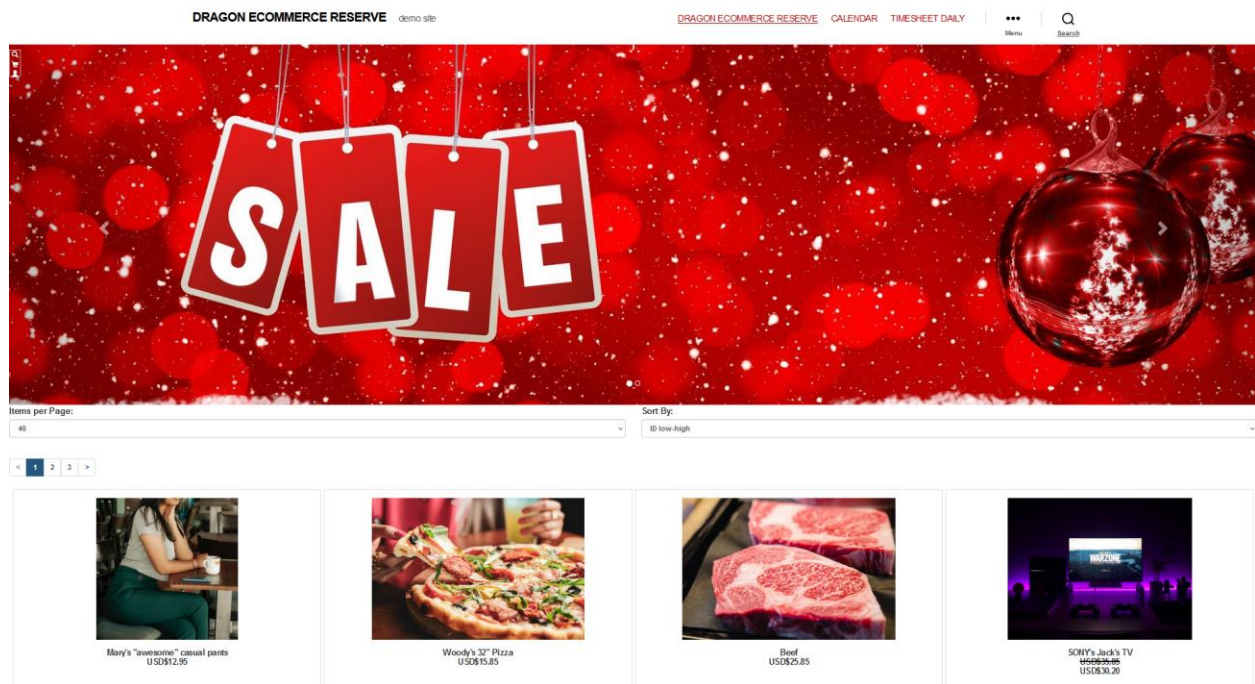


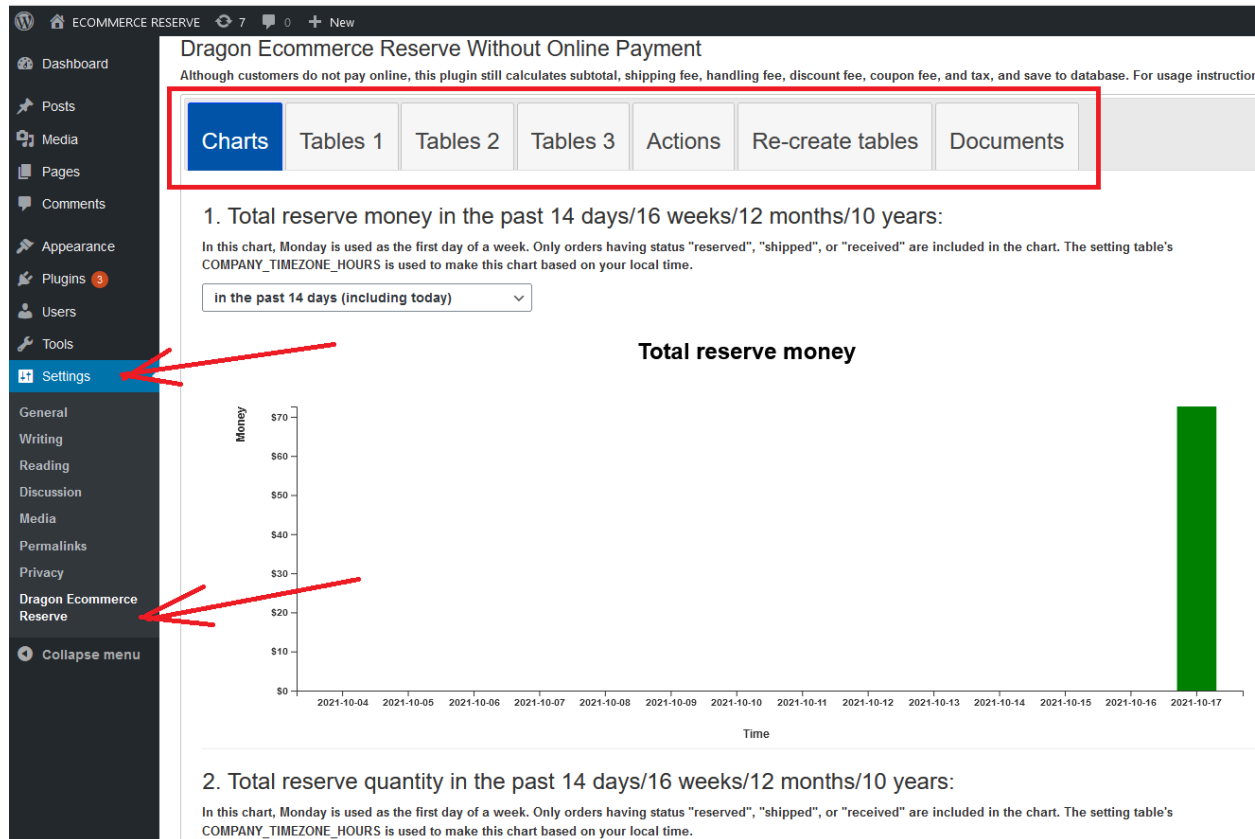
Dragon Ecommerce Reserve Plugin Without Online Payment for WordPress

(Free Version)

Version 1.0 – last updated 2020-05-07

Every company needs an ecommerce plugin to sell products on the WordPress website. This plugin sells your products to website visitors without online payment. This plugin is very easy to use. In WordPress admin page, click settings and click “Dragon Ecommerce Reserve”, you will go to the plugin setting page. Website visitors can reserve your products online without online payment. Then they can go to your store to buy it or use other ways to buy. Database is MySQL.





1. You can sell millions of products using our dragon ecommerce reserve without online payment WordPress plugin. It will calculate total fee for the reservation and email the customer the money details (subtotal, shipping fee, tax, discount, coupon, total fee). But the customer does not pay it online.

Customers can go to your store to pay and pick up. Customers can also use other ways to pay it.

2. This plugin can also sell these kinds of **special** products for you: tax free products, products with an on sale price during a specific period which you can set in the admin setting page.

3. This plugin is much faster than woocommerce because this plugin uses a much better database design. In woocommerce, each product detail is a post/page in the WordPress post table. In our plugin, each product detail is stored in a separate product table. So it is much more effective to join product table with other tables and more effective to create fast stored procedures. This makes it more efficient to deal with more online buyers at the same time.

4. This plugin uses Mysqli for database query. It can prevent SQL injection.

5. You do not need to create each product detail page. The system automatically generates it and shows it to customers.
6. You can set a product on sale with sale price. Then user will buy the product paying the sale price. The on sale start and end date can be set in the WordPress admin page. Just click "Edit" button in the product list and set it. You also need to set "is on sale" to "Yes" for the system to use this on sale price and show it on the ecommerce webpage.
7. You can set a product as tax free. Then user will not need to pay the tax for this product. For example, vegetables and raw meat are tax free.
8. You can enable this feature: when customer reserves a product, the stock quantity of this product will be automatically reduced by the customer's reserve quantity. When customer cancels this reservation, the customer's reservation quantity will be added back to the stock quantity of this product in the database. To enable this feature, you must set "ENABLE_PRODUCT_QUANTITY_AUTO_DEDUCT" to "1" in the setting table.
9. You can let customers reserve on your website and then go to your store to pay and pick up. Sometimes, you do not want some users to reserve on your ecommerce website. You just need to go to the setting table and set RESERVE_NEED_ADMIN_APPROVE to 1. Then a user account needs admin's approval to reserve products on your website. You can approve the user in WordPress admin plugin setting page, tab Tables 1, 5.2 User list.
10. Mobile responsive. Users can buy your products from tablets and cellphones by accessing your ecommerce website.
11. It can be used for any WordPress themes. It has its own menu and CSS file. It only needs one single URL to show an ecommerce website to customers. So it can perfectly be integrated into your existing WordPress website.
12. Single Page Application (SPA) design is used for this plugin's ecommerce webpage. Customers can reserve your products online from personal computers, laptops, tablets and cell phones browsers including iPhone Safari and Android Google Chrome. Customers can safely check out products and reserve online. Single Page Application (SPA) design is a popular user-friendly design. Users can click a product to see the details and then come back to the product list page and continue to click another product. Try to reduce the web server's burden. It's more efficient, faster.
13. Since it's a single page design, you do not need to worry about if other plugin's URLs will have the same URLs as our dragon ecommerce reserve plugin. For example,

you do not need to worry if other plugins will have the same product URL as our dragon ecommerce reserve plugin: <https://www.yourwebsite/index.php/products>

14. Easy set up. You add the products and images on the plugin setting page. You can edit every table from the plugin setting page.

15. You charge tax based on your location's tax policy. For example, in Toronto, the tax rate is 13%. Some tax is destination based. Some tax is origin based. You can ask your accountant for the details.

16. We use SMTP, Mailgun, Mailchimp or Twilio SendGrid for sending out emails. You add the values for email in the setting table.

17. In your web server's php.ini, you need to enable these extensions and restart your web server (apache, IIS, Nginx, etc.): curl, fileinfo, zip, mysqli, gd2, openssl, mbstring, exif. Then restart your web server computer.

18. When you upload a file, maybe you cannot open the uploaded file because of the role access. To solve this issue, in php.ini, change the value of upload_tmp_dir to a folder without role access. For example:

```
upload_tmp_dir = "C:\wordpress\wp-content\upgrade"
```

When you upload a file, PHP sends the file to a temporary directory on your server's hard drive (usually C:\Windows\Temp in Windows) and then copies it over to the proper directory. Once the file is initially put in the temporary directory, it gets the permissions of that directory. The problem is when Windows moves that file to the proper place, it keeps the temporary directory's permissions, which can cause access problems.

The way to fix this is to change the temporary directory to a folder within your WordPress installation, usually wp-content/upgrade. If your file is big, you need to change php.ini post_max_size. For example, post_max_size = 40M. Then restart your computer.

19. When you upload product images as a zip file, make sure all the images have the same size (e.g. 800 x 800). If they have different size, there may be some error when showing on the web page. If the zip file is too big, for example, 36MB, server maybe shows error message. For example, if your webhost is IIS, the error message could be "HTTP Error 413.1 - Request Entity Too Large. The request filtering module is configured to deny a request that exceeds the request content length." To fix this, in your web.config file, add this:

```
<system.webServer>
```

```
<security>
```

```

<requestFiltering>
    <!-- The default size is 30000000 bytes (28.6 MB). MaxValue is 4294967295
bytes (4 GB) -->
    <!-- 100 MB in bytes -->
    <requestLimits maxAllowedContentLength="4294967295" />
</requestFiltering>

</security>

</system.webServer>

```

And, in your php.ini file, change this:

upload_max_filesize = 100M


post_max_size = 100M


20. Every customer must log in from the login pop up window to make a reservation. The database keeps user's registration details, and reservation history.



1. Click the top left icon to go to the log in pop up window.

Ecommerce Menu


[Log in](#)



Search:

Category:

Please choose one...

Price range:

0 - 46

SEARCH

RESET

2. Click to log in


21. We email you reservation details every time when your reservation is completed. You can search your email for your past reservations. If you need to see your reservations, log in the ecommerce website and go to admin setting page, click tab


“Tables 1” and find reservation list. You can also go to the database and query the order table.



1. Click the top left icon to go to the log in pop up window.

Ecommerce Menu

 [Log in](#)



Search:

Category:

Price range:

0 - 46

2. Click to log in

22. To prevent hackers, use https for your website. Do not use http for your website because hackers can get your website activity information. Plus, remove the username "admin" because it can be easily hacked by hackers. Use a difficult to guess username and password to log in your Wordpress admin page. For example, username is b7v1P3T5y9W4C8Q2xk31u0, password is Z3u1T\$9e5N2w3!L8S6X7!a9P0q7V3. Save username and password separately to different email address. You can also take two pictures of the username and password separately and save to your computer and cellphone. Here is an example about how to create a new administrator user.
<https://www.inmotionhosting.com/support/edu/wordpress/change-wordpress-admin-username-for-security/>

23. For this plugin's programmers: if possible, cookies should be set as HTTPOnly and samesite=strict. This can prevent CSRF attack. Each form has own different WordPress nonce. Backend will validate if the nonce is correct. This can prevent hackers.

24. The ecommerce landing page has cookie statement and let users to click "Accept" button. Users can choose not to use Google Analytics. The user registration pop up window has the privacy, terms and conditions for customers to check it to agree with the privacy and terms.

25. Only users with “dragonecommercereservecustomer” role can do the ecommerce reservation. The “administrator” role users can NOT make the ecommerce reservation.

This is for preventing other plugin's created administrator role user from doing this ecommerce website's reservation.

26. WordPress' own admin users maybe cannot log on this dragon ecommerce website from dragon ecommerce's log in page. Because in dragon ecommerce, password should only contain 0-9, a-z, A-Z, special characters such as !@#*()\$%^&. But WordPress's admin's password could contain other special characters.

