include"cwhoiscart.php"; ?>
```

As cWhois Domain Cart uses a CSS style sheet to determine things like fonts and colours you also need to tell your page where to find this. Add this line the HEAD section of your page (between <HEAD> and </HEAD>.

```
<link href="cwhoisstyles.css" rel="stylesheet" type="text/css">
```

Finally upload your page to your site. The following files must also be on your site in the same folder as your page. If you followed the 'Quick Start' they should already be there.

cwhois.php
cwhoiscart.php
cwcconf.php
english.php
cwhoisstyles.css

the following files are required if you intend to use the turing (CAPTCHA) features (see later).

turingimagecw.php
turingbg1.jpg
turingbg2.jpg
turingbg3.jpg
turingbg4.jpg

If you would like to use a different surrounding page when displaying the contact form on the checkout page you can do this by adding the following variable to cwcconf.php.

```
$checkoutpage="yourpage.php";
```

Make sure of course to add cWhois Domain Cart to that page in the same way. This is useful when for example you add instructions or details on the page that surrounds the shopping cart but do not want these displayed on the checkout page.

You can also use a page that is displayed while connecting to the payment processor. This may be useful to display a final message etc. To enable this add the following variable to cwcconf.php.

```
$paymentpage="yourpage.php";
```

If you wish the payment processor to be displayed in a new browser window then add the following setting to cwcconf.php.

$paymenttarget=”payment”;

Using Turing (CAPTCHA) codes

CAPTCHA - Completely Automated Public Turing to tell Computers from Humans Apart

To stop hackers and other undesirables from repeatedly filling in the checkout form or performing lookups on your server you can enable the turing code feature. This forces them to enter a security code before continuing.

To enable this feature set one or both of the following settings to true (to disable set false).

$CheckoutTuring=true;
$LookupTuring=true;

You must also ensure these files are uploaded to the same place as your other cWhois files.

turingimagecw.php
turingbg1.jpg
turingbg2.jpg
turingbg3.jpg
turingbg4.jpg

Coupon Codes

cWhois Domain Cart allows you to define any number of coupon codes offering different discounts. You can decide the level of discount to apply, whether this applies to the initial payment, recurring payment or both, minimum applicable order levels and set an expiry date for the coupon code.

To enable coupon codes you first of all need to add the coupon code field to your checkout form. To do this add this to your contact form in english.php

```
$cform[] = "couponcode,Coupon,";
```

Now you can set your valid coupon codes in cwcconf.php. You will see a couple of examples already set that look like this.

```
// Coupon codes
$coupon['code1']="10%,10,10%,10,";
$coupon['code2']="5,9,3,9,01082011";
```

Each coupon is defined by setting the coupon code like $coupon['code1']. After this the coupon settings are set in 5 sections separated by commas.

The first is the discount to offer on the initial payment (not monthly payments). This can be in the form of a percentage such as 10% or an amount such as 5 to deduct. Do not use a negative number. set to 0 to offer no discount on the initial payment.

The second section is the minimum pre discount initial payment total allowed before the discount is applied. Set to 0 to always apply the discount.

The third is the discount to offer on the monthly recurring payment. This can be in the form of a percentage such as 10% or an amount such as 5 to deduct. Do not use a negative number. set to 0 to offer no discount on the monthly payment.

The fourth section is the minimum pre discount monthly total allowed before the discount is applied. Set to 0 to always apply the discount.

The fifth section is an optional expiry date for the coupon set in the format ddmmyyyy.

Examples

