

GC Cart

An object oriented approach to the
WDIM Cart by Gilberto Cortez

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Introduction

- Application Name: GC Cart
- Description: This cart is an object oriented approach to the already developed WDIM Cart. The purpose of this is to remove known bugs and to organize the application into objects for easier expansion and manipulation.
- Functionality list:
 - 2 and 3 tier ecommerce framework
 - Administrator panel
 - Add/Remove/Edit Products and Categories/Sub-Categories
 - Control products page's meta tags
 - Add/Remove product images
 - Control categories – sub-categories hierarchy
 - Control home page items
 - Control inventory and product attributes
 - Client Site
 - Add/Remove Products
 - Quantity
 - Select Attributes
 - View Cart
 - Paypal Checkout
 - Fedex shipping estimator
 - Product image gallery
 - Auto fill search form
 - Fedex tracking

Installation Process

1. Unzip all of the files into your web site folder
2. Upload all of the files to your server
3. Import the database structure using phpMyAdmin
4. Edit the main configuration file (`_inc/config.inc.php`)
5. Rename the file `htaccess.txt` to `.htaccess`
6. Start modifying your cart through the administrator panel (`_admin/home.php`)

Note: If you don't fully understand the code, all you need to modify are the Configuration file (`_inc/config.inc.php`) and the Template File (`_inc/template.class.php`) which includes all of your cart main html.

Customer Path

- First Path
 - Select a product from the home page displays
 - Add product to cart
 - Go to the cart
 - Fill out check out form and submit
 - Complete checkout with Paypal
 - Sale completed
- Second Path
 - Enter a category page
 - Select a product from the category
 - Add product to cart
 - Go to the cart
 - Fill out check out form and submit
 - Complete checkout with Paypal
 - Sale completed
- Third Path
 - Enter a category page
 - Select a product from the category
 - Add product to cart
 - Select more products from the site
 - Fill out check out form and submit
 - Complete checkout with Paypal
 - Sale completed

ERD

- The cart will follow the following structure:

- {prefix}_attributes
 - prodid
 - int(5)
 - Primary key
 - options
 - varchar(255)
- {prefix}_buyers
 - id
 - int(5)
 - Primary key
 - fullname
 - varchar(255)
 - email
 - varchar(255)
 - address
 - varchar(255)
 - city
 - varchar(255)
 - state
 - varchar(255)
 - zip
 - int(5)

- {prefix}_cartitems
 - id
 - int(5)
 - Primary key
 - cartitems
 - int(3)
 - attribute
 - varchar(255)
 - qty
 - int(5)
 - sessid
 - varchar(255)
 - timeofentry
 - datetime
- {prefix}_category
 - id
 - int(5)
 - Primary key
 - name
 - varchar(255)
 - Description
 - text
 - maincatid
 - int(5)

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- {prefix}_coupons
 - id
 - int(5)
 - Primary key
 - code
 - varchar(255)
 - ammount
 - varchar(255)
 - dateeffect
 - datetime
 - dateexpire
 - Datetime
 - gifttype
 - enum('0','1')
 - active
 - enum('0','1')
- {prefix}_ecadmin
 - id
 - int(5)
 - Primary key
 - username
 - varchar(255)
 - password
 - varchar(255)
- {prefix}_inv
 - prodid
 - int(5)
 - qty
 - int(5)
 - rate
 - int(11)
- {prefix}_maincategory
 - id
 - int(5)
 - Primary key
 - name
 - varchar(255)
- {prefix}_orders
 - prodid
 - int(5)
 - qty
 - int(5)
 - options
 - varchar(255)
 - cost
 - Decimal(7,2)
 - buyerid
 - int(5)
- {prefix}_products
 - id
 - int(5)
 - Primary key
 - name
 - varchar(255)
 - descrip
 - text
 - price
 - Decimal(9,2)
 - catid
 - int(5)
 - qty
 - int(5)
 - link
 - varchar(255)
 - weight
 - Decimal(9,2)

ERD

- {prefix}_searchHits
 - unique_ip
 - varchar(255)
 - prodId
 - int(9)
- {prefix}_spec
 - id
 - int(5)
 - Primary key
 - times
 - varchar(255)
 - timef
 - varchar(255)
 - spec
 - enum('no','yes')
 - Default 'no'

All fields on the database are to be not null and the primary key's are to be auto incremented