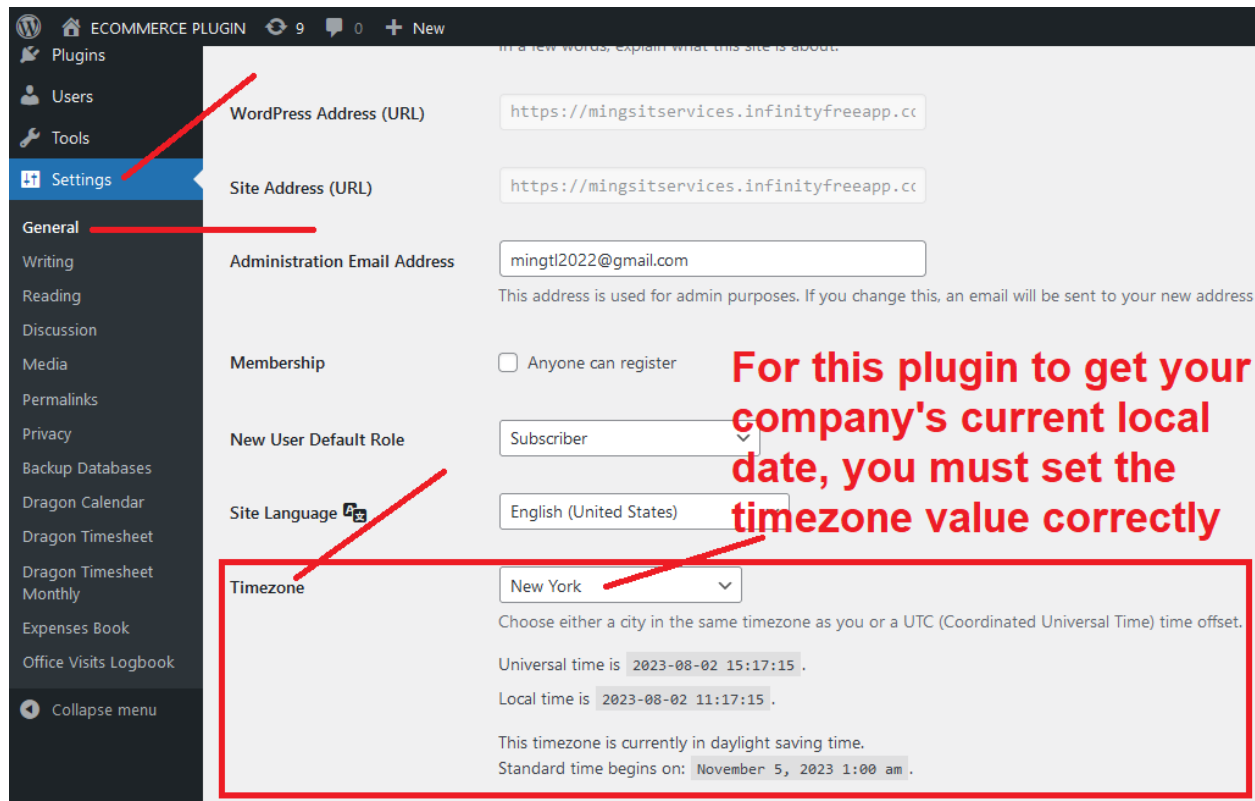
27. For your WordPress website's safety, please do not use "admin" as your administrator's username anymore. You can log on your WordPress website and go to user page, rename the admin username to other username for example, jprose2020#nice

28. In the setting table, the value for GROUP_CATEGORY_ID_FOR_CUSTOMER_CHOOSE_PRODUCT_DETAILS, GROUP_CATEGORY_ID_FOR_ORDER_SHIPPING_DETAILS, GROUP_CATEGORY_ID_FOR_ORDER_HANDLING_DETAILS, GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS is based on your groupcategory table's IDs for productdetailsforcustomertochoose, ordershippingdetailsforcustomertochoose, orderhandlingdetailsforcustomertochoose, ordertaxdetailsforcustomertochoose. After you install this plugin, you need to double check if these values in the setting table match the IDs in the groupcategory table.

29. If you want that users need your approval to reserve on your ecommerce website, go to setting table and set "RESERVE_NEED_ADMIN_APPROVE" to 1. Then go to admin page, plugin setting page, tab Tables 1, 5.2 User list to approve the user. If the user is not approved, the user cannot reserve on your ecommerce website.

30. Before you start to sell products, you need to do the following:

For this plugin to get your company's current local date, you must set the timezone value correctly. You can edit the timezone at Dashboard -> Settings -> General -> Timezone -> check if the value has been set correctly.



30.1. **setting table, double check all the names and values if they are correct. Some of these values are the id in another table. You need to go to another table to find that id and that id's name to check if it's the correct id.**

COMPANY_NAME - your company name, it will show on the footer of the ecommerce landing page.

COMPANY_ADDRESS - your company address, it will show on the footer of the ecommerce landing page.

GROUP_CATEGORY_ID_FOR_CUSTOMER_CHOOSE_PRODUCT_DETAILS

GROUP_CATEGORY_ID_FOR_ORDER_SHIPPING_DETAILS

GROUP_CATEGORY_ID_FOR_ORDER_HANDLING_DETAILS

GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS

GROUP_CATEGORY_ID_FOR_PREORDER_AND_STORE_BUYPICKUP_DETAILS

GROUP_CATEGORY_ID_FOR_DISCOUNT

GROUP_CATEGORY_ID_FOR_COUPON

CURRENCY_UNIT_ID_DEFAULT
DISTANCE_UNIT_ID_DEFAULT
WEIGHT_UNIT_ID_DEFAULT
MAX_PROMOTION_PER_ORDER
MAX_DISCOUNT_PER_ORDER
MAX_COUPON_PER_ORDER
EMAIL_METHOD
GROUP_ID_FOR_ORDER_SHIPPING_DETAILS
GROUP_ID_FOR_ORDER_HANDLING_DETAILS
ENABLE_SHIPPING_CHARGE
ENABLE_HANDLING_CHARGE
AMOUNT_PER_PAGE
MAILGUN_APIKEY
MAILGUN_DOMAIN
MAILGUN_API_URL
MAILGUN_FROMNAME
MAILCHIMP_APIKEY
MAILCHIMP_API_URL
MAILCHIMP_FROMEMAIL
MAILCHIMP_FROMNAME
SENDGRID_APIKEY
SENDGRID_API_URL
SENDGRID_FROMEMAIL
SENDGRID_FROMNAME
RESERVE_NEED_ADMIN_APPROVE - default 0

COMPANY_TIMEZONE_HOURS

ENABLE_PRODUCT_QUANTITY_AUTO_DEDUCT - default 0

USE_GOOGLE_ANALYTICS

GOOGLE_ANALYTICS_MEASUREMENT_ID

USE_GOOGLE_RECAPTCHA

GOOGLE_RECAPTCHA_SITEKEY

DESKTOP_PRODUCT_IMAGE_SIZE

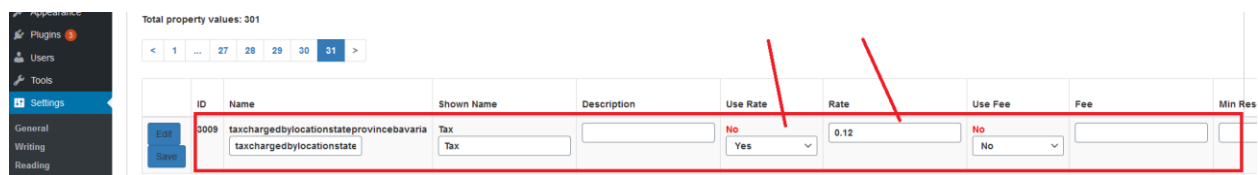
TABLET_PRODUCT_IMAGE_SIZE

CELLPHONE_PRODUCT_IMAGE_SIZE

30.2. In the setting table, if you set the GROUP_ID_FOR_ORDER_SHIPPING_DETAILS to shippingchargedbylocation, you need to set up shipping fee for each province/state. You can go to tab Tables 2, shipping list, search name by entering the province/state name, find it and edit the rate/fee.

30.3. In the setting table, if you set the PROPERTY_ID_FOR_ORDER_HANDLING_DETAILS to handlingchargedbylocation, you need to set up handling fee for each province/state. You can go to tab Tables 2, handling list, search name by entering the province/state name, find it and edit the rate/fee.

30.4. Set up tax rate for each province/state. You can go to tab Tables 2, tax list, search name by entering the province/state name, find it and edit the tax rate. **You need to edit these rules column values such as fee, rate, usefee, userate, tocountryid, tostateprovinceid, start, end, minordersubtotal. Start and end date are UTC date and time. If there is no start and end date, just leave it blank.** If you do not know what UTC is, google "UTC date time". You can easily set the status to 0 to disable it or manually delete it from the database. If you need to add tax rules for other countries, you need to add it yourself.



ID	Name	Shown Name	Description	Use Rate	Rate	Use Fee	Fee	Min Res
3009	taxchargedbylocationstateprovincebavaria	Tax		No	0.12	No		
	taxchargedbylocationstate	Tax		Yes		No		

Note that tax is ONLY charged by location. So in the group table, there should be only one record for the tax group category. Go to setting table to get the value for GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS. Then go to group category table to find that record. In the group table, there should be only record for this group category. If there are more than one or none, there will be error.

31. When you test the whole ecommerce website, make sure each reservation has the correct subtotal, shipping, handling, tax, total fee, order details (product color, size, etc.), discount, coupon saved into database.

You can go to admin page, tab Tables 1, and check the reservation list for it.

32. Tax is charged after the discount and coupon is applied.

33. For Mailgun email set up, if you get this error message after click "reserve" button:

Curl error: SSL certificate problem: unable to get local issuer certificate' error.

Solution:

Find your website SSL certificate xxx.pem location.

Add the following line to php.ini: (if this is shared hosting and you don't have access to php.ini then you could add this to .user.ini in public_html if you are using herokuapp.com).

If your web server operating system is Linux:

`curl.cainfo="/path/to/downloaded/xxx.pem"`

If your web server operating system is Windows:

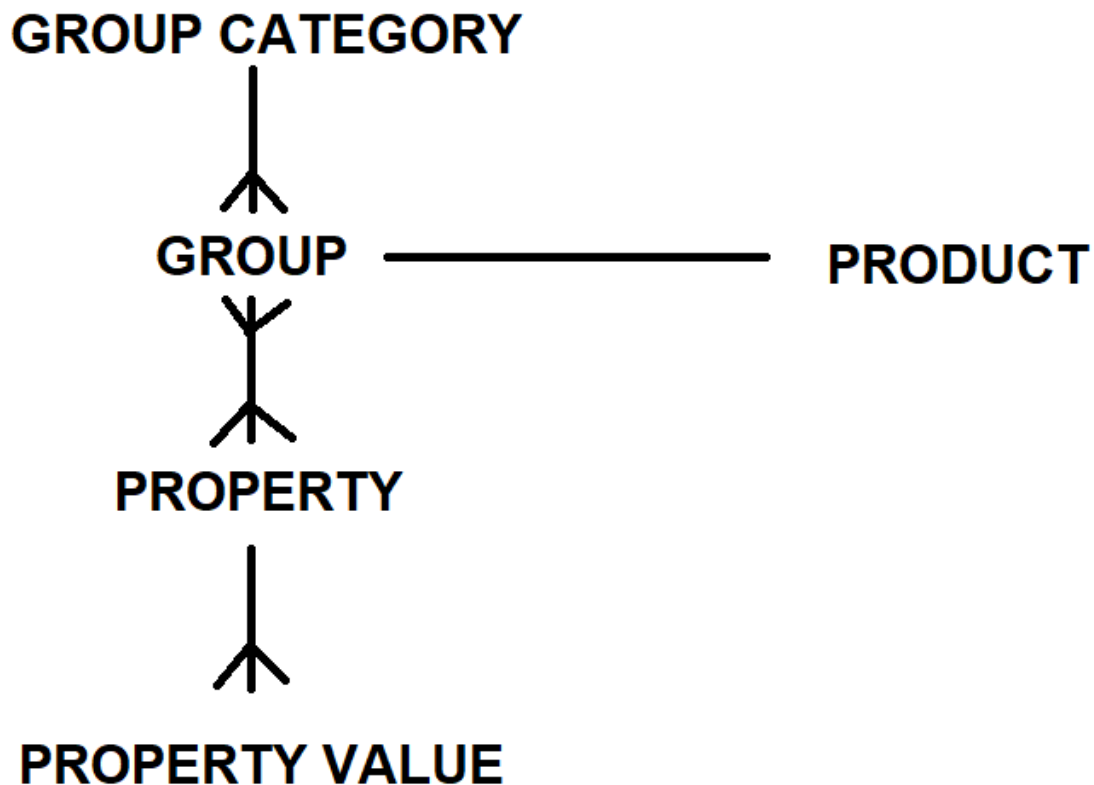
`curl.cainfo="C:\data\xxx.pem"`

34. If you use this plugin to serve as a website for your vendors to reserve online, to avoid hackers attack, set the ecommerce page as draft and private when you do not need your vendors to reserve online. Only set the ecommerce page as public and published when you need your vendors to reserve online.

35. This plugin have the option to automatically backup this MySQL database. Backup files are saved in the folder you specified.

36. Here is the Entity Relationship Diagram (ERD). See the image below. One group category can have many groups. Groups and properties have M-M relationships. One property can have many property values. A product can have one group. A product cannot have more than one group. Group is mainly used for defining a product's many options. For example, pants can have different color, waist size, and length. Property value table has the data for product details, shipping charge methods, handling charge methods, tax charge methods, discount, coupon, etc.

Entity Relationship Diagram (ERD)



37. Tax is a very important part of online ecommerce. In this plugin, tax is charged by location (province/state). In USA, some states have destination based tax, and some other states have origin based tax. In the admin setting page, click tab Tables 2, go to 17 Tax or 20.4 Property value list. You need to update each state's tax rate according to your own business store's location. In USA, every

city/county may have additional local tax. As an online seller, you have the right to make special reductions to some reservation. These special reductions amount could be equal to that local tax. Then, when you report your tax to government or state/province, if you need to report tax to USA government or state/province, you need your accountant to calculate each reservation's state/province tax and local tax, and pay the money to the government or state/province. So, on the plugin's checkout page, we only show "Tax after reduction". This "Tax after reduction" amount is (the state/province tax) + (local tax if any) - (special reduction). As an online seller, you have the right to make special reductions to some reservation. These special reductions amount could be equal to that local tax.

38. **Tax.** In USA, some states do not include shipping for tax. Some other states include shipping for tax. Please ask your accountant about this and go to admin setting page, click tab Tables 2, go to 17 tax to update "Tax Include Shipping" and "Tax Include Shipping" to Yes or No. If you are in another country, you also need to do the same thing.