```
$coupon['code1']="10%,10,10%,10,";
$coupon['code2']="5,9,3,9,01082011";
```

The coupon code1 offers a discount of 10% on both the initial and monthly payments but only if a minimum of 10 (whatever currency) is spent. There is no expiry for this coupon code.

Coupon code2 offers 5 (whatever currency) off of the initial payment as long as it is at least 9. It also offers 3 off of the monthly payment as long as this is at least 9. This coupon code is only valid until the 1st August 2011.

Adding a simple domain search to your site

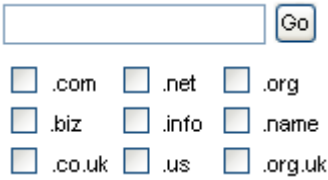
cWhois Domain Cart provides an extra feature allowing you to place a domain search box on any page of your site where a user can enter a domain name. When search is clicked he is taken to the shopping cart and then given the appropriate purchase options. This is a great way to get a user into the shopping cart from your home page etc without using up much page space. Here we will show you ways to implement this using a free form text box, a drop down menu of extensions or checkbox choice of extensions.

Freeform entry

This version allows a user to type any domain name and extension.

```
<form method="get" action="yourpage.php">
<input type="text" name="domain" size="20">
<input type="submit" value="Check">
<input type="hidden" name="cwaction" value="check">
</form>
```

Checkbox version



This version uses checkboxes allowing one or more extensions.

```
<form method="get" action="yourpage.php">
<input type="text" name="domain">
<input type="submit" value="Go">
<input type="hidden" name="cwaction" value="check">
<input type="checkbox" name="cb1" value="on">.com
<input type="checkbox" name="cb2" value="on">.nt
<input type="checkbox" name="cb3" value="on">.org
</form>
```

Dropdown menu

An alternative method using a drop down menu for the domain extensions can also be implemented using some javascript as follows:-

```
<script language="JavaScript">
function checkdomain(form)
{
  form.domain.value=form.domain.value+form.dex
    .options[form.dex.selectedIndex].text
}
</script>
<form method="get"
action="yourpage.php" onSubmit="checkdomain(this);">
<input type="text" name="domain" size="20">
<select name="dex">
<option value=".com">.com</option>
<option value=".net">.net</option>
<option value=".org">.org</option>
</select>
<input type="submit" value="Check">
<input type="hidden" name="cwaction" value="check">
</form>
```

Simple hosting mode

If you are using the Simple Hosting Mode you can use a link to select the required hosting package as follows:-

```
yourpage.php?h1=0
```

The h1=0 selects the first hosting package defined, h1=1 the second and so on.

Free domain names with hosting and discounts

Sometimes you may wish to provide free domain registration (of some domain extensions) with certain hosting plans or other discounts based on the hosting plan chosen. cWhois Domain Cart fully supports this allowing you to set hosting plan specific pricing for registration, transfer and renewals.

For example if you have setup your normal registration for .com as follows:-

$register[]=".com,1:2:5:10,14.99:28.99:64.99:119.99";

then you can tell cWhois Domain Cart to use special pricing for certain hosting plans by adding the line:-

$registerspecial[]=".com,1:2:5:10,0.00:14.99:50.99:105.99,0:2:5";

In this example we have setup the prices similar to before with the one year registration free and the other periods having a discount. At the end we added ,0:2:5 which means that hosting plans 0 2 and 5 use this pricing structure for .com registrations. 0 means the first hosting plan listed in cwcconf.php, 1 the second etc. if you want the pricing to apply to all hosting plans then just use a * instead of 0:2:5 etc.

You can do the same thing with transfer and renewals pricing by setting $transferspecial and $renewspecial in the same way.

If you setup any special pricing structures then they will work in both the full cart mode (drop down menus are dynamically updated) and simple hosting mode.

Separate pricing for short domain names

Some registrars have higher pricing for short domain names. For example .fm has higher fees for domain names of 3 characters or less. cWhois Domain Cart supports separate pricing if required.

To add separate pricing you need to add a separate section to the $register entry for the domain extension separated by a comma as follows:-

$register[]=".cd,1:2,39.99:74.99,length(1-3)=79.99:149.99";

The new section, length(1-3)=79.99:149.99, tells cWhois to use the higher pricing for domain names between 1 and 3 characters in length.

You can add one length command to any domain extension as required. Currently we are aware of only .cd and .fm that have this pricing policy.

'Please wait while' checking availability

The time it takes to verify availability of domain names depends on the connection between your server and the whois server being used. If the delay is relatively long then you can get cWhois to display a 'Please wait' message automatically. This is especially useful when you enable the domain name suggestion feature. Remember also that many installations of PHP have a 30 second maximum processing time although this can be increased. To enable the message add the following line to your template page (demo.php in our sample) on the first line after the <body> definition.