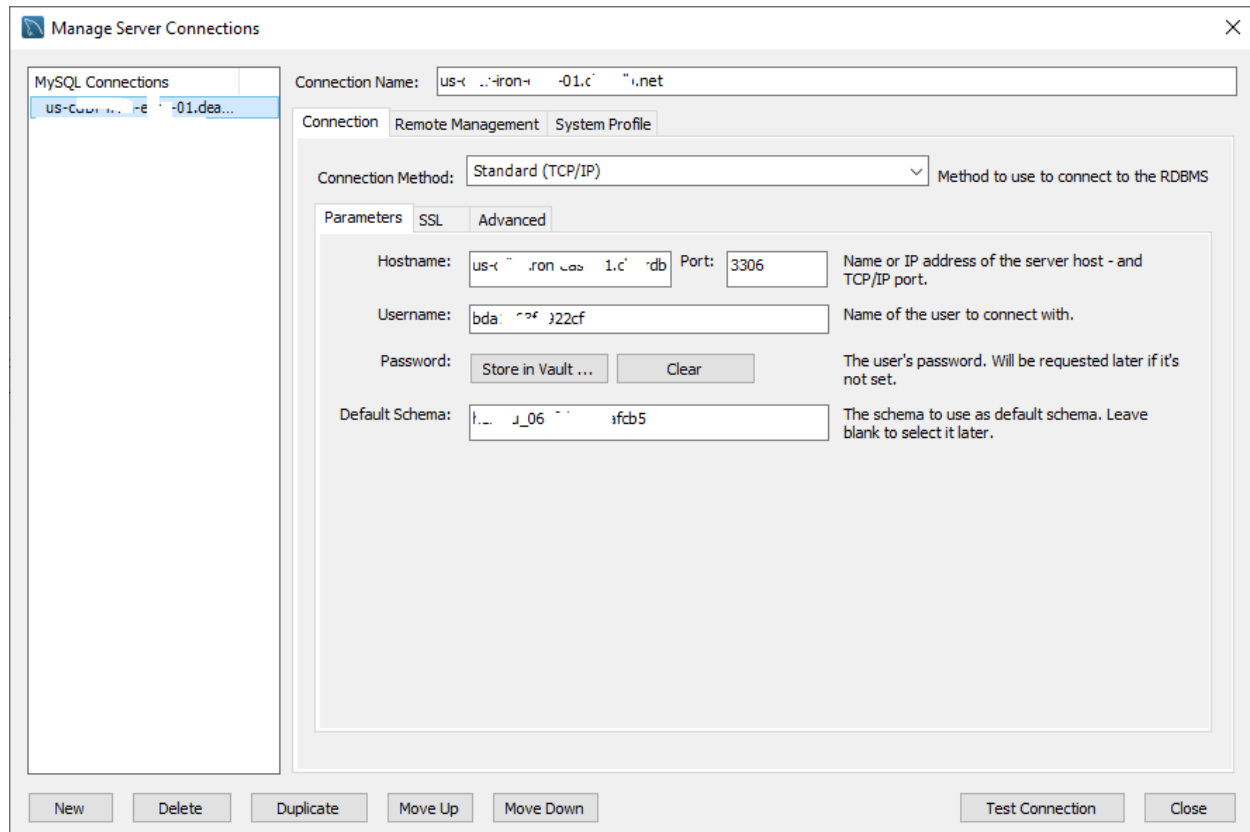
39. You must double check every table in the database to make sure all the data in the tables are correct. It's your responsibility. Also, it's your responsibility to check if discount, coupon, shipping, handling, and tax records in the discount, coupon, shipping, handling, and tax list table for every country's every province/state/region are correct.

After install and activate this plugin, check database if you have 35 stored procedures. If not, deactivate this plugin and activate it again. If it still does not work, you need to remove current stored procedures and run a sql file:

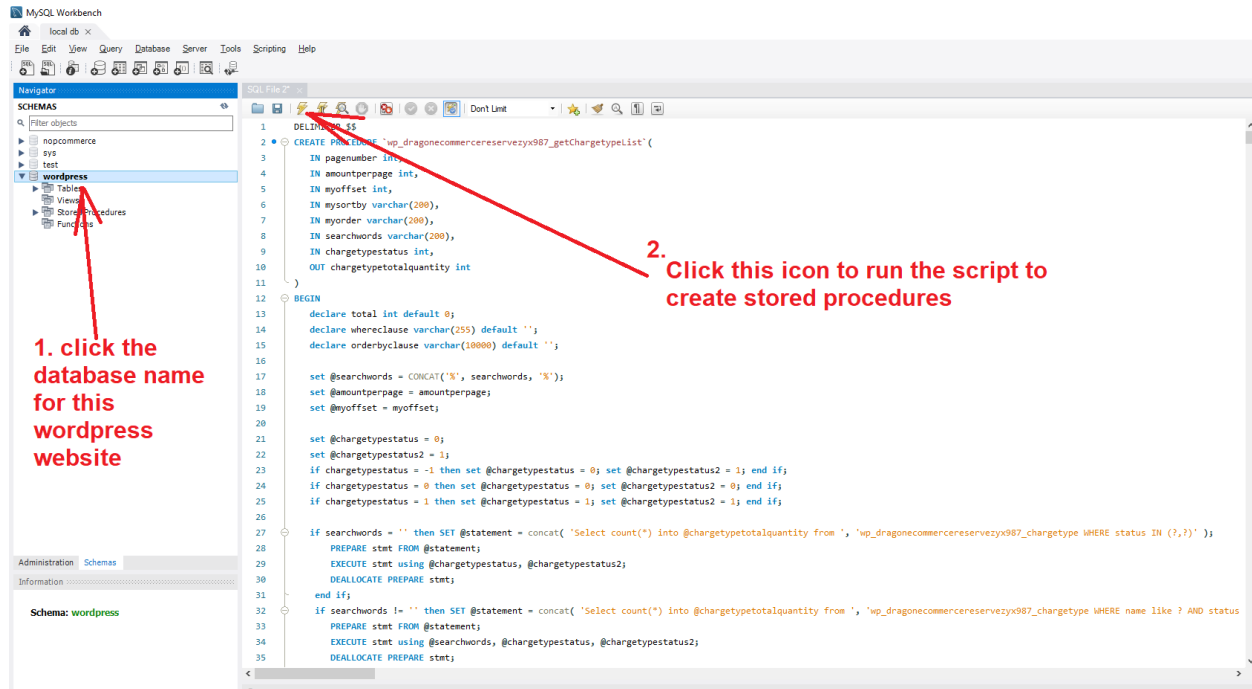
create_stored_procedures.sql. It's used to create stored procedures. It's located at the plugin root folder. You need to run it in a MySQL database software such as MySQL

Workbench, phpMyAdmin, or other software that you can run SQL script to change database. Here is an example to use MySQL Workbench to run this sql file:

1. Download MySQL Workbench from its official website. Google “mysql workbench download” and find its official website to download. Then run it on your computer.
2. Open the MySQL Workbench you just installed. Then click “+” to add a new connection. Enter database hostname, port, username, and password. Then click “test connection”. If it works, you can connect with the database. See the image below.



3. Connect with the database. Click the database name on the left menu. Then click top left icon “+” to add a new SQL tab for executing queries. Copy all the script in the create_stored_procedures.sql and paste it into the tab. Click execute icon on the top to run the script. If it works, it will create many stored procedures in the database for you. Check every stored procedure to see if it looks okay. See the image below.



Then, you need to go to WordPress admin page, setting, dragon ecommerce reserve, Tables 1, 11.2 Group category list. Double check if this group category table is empty. If this table is empty, you need to go to WordPress admin page, “re-create tables” tab, click “Drop group table and related tables (group/property, order/group, product/group bridge table)” to re-create these tables. If you go to the MySQL database, the table name in the database is wp_dragonecommercereservezyx987_group_property.

ATTENTION: Files in this folder and subfolders can be seen by everyone. Your cookie policy file, privacy file, product template file, terms file in this folder are needed and should not be removed. Please remove any other confidential files from this folder:

wordpress\wp-content\plugins\dragonecommercereserve\files

Basic configurations:

1. In your web server's **php.ini** file, you need to uncomment or set these lines:

If your web server's operating system is Linux or Unix, find your WordPress' upgrade folder's location, add it to `upload_tmp_dir`. For example, if upgrade folder location is: `app/wp-content/upgrade`, you update this line as:
`upload_tmp_dir = "/app/wp-content/upgrade"`

If your web server's operating system is Windows, find your WordPress' upgrade folder's location, add it to `upload_tmp_dir`. For example, if upgrade folder location is: `C:\wordpress\wp-content\upgrade`, you update this line as:
`upload_tmp_dir = "C:\wordpress\wp-content\upgrade"`

Then, in `php.ini`, you also need to uncomment or update these lines:

```
upload_max_filesize = 100M
post_max_size = 100M
extension=curl
extension=fileinfo
extension=gd
extension=mbstring
extension=exif
extension=mysqli
extension=openssl
extension=zip
extension=gd2
```

2. Go to WordPress admin setting page. In your **setting table**, you need to set each item's value. Some values are already automatically set for you. You need to double check if these values are correct.

GROUP_CATEGORY_ID_FOR_CUSTOMER_CHOOSE_PRODUCT_DETAILS

This item is not used in free version.

GROUP_CATEGORY_ID_FOR_ORDER_SHIPPING_DETAILS

The above one is to set the group category id for shipping fee. Go to group category table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your group category table. Find the row with name "ordershippingdetailsforcustomertochoose", get its id. Then put this id value to setting table for `GROUP_CATEGORY_ID_FOR_ORDER_SHIPPING_DETAILS`.

GROUP_CATEGORY_ID_FOR_ORDER_HANDLING_DETAILS

The above one is to set the group category id for handling fee. Go to group category table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your group category table. Find the row with name "orderhandlingdetailsforcustomertochoose", get its id. Then put this id value to setting table for

GROUP_CATEGORY_ID_FOR_ORDER_HANDLING_DETAILS.

GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS

The above one is to set the group category id for tax. Go to group category table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your group category table. Find the row with name "ordertaxdetailsforcustomertochoose", get its id. Then put this id value to setting table for GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS.

GROUP_CATEGORY_ID_FOR_PREORDER_AND_STORE_BUY_PICKUP_DETAILS

The above one is to set the group category id for pre-order and go to store to buy and pick up. Go to group category table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your group category table. Find the row with name "preorderandgotostoretobuyandpickup", get its id. Then put this id value to setting table for

GROUP_CATEGORY_ID_FOR_PREORDER_AND_STORE_BUY_PICKUP_DETAILS.

GROUP_CATEGORY_ID_FOR_DISCOUNT

The above one is to set the group category id for discount. Go to group category table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your group category table. Find the row with name "discount", get its id. Then put this id value to setting table for

GROUP_CATEGORY_ID_FOR_DISCOUNT.

GROUP_CATEGORY_ID_FOR_COUPON

The above one is to set the group category id for coupon. Go to group category table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your group category table. Find the row with name "coupon", get its id. Then put this id value to setting table for

GROUP_CATEGORY_ID_FOR_COUPON.

CURRENCY_UNIT_ID_DEFAULT

The above one is to set the currency id for currency. Go to currency table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your currency table. If you want to set the currency to USA Dollar, find the row with name "USD", get its id. Then put this id value to setting table for CURRENCY_UNIT_ID_DEFAULT.

DISTANCE_UNIT_ID_DEFAULT

The above one is to set the distance id for distance. Go to distance table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your distance table. If you want to set the distance to mile, find the row with name "mile", get its id. Then put this id value to setting table for DISTANCE_UNIT_ID_DEFAULT.

WEIGHT_UNIT_ID_DEFAULT

The above one is to set the weight id for weight. Go to weight table list in WordPress admin page, find the one's id. Usually this plugin already added some rows into your weight table. If you want to set the weight to pound, find the row with name "pound", get its id. Then put this id value to setting table for WEIGHT_UNIT_ID_DEFAULT.

MAX_PROMOTION_PER_ORDER

The above one is to set the maximum promotion (discount and coupon) that a reservation can have. "-1" means one reservation can have unlimited promotion (discount and coupon). "0" means one reservation can NOT have promotion (discount and coupon). If you want one reservation to have at least one promotion, you must set the value to be bigger than 0.

MAX_DISCOUNT_PER_ORDER

The above one is to set the maximum discount that a reservation can have. "-1" means one reservation can have unlimited discount. "0" means one reservation can NOT have discount. If you want one reservation to have at least one discount, you must set the value to be bigger than 0.

MAX_COUPON_PER_ORDER

The above one is to set the maximum coupon that a reservation can have. "-1" means one reservation can have unlimited coupon. "0" means one reservation

can NOT have coupon. If you want one reservation to have at least one coupon, you must set the value to be bigger than 0.

WARN_PRODUCT_QUANTITY

The above one is to set the quantity for product warning. When the product quantity is less than this quantity, there will be an alert. This feature has not been implemented yet.

AMOUNT_PER_PAGE

The above one is to set the amount of product for each page on the ecommerce web page. Default is 40. You can change it if you want.

PRODUCT_PER_ROW_LARGE

The above one is to set the amount of product for each row on the ecommerce web page. It's for responsive page. It's for desktop monitor, laptop monitor and extra wide monitor. Default is 4.

PRODUCT_PER_ROW_MEDIUM

The above one is to set the amount of product for each row on the ecommerce web page. It's for responsive page. It's for iPad screen. Default is 4.

PRODUCT_PER_ROW_SMALL

The above one is to set the amount of product for each row on the ecommerce web page. It's for responsive page. It's for cellphone screen. Default is 2.

PRODUCT_PER_ROW_EXTRA_SMALL

The above one is to set the amount of product for each row on the ecommerce web page. It's for responsive page. It's for cellphone screen. Default is 2.

EMAIL_METHOD

The above one is to set the email method. You need to send out emails when customers make a reservation. You may need to send out emails in other situations. Default value is 1, which is WordPress Email. If you already set up your email by using WordPress, then it's done. If not, you need to set up your

WordPress email. Go to email method table, you will find some rows are already added to the table. You can also choose Mailgun, Mailchimp or SendGrid. These third party email providers are easy to use. They may charge a price. For example, if you choose to use Mailgun, go to email method table and find the ID for Mailgun, then set the value as the ID value.

ENABLE_HANDLING_CHARGE

The above one is to enable or disable the handling charge. Some ecommerce companies charge customers for handling fees. If that's the case for you, then you need to set the value to 1. If not, set the value to 0. The default value is 0.

GROUP_ID_FOR_ORDER_SHIPPING_DETAILS

The above one is to set the shipping details. Shipping can be charged by time, location, subtotal, weight together with subtotal, distance, or fixed fees. If you want, you can create new charge method in the group table. The default charge shipping method is "shippingchargedbytime". The value of GROUP_ID_FOR_ORDER_SHIPPING_DETAILS is set by the id of "shippingchargedbytime" in the group table. You can change the value if you want.

GROUP_ID_FOR_ORDER_HANDLING_DETAILS

The above one is to set the handling details. Handling can be charged by time, location, subtotal, weight together with subtotal, distance, or fixed fees. If you want, you can create new charge method in the group table. The default charge handling method is "handlingchargedbytime". The value of GROUP_ID_FOR_ORDER_HANDLING_DETAILS is set by the id of "handlingchargedbytime" in the group table. You can change the value if you want.

ENABLE_SHIPPING_CHARGE

The above one is to enable or disable the shipping charge. Some ecommerce companies charge customers for shipping fees. If that's the case for you, then you need to set the value to 1. If not, set the value to 0. Most of the time, the value should be set to 1. The default value is 1.

PRODUCT_IMAGE_SIZE

The above one is to set product image size. In admin page, when admin upload product images, PHP code will process the original images. PHP code will resize the product images with the ratio. The default value is 800.

COMPANY_NAME

This above one is to set company name and show it on the footer of the ecommerce web page.

COMPANY_ADDRESS

This above one is to set company address and show it on the footer of the ecommerce web page.

RESERVE_NEED_ADMIN_APPROVE

This above one is to set if a customer's reservation needs admin's approval. Default value is 0. If you want to control which customer can reserve on your ecommerce website, you can set this value to 1. Then in the WordPress admin page, go to user list table to approve/disapprove a user. If a user is not approved by admin, then the user cannot reserve on your ecommerce website.

ENABLE_PRODUCT_QUANTITY_AUTO_DEDUCT

The above one is to enable or disable product quantity automatically deduct. Some sellers want the plugin to automatically deduct the product quantity in the database if a customer makes a reservation to that product. If the customer cancels the reservation to that product, the quantity will be added back to the database. The default value is 0.

COMPANY_TIMEZONE_HOURS

The above one is to set the company's time zone hours. Default value is "-05:00". You need to manually set COMPANY_TIMEZONE_HOURS for the daylight savings time. For example, if your time zone is 'America/New_York', and without daylight savings time, your COMPANY_TIMEZONE_HOURS would be '-05:00'. For the plugin to consider the daylight savings time, you need to manually change COMPANY_TIMEZONE_HOURS to '-04:00'. COMPANY_TIMEZONE_HOURS is mainly used for the Charts in the admin

setting page. In admin setting page's tables, the date time values are mostly UTC time. You need to calculate the UTC time based on your own time zone.

MAILGUN_APIKEY

The above one is for the Mailgun email API key. If you choose Mailgun as your email method, you need to set up Mailgun parameters. You need to register on Mailgun website to get a free account. You can find this value in your mailgun account on the mailgun website.

MAILGUN_DOMAIN

The above one is for the Mailgun email domain. If you choose Mailgun as your email method, you need to set up Mailgun parameters. You need to register on Mailgun website to get a free account. You can find this value in your mailgun account on the mailgun website.

MAILGUN_API_URL

The above one is for the Mailgun email API URL. If you choose Mailgun as your email method, you need to set up Mailgun parameters. You need to register on Mailgun website to get a free account. You can find this value in your mailgun account on the mailgun website. The default value is <https://api.mailgun.net/v3/>.

MAILGUN_FROMNAME

The above one is for the Mailgun email title "from name". You can set your company name as the value. If you choose Mailgun as your email method, you need to set up Mailgun parameters. You need to register on Mailgun website to get a free account.

MAILCHIMP_APIKEY

The above one is for the Mailchimp email API key. If you choose Mailchimp as your email method, you need to set up Mailchimp parameters. You can find this value in your Mailchimp account on the Mailchimp website. You need to register on Mailchimp website to get a free account. Note that Mailchimp may need you to buy their service to send out email.

MAILCHIMP_API_URL

The above one is for the Mailchimp email API URL. If you choose Mailchimp as your email method, you need to set up Mailchimp parameters. You can find this value in your Mailchimp account on the Mailchimp website. You need to register on Mailchimp website to get a free account. Note that Mailchimp may need you to buy their service to send out email. The default value is “https://mandrillapp.com/api/1.0/messages/send”.

MAILCHIMP_FROMEMAIL

The above one is for the Mailchimp email from email address. If you choose Mailchimp as your email method, you need to set up Mailchimp parameters. You can find this value in your Mailchimp account on the Mailchimp website. You need to register on Mailchimp website to get a free account. Note that Mailchimp may need you to buy their service to send out email. Mailchimp needs you to set up a real domain name with some settings. You need to buy a domain from some domain service website such as godaddy.com. Gmail.com or yahoo.com may not work as a from email address.

MAILCHIMP_FROMNAME

The above one is for the Mailchimp email title “from name”. You can set your company name as the value. If you choose Mailchimp as your email method, you need to set up Mailchimp parameters. You need to register on Mailchimp website to get a free account. Note that Mailchimp may need you to buy their service to send out email.

SENDGRID_APIKEY

The above one is for the Twilio SendGrid email API key. If you choose SendGrid as your email method, you need to set up SendGrid parameters. You can find this value in your SendGrid account on the SendGrid website. You need to register on SendGrid website to get a free account. Note that SendGrid may verify your name, domain name, and company name.

SENDGRID_API_URL

The above one is for the Twilio SendGrid email API URL. If you choose SendGrid as your email method, you need to set up SendGrid parameters. You can find this value in your SendGrid account on the SendGrid website. You need to

register on SendGrid website to get a free account. Note that SendGrid may verify your name, domain name, and company name. The default value is "https://api.sendgrid.com/v3/mail/send".

SENDGRID_FROMEMAIL

The above one is for the Twilio SendGrid email from email address. If you choose SendGrid as your email method, you need to set up SendGrid parameters. You can find this value in your SendGrid account on the SendGrid website. You need to register on SendGrid website to get a free account. Note that SendGrid may verify your name, domain name, and company name. SendGrid needs you to set up a real domain name with some settings. You need to buy a domain from some domain service website such as godaddy.com. Gmail.com or yahoo.com may not work as a from email address.

SENDGRID_FROMNAME

The above one is for the Twilio SendGrid email title "from name". You can set your company name as the value. If you choose SendGrid as your email method, you need to set up SendGrid parameters. You need to register on SendGrid website to get a free account. Note that SendGrid may verify your name, domain name, and company name.

USE_GOOGLE_ANALYTICS

The above one is for using Google analytics on your e-commerce website. Then you can check how many visitors every day and where they are from. The default value is '0'. To use Google analytics, you need to set this value to '1'.

GOOGLE_ANALYTICS_MEASUREMENT_ID

The above one is for Google analytics measurement ID. For example, G-298CWAB8K1. You can find this value in your Google analytics account.

USE_GOOGLE_RECAPTCHA

The above one is for using Google recaptcha on your e-commerce check out. This can prevent bot input. The default value is '0'. To use Google recaptcha, you need to set this value to '1'.

GOOGLE_RECAPTCHA_SITEKEY

The above one is for Google recaptcha site key. For example, 6LcKkyscABCDEF-GH66kF88lmnP9QRsTUvw9IX4Y. You can find this value in your Google recaptcha account.

DESKTOP_PRODUCT_IMAGE_SIZE

On the ecommerce landing page, if you find out the desktop monitor's product image ratio is not correct, you can change the height of the image by changing this one's value. The above one is for ecommerce landing page, desktop monitor's product image size. It's for the height of HTML element `div#dragonecommerce_wrap div#dragonecommerce_product > div div.product-details-container`. The default value is '300'. It can be set as a decimal such as '350.75'. The width of the HTML element `div#dragonecommerce_wrap div#dragonecommerce_product > div div.product-details-container` is already set by the software.

TABLET_PRODUCT_IMAGE_SIZE

On the ecommerce landing page, if you find out the tablet's product image ratio is not correct, you can change the height of the image by changing this one's value. The above one is for ecommerce landing page, tablet's product image size. It's for the height of HTML element `div#dragonecommerce_wrap div#dragonecommerce_product > div div.product-details-container`. The default value is '300'. It can be set as a decimal such as '350.75'. The width of the HTML element `div#dragonecommerce_wrap div#dragonecommerce_product > div div.product-details-container` is already set by the software.

CELLPHONE_PRODUCT_IMAGE_SIZE

On the ecommerce landing page, if you find out the cellphone's product image ratio is not correct, you can change the height of the image by changing this one's value. The above one is for ecommerce landing page, cellphone's product image size. It's for the height of HTML element `div#dragonecommerce_wrap div#dragonecommerce_product > div div.product-details-container`. The default value is '200'. It can be set as a decimal such as '250.75'. The width of the HTML element `div#dragonecommerce_wrap div#dragonecommerce_product > div div.product-details-container` is already set by the software.

3. Go to WordPress admin page. Actually, shipping, handling, tax, discount and coupon all belong to propertyvalue table. We show shipping list, handling list, tax list, discount list, and coupon list separately just for your convenience.
4. Here is the calculation method for discount money, coupon money, and tax money.

Discount and coupon are not for shipping fee and handling fee.

Tax is charged after discount and coupon are applied.

When that tax rule's taxincludeshipping is set to 1, then tax will include shipping if setting table's ENABLE_SHIPPING_CHARGE is set to string value '1'.

When that tax rule's taxincludehandling is set to 1, then tax will include handling if setting table's ENABLE_HANDLING_CHARGE is set to string value '1'.

You can set a tax rule's taxincludeshipping, taxincludehandling in the tax listing in the WordPress admin page. If you know SQL, you can directly go to database and change it in the propertyvalue table.

If a product is tax free, then it will not be included for tax calculation.

5. You need to configure your own **shipping** fee and **handling** fee rules. We have added some sample shipping fee and handling fee rules in propertyvalue table. You need to edit these rule's column values such as fee, rate, usefee, userate, start,end, minordersubtotal. Start and end date are UTC date and time. If there is no start and end date, just leave it blank. If you do not know what UTC is, google "UTC date time". You can also set the status to 0 to disable it or manually delete it from the database.

You can charge shipping fee, handling fee by a lot of ways. For example, you can charge it by time. This is the default. You can also charge by location (e.g. by shipping destination's province/state), by subtotal, by distance, etc. You can create a new one in the chargetype table. If you want to charge shipping fee and handling fee by location (e.g. by shipping destination's province/state), you can change setting table's GROUP_ID_FOR_ORDER_SHIPPING_DETAILS and GROUP_ID_FOR_ORDER_HANDLING_DETAILS. They are the group id for

charge shipping fee and handling fee. Go to group table and find these 2 records by using the group ids. For example, see the image below:

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Dragon Ecommerce Reserve

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12.2 Group list

Search Group Name:

Search Group Category Name:

Search Group Status: Please choose one...

Search

Reset

Items per Page: 40

Sort By: Please choose one...

Tax is charged by location(province/state). There should be only one tax rule in this group table. If there is no tax rule or more than one tax rule, there will be error.

Total groups: 21

< 1 >

ID	Name	Description	Group Category(ID)	Priority	Searchable	For All Products	Created Date(UTC)	Status
1	waistlengthcolor_pants	This pants group has waist, length and color for customers to choose from.	productdetailsforcustomertochoose(1)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
2	topping_pizza	This pizza group has toppings for customers to choose from.	productdetailsforcustomertochoose(1)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
3	sizecolor_tshirt	This t-shirt group has size and color for customers to choose from.	productdetailsforcustomertochoose(1)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
4	shippingchargedbyfixedfees	Shipping fee is the same for all the shipment.	ordershippingdetailsforcustomertochoose(2)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
5	shippingchargedbytime	Shipping is charged by time.	ordershippingdetailsforcustomertochoose(2)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
6	shippingchargedbylocation	Shipping is charged by location.	ordershippingdetailsforcustomertochoose(2)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
7	shippingchargedbysubtotal	Shipping is charged by subtotal.	ordershippingdetailsforcustomertochoose(2)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
8	shippingchargedbyweightandsubtotal	Shipping is charged by weight and subtotal.	ordershippingdetailsforcustomertochoose(2)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
9	shippingchargedbydistance	Shipping is charged by distance.	ordershippingdetailsforcustomertochoose(2)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
10	handlingchargedbyfixedfees	Handling fee is the same for all the shipment.	orderhandlingdetailsforcustomertochoose(3)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
11	handlingchargedbytime	Handling is charged by time.	orderhandlingdetailsforcustomertochoose(3)		Yes	Yes	2021-06-20 18:13:28	ACTIVE
12	handlingchargedbylocation	Handling is charged by location.	orderhandlingdetailsforcustomertochoose(3)		Yes	Yes	2021-06-20 18:13:29	ACTIVE
13	handlingchargedbysubtotal	Handling is charged by subtotal.	orderhandlingdetailsforcustomertochoose(3)		Yes	Yes	2021-06-20 18:13:29	ACTIVE
14	handlingchargedbyweightandsubtotal	Handling is charged by weight and subtotal.	orderhandlingdetailsforcustomertochoose(3)		Yes	Yes	2021-06-20 18:13:29	ACTIVE
15	handlingchargedbydistance	Handling is charged by distance.	orderhandlingdetailsforcustomertochoose(3)		Yes	Yes	2021-06-20 18:13:29	ACTIVE

These 2 charged by location(province/state)

These 2 charged by time

Group id 5 and 11 are shipping fee charge by time and handling fee charge by time. Group id 6 and 12 are shipping fee charge by location and handling fee charge by location. If you want to charge shipping fee and handling fee by location (e.g. by shipping destination's province/state), you need to change the values in the setting table for GROUP_ID_FOR_ORDER_SHIPPING_DETAILS and GROUP_ID_FOR_ORDER_HANDLING_DETAILS from 5, 11 to 6,12.

ADDRESS:

Name	
test test	
Email	Phone
test@gmail.com	1238797766
Address	
1 big road	
Address 2	
Address 2	
Country/Region	State/Province
USA	California
City	ZIP
Los Angeles	90246

ORDER SUMMARY:	
Subtotal	USD77.70
Discount (rate)	0.90
Shipping	USD
Handling (5-10 Business Days)	USD

If you choose to charge by location, in the `propertyvalue` table, you must create a record for each province/state, even if the shipping fee, handling fee or tax is 0 for that province/state. For example, we create a property value for Germany's Bavaria state. In `propertyvalue` table, we need to add 3 records: shipping, handling and tax for this Bavaria state. See the images below.