```
<?php pleasewait("Please wait while we check availability...", 350,50,"red","lightgrey","black"); ?>
```

As you can see you can set the message, size and colours of the message box. It will be displayed in the centre of the browser and will disappear when the domain names have been checked.

SMS text alert on order received

You can optionally be alerted by an SMS text message when an order is received by cWhois Domain Cart. We have found that the service provided by Clickatell offers the best pricing, reliability and coverage supporting 569 networks in 183 countries.

First of all you need to open an API http account with them. You can open an account using the link on our site at

http://www.vibralogix.com/cwhoiscart.

Once you have an account you should have a username, password and API ID (must be for http protocol). Add the following lines to cwcconf.php to enable SMS alerts.

```
$clickatell_api_id=”123456”;
$clickatell_user=”username”;
$clickatell_password=”password”;
$clickatell_to”4412345678”;
```

The $clickatell_to setting should be the alert phone number in full international format without any leading zero's or + signs.

Because of the limited size of SMS messages the alert will just inform you of the order number, name and email address of the client.

Chapter 3 Customising cWhois Cart

As we have implemented the application using PHP it is fairly easy to modify the script if required. To help you we have separated all of the English text, the fields used on the order form and the email messages and placed them in a separate language file called english.php. This enables you to easily translate the text into other languages, modify the emails sent to clients and also to add or remove entry fields used on the order form. We have also used an external CSS stylesheet so you can easily adjust fonts, colours and other design elements used in the cart.

Translating into other languages

To translate the script first open up english.php in a text editor and save it with a new name such as french.php etc. You will find each phrase used in the script has an entry similar to the following.

```
$lang['ToPayNow'] = "Total to pay now";
```

Simply modify the text within the quotation marks after the equals sign.

When you have finished save the file and then modify the following line in cwcconf.php to point to the new file you have created.

```
include "english.php";
```

Modifying the order form fields

You can easily add or remove entry fields from the order form. To do this open up the language file and scroll down to find the entry field definitions that start with $cform[]. Yo can add, remove or edit the fields as required.

Text entry fields

A text entry field look like this

```
$cform[] = "name,Name,You must enter your name";
```

As you can see this is split into three comma separated parts. The first part specifies the html field name. The second specifies the label displayed on the screen. The third specifies the javascript warning to be displayed if the

user tries to leave the field empty. Leave the warning blank if the field can be left blank (such as fax etc).

For the name and email fields you must use the html field names 'name' and 'email' although you can obviously translate the displayed labels as required. This is because the script requires these two fields.

Password entry fields

If you need to ask the client for a password then create two text entry fields named password and verifypassword. cWhois will display these using password style and also verify the two passwords match when entered.

Checkbox fields

A checkbox entry field looks like this.

```
$cform[] = "cb_test,Check test,You must tick the box,testvalue,checked";
```

The first part specifies the html field name which must begin with cb_ to specify a checkbox. The second specifies the label displayed on the screen. The third specifies the javascript warning to be displayed if you require the user to tick this check box. Leave the warning blank if the checkbox is for the user to choose an option. The fourth section is the value part of the checkbox. The fifth section if set to checked wil initially display the box checked.

Radio button fields

Radio buttons are like checkboxes but are used in sets.

```
$cform[] = "ra_test,Radio test,,radio1value,checked";
$cform[] = "ra_test,Radio test,,radio2value,";
```

The first part specifies the html field name which must begin with ra_ to specify a radio button (Notice that you need to use the same name for each radio button in a set). The second specifies the label displayed on the screen. The third specifies the javascript warning to be displayed if you require the user to tick this radio box (this is not normally required so leave blank). The fourth section is the value part returned if this radio button is selected. The fifth section if set to checked wil initially display the radio button checked (only make one radio button checked).

Text area

You can add a text area input field to the form using the following.