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Dragon Calendar Free Version

Dragon Commerce

Dragon Commerce 2

Dragon Commerce

Total Property values: 301

<	1	...	27	28	29	30	31	>	
	ID	Name	Shown Name	Description	Use Rate	Rate	Use Fee	Fee	M
Edit	2909	33	33		No		No		
Edit	2919	34	34		No		No		
Edit	2929	35	35		No		No		
Edit	2939	36	36		No		No		
Edit	2949	white	white		No		No		
Edit	2959	light blue	light blue		No		No		
Edit	2969	dark blue	dark blue		No		No		
Edit	2979	black	black		No		No		
Edit	2989	shippingchargedbylocationstateprovincebavaria	Shipping to Bavaria	<input type="text"/>	No	<input type="text"/>	Yes	25.00	
Save		shippingchargedbylocation	Shipping to Bavaria	<input type="text"/>	No	<input type="text"/>	Yes	25.00	
Edit	2999	handlingchargedbylocationstateprovincebavaria	Handling to Bavaria		Yes	0.12	No		

From Country	From State/Province	To Country	To State/Province	priority	Property Name	Created Date(UTC)	Status
					length_jeans	2021-09-17 03:06:31	ACTIVE
					length_jeans	2021-09-17 03:06:47	ACTIVE
					length_jeans	2021-09-17 03:07:01	ACTIVE
					length_jeans	2021-09-17 03:07:18	ACTIVE
					color_jeans	2021-09-17 03:07:52	ACTIVE
					color_jeans	2021-09-17 03:08:16	ACTIVE
					color_jeans	2021-09-17 03:08:35	ACTIVE
					color_jeans	2021-09-17 03:08:55	ACTIVE
					shippingchargedbylocation	2021-09-17 23:17:29	ACTIVE
					shippingchargedbylocation	2021-09-18 23:17:29	Active
					handlingchargedbylocation	2021-09-18 23:24:20	ACTIVE

Handling is the same. So the image is ignored. Below is the tax for Bavaria.

ID	Name	Shown Name	Description	Use Rate	Rate	Use Fee	Fee	Min Res
2009	taxchargedbylocationstateprovincebavaria	Tax		No	0.12	No		
	taxchargedbylocationstate	Tax		Yes		No		

From Country	From State/Province	To Country	To State/Province	priority	Property Name	Created Date(UTC)	Status
					taxchargedbylocation	2021-09-18 23:27:42	ACTIVE
					taxchargedbylocation	2021-09-18 23:27:42	Active

USA and Canada are already added for “charge by location”. You need to edit it for the userate, usefee, rate and fee.

You can also create your own charge method. Just follow the way chargebytime or chargebylocation is created, you will easily create a new charge method.

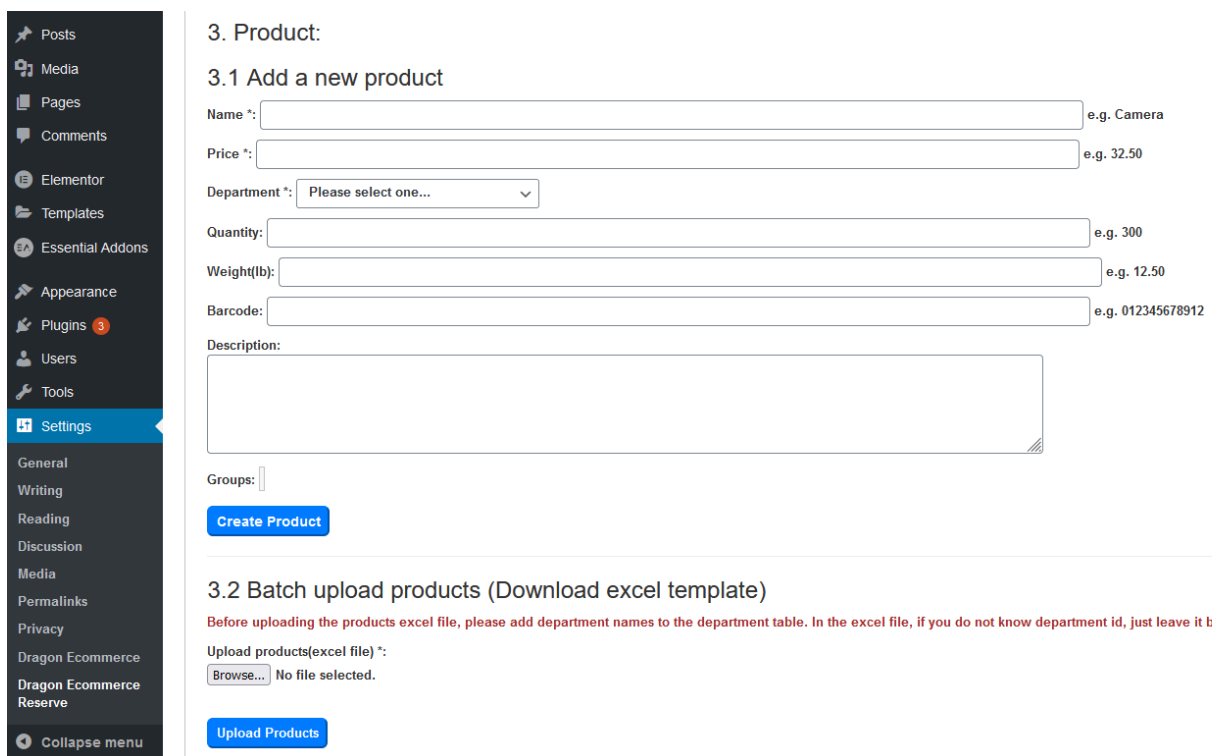
- You need to configure your own **tax** rules. Most of the time, tax is charged by province/state. So you can ask your accountant for each state/province's tax rate and update it in the tax list in WordPress admin page. We have added the provinces and states in USA and Canada in the database for you. **You need to edit these rule's column values such as fee, rate, usefee, userate, tocountryid, tostateprovinceid, start,end, minordersubtotal. Start and end date are UTC date and time. If there is no start and end date, just leave it blank.** If you do not know what UTC is, google “UTC date time”. You can easily set the status to 0 to disable it or manually delete it from the database. If you need to add tax rules for other countries, you need to add it yourself.
- You also need to configure your own **discount** and **coupon** rules. We have added several discount and coupon examples in the database for you. You need

to edit these rule's column values such as fee, rate, usefee, userate, start,end, minordersubtotal. Start and end date are UTC date and time. If there is no start and end date, just leave it blank. If you do not know what UTC is, google "UTC date time". You can easily set the status to 0 to disable it or manually delete it from the database.

Examples:

1. Create a product on sale with sale price.

1.1 First, in admin setting page, click tab Tables 1, go to 3 Product. Create a product by filling the form or import an excel file.



3. Product:

3.1 Add a new product

Name *: e.g. Camera

Price *: e.g. 32.50

Department *:

Quantity: e.g. 300

Weight(lb): e.g. 12.50

Barcode: e.g. 012345678912

Description:

Groups:

[Create Product](#)

3.2 Batch upload products (Download excel template)

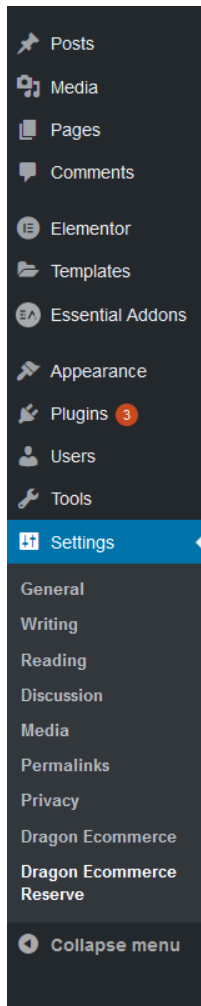
Before uploading the products excel file, please add department names to the department table. In the excel file, if you do not know department id, just leave it blank.

Upload products(excel file) *:

No file selected.

[Upload Products](#)

1.2 In admin setting page, click tab Tables 1, and go to 3.3 Product list, click the "Edit" button in the front of the row you want to edit. You will see a pop up window. Set sale price and choose "Yes" for "Is On Sale". Click "Update Product" button to save it to database. You must set "Is On Sale" to "Yes" to make the sale price shown on the e-commerce web page.



3.3 Product list

Search Name:

Search Department:

Search Barcode:

Search Min Price:

Search Max Price:

Search Created From Date (UTC Time):

Search Created To Date (UTC Time):

Search Is On Sale:

Search Is Tax Free:

Items per Page: Sort By:

Total active products: 119

To use sale price, you must set "Is On Sale" to "Yes".

Click "Edit" button to edit a product

< 1 2 3 4 5 ... 12 >

	ID	name	description	department
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	1	Mary's "awesome" casual pants	Mary's "awesome" casual pants	
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	2	Woody's 32" Pizza	Woody's 32" Pizza	
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	3	Beef	Raw beef. Tax free.	

Edit Product 4: SONY's Jack's TV

Name *: e.g. Camera

Price *: e.g. 32.50

Sale Price *: e.g. 16.50

Is On Sale?:

Is Tax Free?:

On sale start date(UTC): e.g. 2020-01-01 14:00:00

On sale end date(UTC): e.g. 2020-01-01 14:00:00

Quantity: e.g. 50

Original Quantity: e.g. 50

Department *:

Weight(lb): e.g. 12.50

Bar code: e.g. 012345678912

Description:

Groups:

Image File Names:

Upload Product Images (a .zip file of jpeg, jpg, png files)(If there is only one image file, zip it and upload)(Old files will be removed):

No file selected.

☐ Remove all images for the product

Close

You can set the on sale start date and end date. Start and end date are UTC date and time. If you do not set the on sale start date and end date, and you set “is on sale” to “yes” and set an on sale price, then the on sale price will always show on the ecommerce page for customers to reserve. If you do not know what UTC is, google “UTC date time”. You also need to know if your company’s location is using the daylight saving time. Then you can correctly convert your local time to UTC date time.

2. Create a product that is tax free.

Vegetables and raw meat are tax free. Some other products are also tax free. If customers buy these products, these products will not be charged tax.

2.1 First, in admin setting page, click tab Tables 1, and go to 3 Product. Create a product by filling the form or import an excel file.

3. Product:

3.1 Add a new product

Name *: e.g. Camera

Price *: e.g. 32.50

Department *:

Quantity: e.g. 300

Weight(lb): e.g. 12.50

Barcode: e.g. 012345678912

Description:

Groups:

[Create Product](#)

3.2 Batch upload products (Download excel template)

Before uploading the products excel file, please add department names to the department table. In the excel file, if you do not know department id, just leave it blank.

Upload products(excel file) *: No file selected.

[Upload Products](#)

2.2 In admin setting page, click tab Tables 1, and go to 3.3 Product list, click the “Edit” button in the front of the row you want to edit. You will see a pop up window. Choose “Yes” for “Is Tax Free”. Click “Update Product” button to save it to database.

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- Media
- Pages
- Comments
- Elementor
- Templates
- Essential Addons
- Appearance
- Plugins 3
- Users
- Tools
- Settings**
 - General
 - Writing
 - Reading
 - Discussion
 - Media
 - Permalinks
 - Privacy
 - Dragon Ecommerce
 - Dragon Ecommerce Reserve
 - Collapse menu

3.3 Product list

Search Name:

Search Department:

Search Barcode:

Search Min Price:

Search Max Price:

Search Created From Date (UTC Time):

Search Created To Date (UTC Time):

Search Is On Sale:

Search Is Tax Free:

Items per Page: Sort By:

Total active products: 119

To use sale price, you must set "Is On Sale" to "Yes".

Click "Edit" button to edit a product

< **1** 2 3 4 5 ... 12 >

	ID	name	description	department
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	1	Mary's "awesome" casual pants	Mary's "awesome" casual pants	
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	2	Woody's 32" Pizza	Woody's 32" Pizza	
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	3	Beef	Raw beef. Tax free.	

Edit Product 3: Beef

Name *: e.g. Camera

Price *: e.g. 32.50

Sale Price *: e.g. 16.50

Is On Sale?:

Is Tax Free?: **Set it to "Yes" to make this product tax free**

Quantity: e.g. 50

Original Quantity: e.g. 50

Department *:

Weight(lb): e.g. 12.50

Bar code: e.g. 012345678912

Description:

Groups:

Image File Names:

Upload Product Images (a .zip file of jpeg, jpg, png files)(Even if there is only one image file, zip it in a .zip file and upload)(Old files will be removed):
 No file selected.

☐ Remove all images for the product

3. Create a new province/state for customers to check out and calculate shipping, handling and tax based on the province/state. For example, we will add a Bavaria State record into database for country Germany.

3.1 In admin setting page, click tab Tables 1, go to 7 Province. Choose country Germany from the dropdown list. Then enter province/state name Bavaria. Click the button to save it to database. Now we need to create shipping, handling, and tax policy for this new state.

3.2 In admin setting page, click tab Tables 2, go to 20.1 Create a new property value. In the property dropdown list, choose “shippingchargedbylocation(59)”. In the property value name textbox, enter “shippingchargedbylocationstateprovincebavaria”. In the property value shown name textbox, enter “Shipping to Bavaria”. Then click the button to save to database.

20. Property value:
Shipping, handling, tax, discount and coupon all belong to property value.

20.1 Create a new property value

Property *:

Property Value Name *:

Property Value Shown Name(Do not use , ; :):

Description:

[Create Property Value](#)

Similarly, in the property dropdown list, choose “handlingchargedbylocation(119)”. In the property value name textbox, enter “handlingchargedbylocationstateprovincebavaria”. In the property value shown name textbox, enter “Handling to Bavaria”. Then click the button to save to database.

20. Property value:
Shipping, handling, tax, discount and coupon all belong to property value.

20.1 Create a new property value

Property *:

Property Value Name *:

Property Value Shown Name(Do not use , ; :):

Description:

[Create Property Value](#)

Similarly, in the property dropdown list, choose “taxchargedbylocation(159)”. In the property value name textbox, enter “taxchargedbylocationstateprovincebavaria”. In the property value shown name textbox, enter “Tax”. Then click the button to save to database.

Discussion
Media
Permalinks
Privacy
Contact Form Basic Version
Dragon Calendar
Dragon Calendar Free Version
Dragon Ecommerce
Dragon Ecommerce 2
Dragon Ecommerce Reserve
Yes Timesheet Daily
Yes Timesheet Monthly
Yes Timesheet Monthly Free Version

20. Property value:

Shipping, handling, tax, discount and coupon all belong to property value.

20.1 Create a new property value

Property *:

Property Value Name *:

Property Value Shown Name(Do not use , ; :) *:

Description:

Create Property Value

3.3 Now, we need to edit those 3 records we just added to propertyvalue table. In the admin setting page, click tab Tables 2, go to 20.4 property value list. Go to the end of the table and find those 3 records we just created. And click “edit” button for the shipping one. Let’s edit. Choose “use rate” to “Yes”, enter rate as 0.12 (You can enter the real rate for the one you create. Here is just an example.). Choose “To Country” to “Germany”. Choose “To State/Province” to “Bavaria”. Click “Save” button to save to database. Do it for all those 3 records.

Dashboard
Posts
Media
Pages
Comments
Appearance
Plugins
Users
Tools
Settings
General
Writing
Reading
Discussion
Media
Permalinks
Privacy
Contact Form Basic Version
Dragon Calendar
Dragon Calendar Free Version
Dragon Ecommerce
Dragon Ecommerce 2
Dragon Ecommerce Reserve

Total property values: 301

< 1 ... 27 28 29 30 31 >

	ID	Name	Shown Name	Description	Use Rate	Rate	Use Fee	Fee	M
Edit	2908	33	33		No		No		
Edit	2919	34	34		No		No		
Edit	2929	35	35		No		No		
Edit	2939	36	36		No		No		
Edit	2949	white	white		No		No		
Edit	2959	light blue	light blue		No		No		
Edit	2969	dark blue	dark blue		No		No		
Edit	2979	black	black		No		No		
Edit	2989	shippingchargedbylocationstateprovincebavaria	Shipping to Bavaria	<input type="text" value="shippingchargedbylocation"/>	No	<input type="text" value="0.12"/>	Yes	25.00	
Save					No		Yes	25.00	
Edit	2999	handlingchargedbylocationstateprovincebavaria	Handling to Bavaria		Yes	0.12	No		

From Country	From State/Province	To Country	To State/Province	priority	Property Name	Created Date(UTC)	Status
					length_jeans	2021-09-17 03:06:31	ACTIVE
					length_jeans	2021-09-17 03:06:47	ACTIVE
					length_jeans	2021-09-17 03:07:01	ACTIVE
					length_jeans	2021-09-17 03:07:18	ACTIVE
					color_jeans	2021-09-17 03:07:52	ACTIVE
					color_jeans	2021-09-17 03:08:16	ACTIVE
					color_jeans	2021-09-17 03:08:35	ACTIVE
					color_jeans	2021-09-17 03:09:00	ACTIVE
	Please choose one...	Please choose one...	Germany	Bavaria	shippingchargedbylocation	2021-09-18 23:17:29	ACTIVE
					shippingchargedbylocation		Active
					handlingchargedbylocation	2021-09-18 23:24:20	ACTIVE

ID	Name	Shown Name	Description	Use Rate	Rate	Use Fee	Fee	Min Res
3009	taxchargedbylocationstateprovincebavaria	Tax		No	0.12	No		
	taxchargedbylocationstate	Tax		Yes		No		

From Country	From State/Province	To Country	To State/Province	priority	Property Name	Created Date(UTC)	Status
	Please choose one...	Please choose one...	Germany	Bavaria	taxchargedbylocation	2021-09-18 23:27:42	ACTIVE
					taxchargedbylocation		Active

3.4 Now, if in tab Table 3, 24 setting table, if GROUP_ID_FOR_ORDER_SHIPPING_DETAILS IS 49, and GROUP_ID_FOR_ORDER_HANDLING_DETAILS is 109, it means shipping and handling are charged by time. Go to tab Tables 1, 12.2 Group list, find ID 49 and 109'S name: shippingchargedbytime, handlingchargedbytime.

Setting ID	Name	Value	Created Date(UTC)	Status
9	COMPANY_NAME	Company Name	2021-08-26 23:49:23	ACTIVE
19	COMPANY_ADDRESS	Company Address	2021-08-26 23:49:23	ACTIVE
29	COMPANY_TIMEZONE	America/New_York	2021-08-26 23:49:23	ACTIVE
39	COMPANY_TIMEZONE_HOURS	-05:00	2021-08-26 23:49:23	ACTIVE
49	RESERVE_NEED_ADMIN_APPROVE	0	2021-08-26 23:49:23	ACTIVE
59	GROUP_CATEGORY_ID_FOR_CUSTOMER_CHOOSE_PRODUCT_DETAILS	9	2021-08-26 23:49:23	ACTIVE
69	GROUP_CATEGORY_ID_FOR_ORDER_SHIPPING_DETAILS	19	2021-08-26 23:49:23	ACTIVE
79	GROUP_CATEGORY_ID_FOR_ORDER_HANDLING_DETAILS	29	2021-08-26 23:49:23	ACTIVE
89	GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS	39	2021-08-26 23:49:23	ACTIVE
99	GROUP_CATEGORY_ID_FOR_PREORDER_AND_STORE_BUY/PICKUP_DETAILS	49	2021-08-26 23:49:23	ACTIVE
109	GROUP_CATEGORY_ID_FOR_DISCOUNT	59	2021-08-26 23:49:23	ACTIVE
119	GROUP_CATEGORY_ID_FOR_COUPON	69	2021-08-26 23:49:23	ACTIVE
129	PROPERTY_ID_FOR_ORDER_SHIPPING_DETAILS	49	2021-08-26 23:49:23	ACTIVE
139	PROPERTY_ID_FOR_ORDER_HANDLING_DETAILS	109	2021-08-26 23:49:23	ACTIVE

Then when customers check out, they will see the shipping dropdown list as this in the image below:

The screenshot shows a checkout form with the following fields:

- Name
- Email
- Phone
- Address
- Address 2
- Country/Region (dropdown menu)
- State/Province (dropdown menu)
- City
- ZIP
- SERVICE: Shipping
- Handling
- SUMMARY: Subtotal, Discount (rate), Shipping, Handling, Tax, Total

Red arrows point to the 'State/Province' dropdown menu and the 'Shipping' dropdown menu. The 'Shipping' dropdown menu is open, showing the following options:

- Please choose one...
- Shipping is \$7 for 3 to 5 days
- Shipping is \$17 for 2 to 3 days
- Shipping is \$22 for 1 to 2 days

The 'SUMMARY' section shows the following values:

- Subtotal: USD\$38.85
- Discount (rate): 0.00
- Shipping: USD\$
- Handling: USD\$
- Tax: USD\$
- Total: USD\$

Now, if in tab Table 3, 24 setting table, if GROUP_ID_FOR_ORDER_SHIPPING_DETAILS IS 59, and GROUP_ID_FOR_ORDER_HANDLING_DETAILS is 119, it means shipping and handling are charged by location. Go to tab Tables 1, 12.2 Group list, find ID 59 and 119'S name: shippingchargedbylocation, handlingchargedbylocation.

The screenshot shows the '24. Setting:' table in the 'Tables 3' tab. The table has the following columns: Setting ID, Name, Value, Created Date(UTC), and Status. The table contains the following rows:

Setting ID	Name	Value	Created Date(UTC)	Status
9	COMPANY_NAME	Company Name	2021-08-26 23:49:23	ACTIVE
19	COMPANY_ADDRESS	Company Address	2021-08-26 23:49:23	ACTIVE
29	COMPANY_TIMEZONE	America/New_York	2021-08-26 23:49:23	ACTIVE
39	COMPANY_TIMEZONE_HOURS	-05:00	2021-08-26 23:49:23	ACTIVE
49	RESERVE_NEED_ADMIN_APPROVE	0	2021-08-26 23:49:23	ACTIVE
59	GROUP_CATEGORY_ID_FOR_CUSTOMER_CHOOSE_PRODUCT_DETAILS	9	2021-08-26 23:49:23	ACTIVE
69	GROUP_CATEGORY_ID_FOR_ORDER_SHIPPING_DETAILS	19	2021-08-26 23:49:23	ACTIVE
79	GROUP_CATEGORY_ID_FOR_ORDER_HANDLING_DETAILS	29	2021-08-26 23:49:23	ACTIVE
89	GROUP_CATEGORY_ID_FOR_ORDER_TAX_DETAILS	39	2021-08-26 23:49:23	ACTIVE
99	GROUP_CATEGORY_ID_FOR_PREORDER_AND_STORE_BUYPIKUP_DETAILS	49	2021-08-26 23:49:23	ACTIVE
109	GROUP_CATEGORY_ID_FOR_DISCOUNT	59	2021-08-26 23:49:23	ACTIVE
119	GROUP_CATEGORY_ID_FOR_COUPON	69	2021-08-26 23:49:23	ACTIVE
129	PROPERTY_ID_FOR_ORDER_SHIPPING_DETAILS	59	2021-08-26 23:49:23	ACTIVE
139	PROPERTY_ID_FOR_ORDER_HANDLING_DETAILS	119	2021-08-26 23:49:23	ACTIVE

Then when customers check out, they will see the shipping dropdown list as this in the image below:

Dashboard	31	PRODUCT_IMAGE_SIZE	800	2021-06-30 15:51:15	ACTIVE
Posts	32	COMPANY_NAME	Company Name	2021-07-17 16:04:15	ACTIVE
Media	33	COMPANY_ADDRESS	Company Address	2021-07-17 16:04:32	ACTIVE
Pages	34	RESERVE_NEED_ADMIN_APPROVE	0	2021-07-20 13:51:47	ACTIVE
Comments	35	COMPANY_TIMEZONE	America/New_York	2021-07-20 13:51:47	ACTIVE
Elementor	36	DEBACKUP_LOCALTIME	2021-08-11 13:30:00	2021-07-20 13:51:47	ACTIVE
Templates	37	DEBACKUP_DETAILS	HAS VALUE, CONFIDENTIAL	2021-07-20 13:51:47	ACTIVE
Essential Addons	38	DEBACKUP_FREQUENCY	daily	2021-07-20 13:51:47	ACTIVE
Appearance	39	ENABLE_PRODUCT_QUANTITY_AUTO_DEDUCT	<input type="text" value="1"/> Update	2021-07-20 13:51:47	ACTIVE
Plugins	40	COMPANY_TIMEZONE_HOURS	-05:00	2021-07-20 13:51:47	ACTIVE
Users	41	MAILGUN_FROMNAME	NO-REPLY	2021-07-20 13:51:47	ACTIVE
Tools	42	MAILCHIMP_APIKEY	Yh4UGMb7JFG0smGh_pooA	2021-07-20 13:51:47	ACTIVE
Settings	43	MAILCHIMP_API_URL	https://mandrillapp.com/api/1.0/messages/send	2021-07-20 13:51:47	ACTIVE
General	44	MAILCHIMP_FROMEMAIL	no-reply@dragoncommerce.com	2021-07-20 13:51:47	ACTIVE
Writing	45	MAILCHIMP_FROMNAME	no-reply@dragoncommerce.com	2021-07-20 13:51:47	ACTIVE
Reading	46	SENDGRID_APIKEY	SG.hL4YCNH3Q6aQJNi3o_8HMQ.zNdBbFv4XkT7JD0eLpCuLsipTV054UiojMGTvpqWiu	2021-07-20 13:51:47	ACTIVE
Discussion					
Media					
Permalinks					
Privacy					
Dragon Commerce					
Dragon Commerce					
Reserve					
Collaboration					

5. For email set up, you can use WordPress Email or Mailgun, Mailchimp, SendGrid. In my opinion, Mailgun is the easiest one to use. If it does not work, you can try Mailchimp or SendGrid.

To use Mailchimp Mandrill to send out emails, you must register a paid account. Free account will NOT work. You must use transactional email (not marketing) to send out emails. You need to verify the domain you use. For example, yourcompany.com can be a domain. If you do not have a domain for emails, google "buy domain" to buy a domain online. Then manage DNS. Follow the directions on <https://mandrillapp.com/settings/sending-domains> to test your DNS settings until it's correct. If you buy a domain only for sending out emails, you do not need to buy an IP address to create a website.

You also need to add the values for Mailgun, Mailchimp or SendGrid in the setting table.

For Mailgun:

MAILGUN_APIKEY

MAILGUN_API_URL

MAILGUN_DOMAIN

MAILGUN_FROMNAME

For Mailchimp:

MAILCHIMP_APIKEY

MAILCHIMP_API_URL

MAILCHIMP_FROMEMAIL

MAILCHIMP_FROMNAME

For SendGrid:

SENDGRID_APIKEY

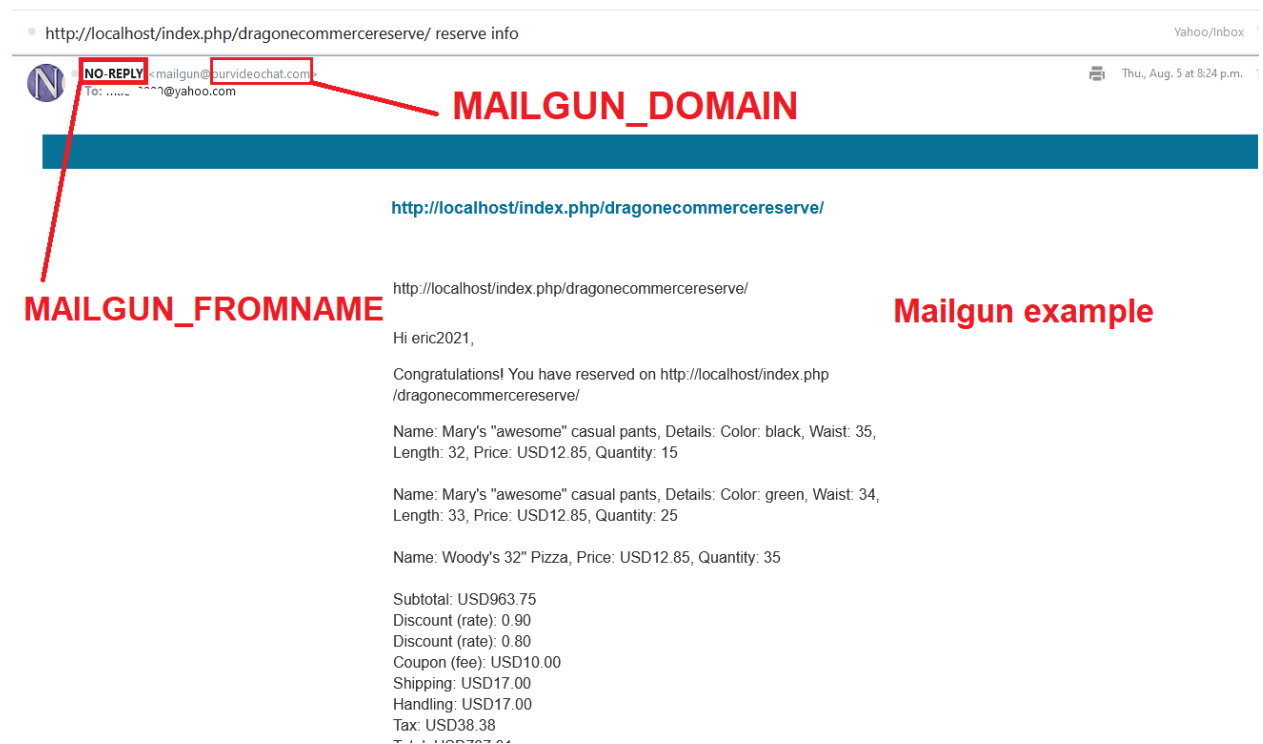
SENDGRID_API_URL

SENDGRID_FROMEMAIL

SENDGRID_FROMNAME

Here are the examples of some setting values related to an email sent to customers.