```
$cform[] = "ta_name,Comment,You must enter comments";
```

The first part specifies the html field name which must begin with ta_ to specify a text area field. The second specifies the label displayed on the screen. The third specifies the javascript warning to be displayed if the user tries to leave the field empty. Leave blank if not a required field.

Drop down menu

You can add a drop down menu to the form using the following.

```
$cform[] = "dm_position,Position,You must select your position,
Select Position,
Employee,
Manager,
Director";
```

The first part specifies the html field name which must begin with dm_ to specify a drop down menu The second specifies the label displayed on the screen. The third specifies the javascript warning to be displayed if you want to force a selection (in this case anything except the first menu option). Leave blank if not a required. After this list the options separated by commas.

Modifying the email messages

The subject and text of the email messages sent to the client and vendor confirming the order can easily be modified. Open up the language file and scroll down to the customer or vendor email section as required.

The first line defines the subject of the email. The rest of the lines define the body text of the email. Within the text you can get cWhois to automatically insert data using the following variables.

!!!vendorcompany!!!	You company name
!!!vendoremail!!!	You company email address
!!!ordnum!!!	The unique cWhois order no

!!!orderdetails!!!	Full order details will be inserted here. This should be on a blank line.
!!!ipaddress!!!	Users IP address
!!!htmlfield!!!	You can insert any data entered on the order form. For example to insert the users name then use !!!name!!! and for the city use !!!city!!! etc.
!!!formfields!!!	This will insert all of the entered data from the order form. This variable should be on a blank line.

CSS Stylesheet

The default styles used by cWhois have been designed to be easy to read and to fit with most site designs. However we have used a CSS stylesheet enabling you to change things like the fonts used, colours etc. Instead of just allowing simple properties to be changed like font size etc we have designed the system so that many different properties can be controlled for each section of the cart. It is even possible for you to change the relative position of each cart section on the page if you so wish. This does however mean that the style sheet is a little more complex than it could be.

Open cwhoisstyles.css in your html editor and you will see how we have set things up. Each section of the cart such as the search dialog, the checkbox area, results etc has its own class and is contained within a block. This allows each section to have its own design style and also allows the section to be repositioned on the page if required. The class names are as follows for each section.

cwhoissearch	The top secton where domain names are entered. Also includes the domain suggestion area if enabled.
cwhoischeckbox	The domain extension checkbox section.
cwhoisresults	The section where the domain availability and options are displayed.
cwhoisshop	The shopping cart contents section.
cwhoisverify	The order verification section above the contact form.

cwhoiscontact	The contact form.
cwhoislookup	The whois loolup data window
cwhoissimplestep1	Simple hosting mode step 1
cwhoissimplestep2	Simple hosting mode step 2 if use needs to register domain name.
cwhoissimplestep2b	Simple hosting mode step 2 if use already has domain name to host.

Each class allows you to change the style for each tag type used within that section.

Chapter 4 Support

Hopefully if you have followed this manual carefully everything will be working fine. However sometimes things don't go quite so smoothly so if you have any questions or problems please email us at

support@vibralogix.com.

Here are some of the questions we have been asked before.

Can we use the Domain Cart on more than one page
Yes. The license allows you to install it in as many pages as you require on one domain. This is useful if you wish to have separate shopping carts for different currencies or payment processors. You may also wish to use both the full shopping cart and the simple hosting mode. Normally all that is required is to have different configuration files (cwcconf.php) as the other files remain the same.

Can we access the cWhois function from our own application?
Yes as long as you as you respect our license agreement and only use our code on one domain (unless you have purchased extra licenses of course). Contact us for details about the function parameters.

Can we add support for domains not currently included?
We have tried to support all domains that have a publicly accessible whois server. We may if requested be able to add support for other domain types that have at least access to whois information via a script or similar. We have done this with the Malaysian .my extension for example.

Can cWhois actually register domain names automatically?
We have tried to keep the shopping cart as easy to setup and use as possible and decided not to support automatic domain registration.