For Mailgun:



The screenshot shows an email interface with the following elements:

- Address Bar:** `http://localhost/index.php/dragonecommercereserve/ reserve info`
- Sender Information:** **NO-REPLY** <mailgun@survideochat.com> (Annotate: **MAILGUN_DOMAIN**)
To: ...@yahoo.com
- Subject:** **MAILGUN_FROMNAME**
- Body:**

<http://localhost/index.php/dragonecommercereserve/>

<http://localhost/index.php/dragonecommercereserve/>

Hi eric2021,

Congratulations! You have reserved on <http://localhost/index.php/dragonecommercereserve/>

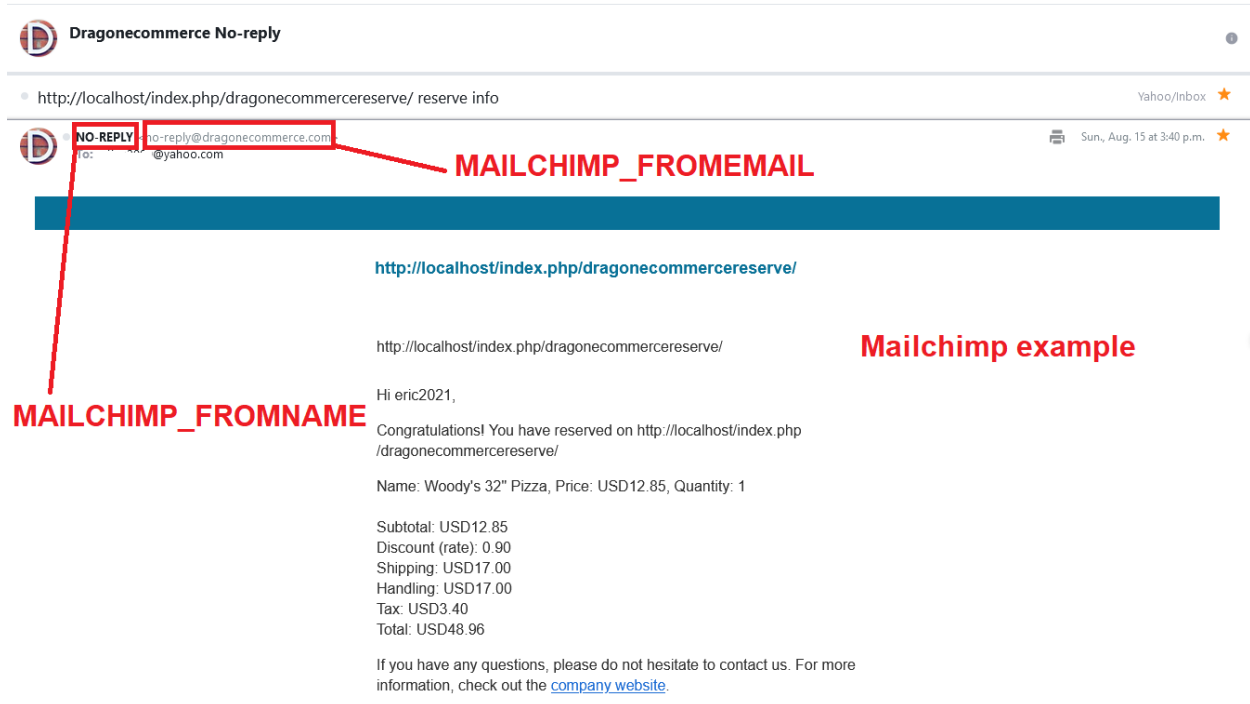
Name: Mary's "awesome" casual pants, Details: Color: black, Waist: 35, Length: 32, Price: USD12.85, Quantity: 15

Name: Mary's "awesome" casual pants, Details: Color: green, Waist: 34, Length: 33, Price: USD12.85, Quantity: 25

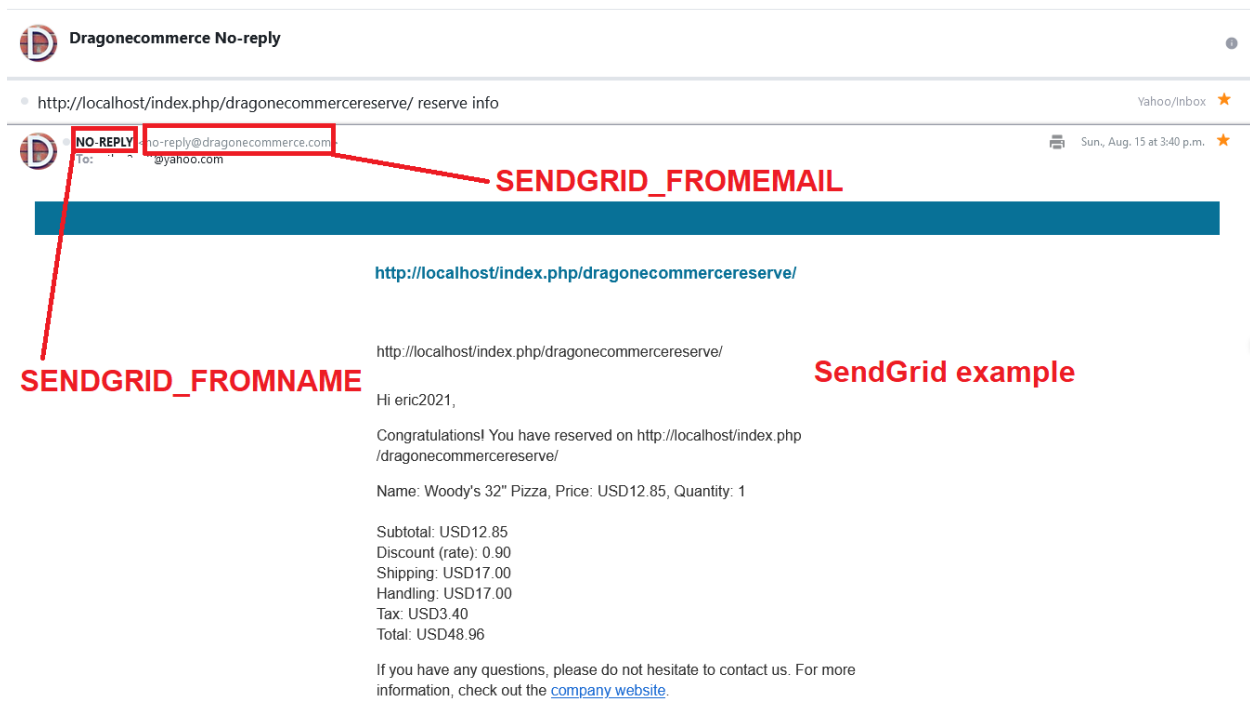
Name: Woody's 32" Pizza, Price: USD12.85, Quantity: 35

Subtotal: USD963.75
Discount (rate): 0.90
Discount (rate): 0.80
Coupon (fee): USD10.00
Shipping: USD17.00
Handling: USD17.00
Tax: USD38.38
- Footer:** Mailgun example

For Mailchimp:

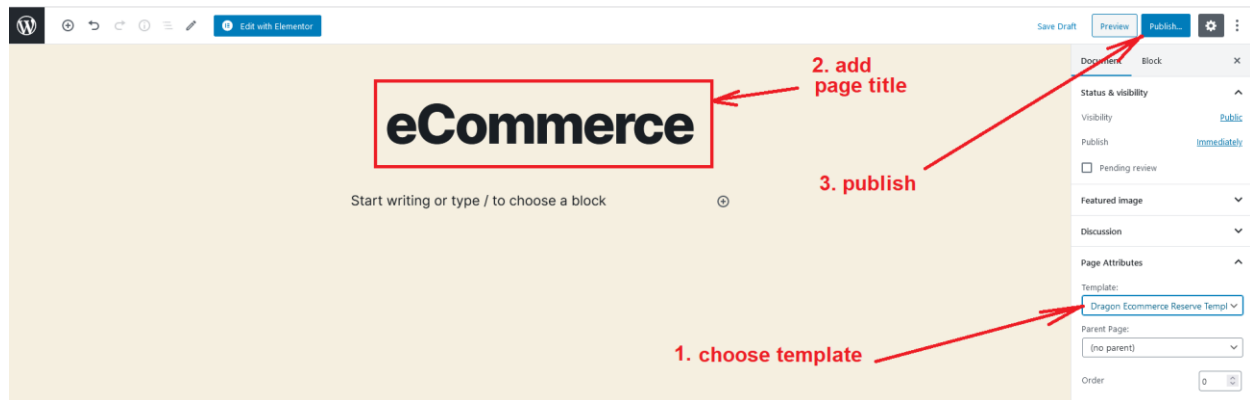


For SendGrid:

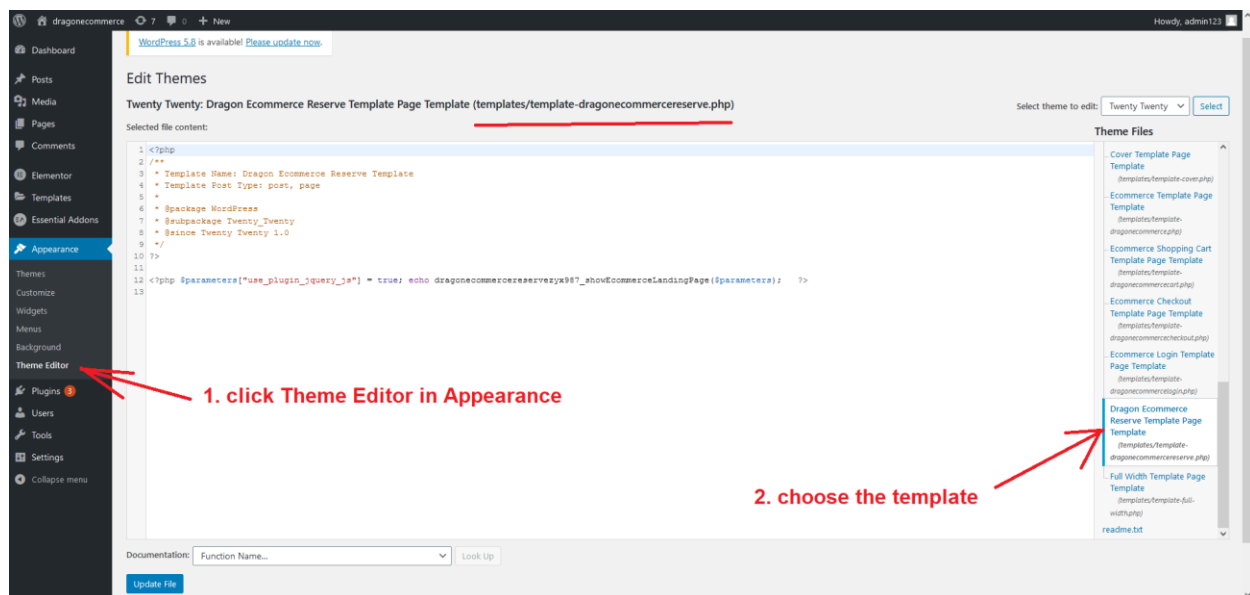


6. To create an e-commerce landing page, add this plugin root folder template-dragonecommercereserve.php file to your template folder. For example, if you are using theme twentytwenty, then add the template-dragonecommercereserve.php

file to this folder: `wordpress\wp-content\themes\twentytwenty\templates`. Then you can create a new page using this template:



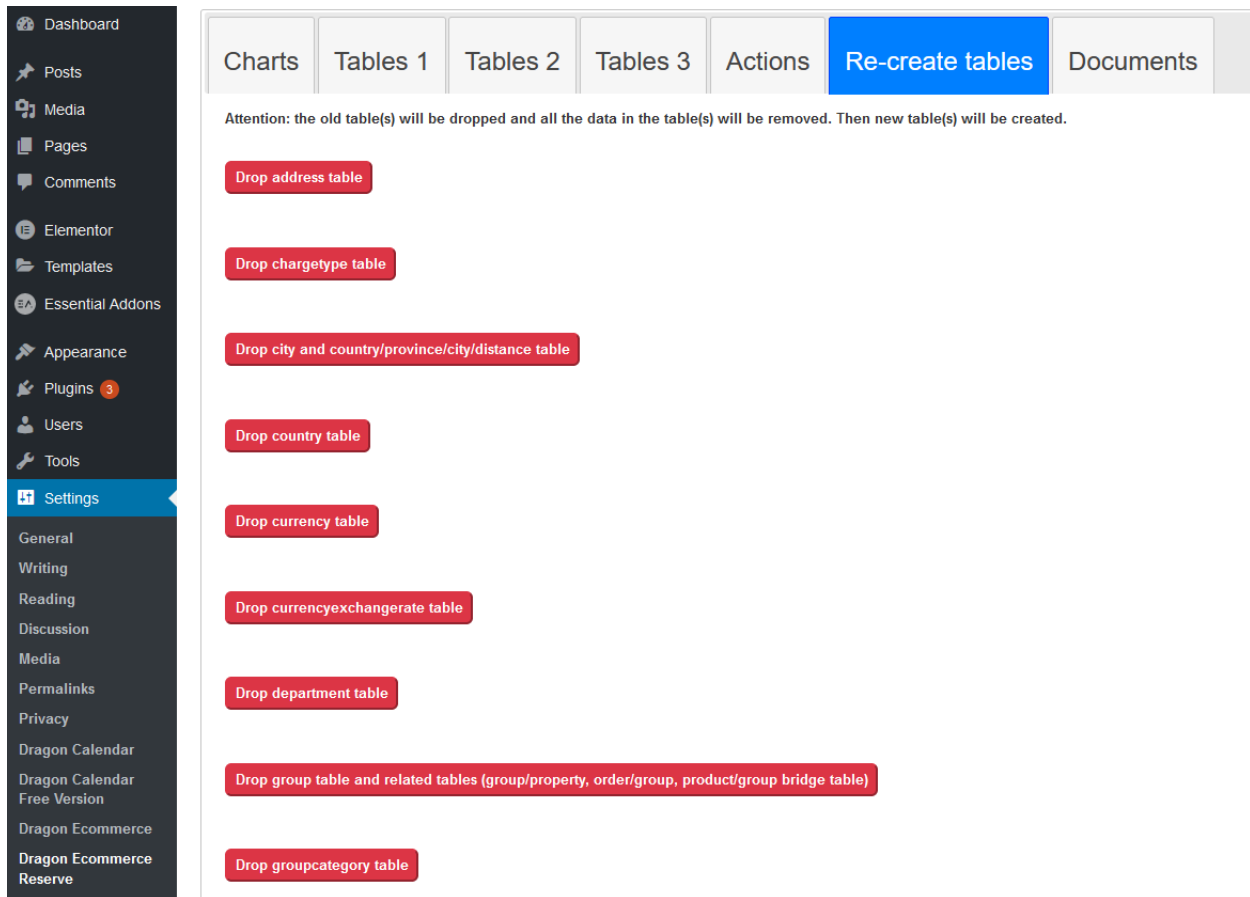
Then this ecommerce landing page is created. You can edit the template file in the admin page:



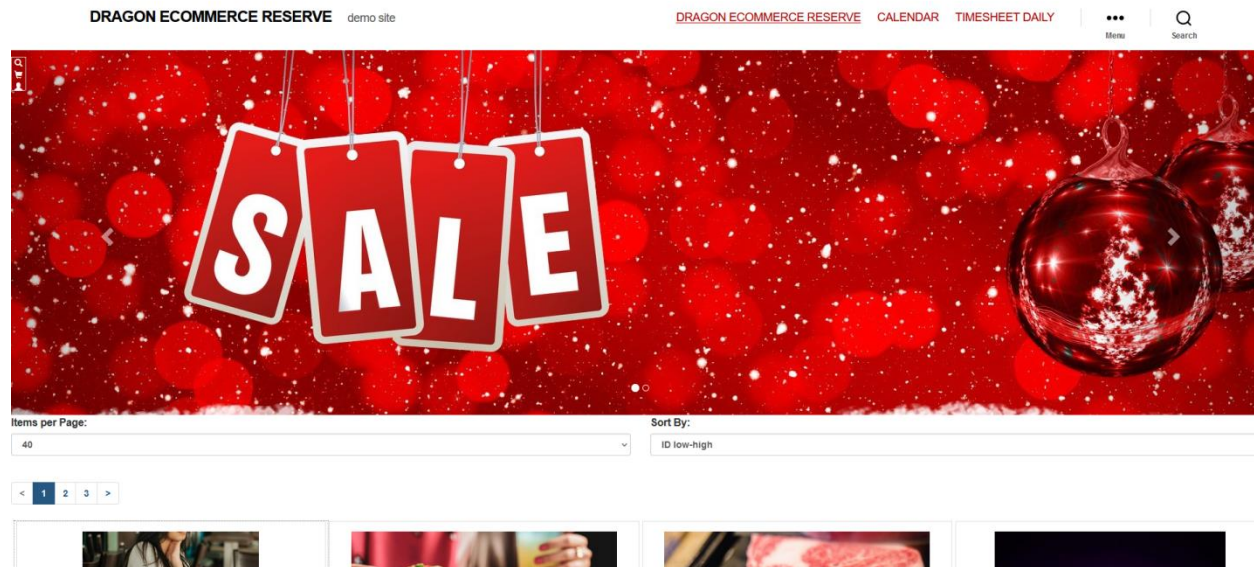
7. The default shipping fee is charged by time. If you want the shipping fee to be charged by location (e.g. province, state), you need to change setting table's `GROUP_ID_FOR_ORDER_SHIPPING_DETAILS` to the property id related to name "shippingchargedbylocation" in the group table.

Similarly, the default handling fee, if any, is charged by time. If you want the handling fee to be charged by location (e.g. province, state), you need to change setting table's `GROUP_ID_FOR_ORDER_HANDLING_DETAILS` to the property id related to name "handlingchargedbylocation" in the group table.

8. Drop tables. This plugin can let you drop tables. Go to the admin setting page, click tab “Re-create tables”, and then you can drop the tables you want. The tables will be dropped, and then new tables will be created. See the image below.



9. Add slideshow. Slideshow images size should be about 1920 x 554. Please go to this plugin’s source code folder `dragonecommercereserve\images` to check out the sample image’s size.



Go to admin setting page, click tab Tables 3, go to 25 slideshow. You can add a slideshow here. See the image below.

Dashboard

Posts

Media

Pages

Comments

Appearance

Plugins

Users

Tools

Settings

General

Writing

Reading

Discussion

Media

Permalinks

Privacy

Dragon Ecommerce

Collapse menu

25. Slideshow:

25.1 Create a new slideshow slide

Slide Name:

e.g. This month's discount

Upload Image File (.jpeg, .jpg, .png) (For best result, image width and height ratio should be about 4:1) *:

Browse...

No file selected.

Description:

Create Slide

25.2 Slideshow list

Search Name:

Search Description:

Search Slideshow Status:

Please choose one...

Search

Reset

Items per Page:

Please choose one...

Sort By:

Please choose one...

Total slideshows: 2

< 1 >

	ID	Name	Description	File Name	Sequence Number	Show Name	Show Description	Created Date(UTC)	Status
<div><div>Edit</div><div>Delete</div></div>	5	sale		slide1.png	1	No	No	2021-10-02 00:57:23	ACTIVE
<div><div>Edit</div><div>Delete</div></div>	15	holiday sale		slide2.png	2	No	No	2021-10-02 00:57:40	ACTIVE

Questions and answers:

1. When I upload 10M product images zip file, it failed.

Go to this plugin's source code folder: `wordpress\wp-content\plugins\dragonecommercereserve\dragonecommercereservezyx987_admin.php`, open this file in notepad++. At line 2, uncomment the PHP code:

```
@ini_set('display_errors','On'); ini_set('display_startup_errors', 1);  
error_reporting(E_ALL);
```

Save the file.

Try to upload product images again. There will be error messages on the top of the admin page. Google these error messages and find the solution. If it's difficult to solve, find a PHP developer to help you.

These are the typical error messages:

1.1 Upload file size is bigger than the max size (e.g. 2MB)

If you found this error message, it means you need to change your `php.ini` setting. In your `php.ini` file, find `upload_max_filesize` and `post_max_size`, and change these lines to:

```
upload_max_filesize = 100M
```

```
post_max_size = 100M
```

1.2 Call to undefined function `imagecreatefromjpeg`

If you found this error message, it means you need to add PHP library `gd`. In your `php.ini` file, find and uncomment these lines:

```
extension=gd  
extension=gd2
```

1.3 Call to undefined function `exif_read_data`

If you found this error message, it means you need to add PHP library `mbstring` and `exif`. In your `php.ini` file, find and uncomment these lines:

```
extension=mbstring  
extension=exif
```

In your web server's **php.ini** file, you need to uncomment or set these lines:

If your web server's operating system is Linux or Unix, find your WordPress' upgrade folder's location, add it to `upload_tmp_dir`. For example, if upgrade folder location is: `app/wp-content/upgrade`, you update this line as:

```
upload_tmp_dir = "/app/wp-content/upgrade"
```

If your web server's operating system is Windows, find your WordPress' upgrade folder's location, add it to `upload_tmp_dir`. For example, if upgrade folder location is: `C:\wordpress\wp-content\upgrade`, you update this line as:
`upload_tmp_dir = "C:\wordpress\wp-content\upgrade"`

Then, in `php.ini`, you also need to uncomment or update these lines:

```
upload_max_filesize = 100M
post_max_size = 100M
extension=curl
extension=fileinfo
extension=gd
extension=mbstring
extension=exif
extension=mysqli
extension=openssl
extension=zip
extension=gd2
```

2. Sometimes, image file names are saved into the database, but they do not show up on the ecommerce web page.

First, please follow the correct process to add images for this product. In WordPress' admin page, section 2, Tables. Go to product list table. Find the product. Click "Edit" button on the left.

3.3 Product list

Search Name:

Search Department:

Search Barcode:

Search Min Price:

Search Max Price:

Search Created From Date:

Search Created To Date:

Search Is On Sale:

Search Is Tax Free:

Items per Page: Sort By:

Total active products: 2

< 1 >

	ID	name	description	department	weight(lb)	price	sale price	on sale	tax free	quantity	original quantity	barcode	created(UTC)
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	1	Mary's "awesome" casual pants	Mary's "awesome" casual pants	Women's clothing		12.85		NO	NO			GB67210987234	2021-08-04 21:53:59
<input type="button" value="Edit"/> <input type="button" value="Disable"/>	2	Woody's 32" Pizza	Woody's 32" Pizza	Grocery		12.85		NO	YES			GB67210987235	2021-08-04 21:53:59

Then you will see a pop up window.

Edit Product 1: Mary's "awesome" casual pants

Name *:	<input type="text" value="Mary's 'awesome' casual pants"/>	e.g. Camera
Price *:	<input type="text" value="12.85"/>	e.g. 32.50
Sale Price *:	<input type="text"/>	e.g. 16.50
Is On Sale? :	<input type="text" value="No"/>	
Is Tax Free? :	<input type="text" value="No"/>	
Quantity:	<input type="text"/>	e.g. 50
Original Quantity:	<input type="text"/>	e.g. 50
Department *:	<input type="text" value="Women's clothing"/>	
Weight(lb):	<input type="text"/>	e.g. 12.50
Bar code:	<input type="text" value="GB67210987234"/>	e.g. 012345678912
Description:	<div><div>Mary's "awesome" casual pants</div></div>	
Groups:	<input type="text" value="waistlengthcolor_pants"/>	
Image File Names:	<input type="text" value="pant's1.jpg pants'2.jpg pants'3.jpg pants'4.jpg pants'5.jpg pants'6.jpg pants'7.jpg pants'8.jpg"/>	
Upload Product Images (a .zip file of jpeg, jpg, png files)(Old files will be removed):		
<div><input type="button" value="Browse..."/> No file selected.</div>		
<input type="button" value="Update Product"/>		

Click "Browse..." and choose your zip file to upload. Click "Update Product" button to save to database.

Sometimes, image file names are saved into the database, but they do not show up on the ecommerce web page. If this happens, you need to check this checkbox "Remove all images for the product" and click "Update Product" button. Then come back to this page and click "Browse..." to upload a new zip file or image file. Images should show up on the ecommerce web page this time.

Edit Product 9: Mary's "awesome" casual pants

Name *: e.g. Camera

Price *: e.g. 32.50

Sale Price *: e.g. 16.50

Is On Sale?: e.g. Yes

Is Tax Free?: e.g. Yes

Quantity: e.g. 50

Original Quantity: e.g. 50

Department *:

Weight(kg): e.g. 12.50

Bar code: e.g. 012345678912

Description:

Groups:

Image File Names:

Upload Product Images (a .zip file of .jpg, .png files) (Even if there is only one image file, zip it in a .zip file and upload) (Old files will be removed):
 No file selected.

☐ Remove all images for the product

3. On the ecommerce landing page, product image's width and height ratio is wrong. How to fix?

DESKTOP PRODUCT IMAGE SIZE

TABLET PRODUCT IMAGE SIZE

element `div#dragoncommerce_wrap div#dragoncommerce_product > div div.product-details-container` is already set by the software.

CELLPHONE_PRODUCT_IMAGE_SIZE

On the ecommerce landing page, if you find out the cellphone's product image ratio is not correct, you can change the height of the image by changing this one's value. The above one is for ecommerce landing page, cellphone's product image size. It's for the height of HTML element `div#dragoncommerce_wrap div#dragoncommerce_product > div div.product-details-container`. The default value is '200'. It can be set as a decimal such as '250.75'. The width of the HTML element `div#dragoncommerce_wrap div#dragoncommerce_product > div div.product-details-container` is already set by the software.

If it still does not work, you may also change this parameter value to fix it.

PRODUCT_IMAGE_SIZE

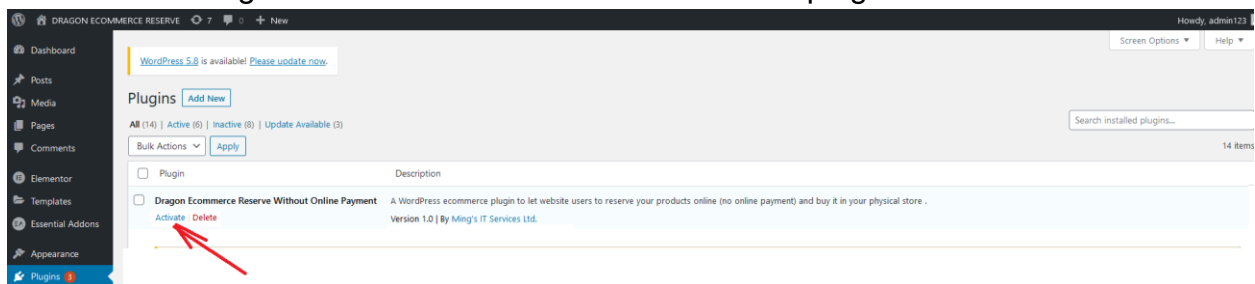
The above one is to set product image size. In admin page, when admin upload product images, PHP code will process the original images. PHP code will resize the product images with the ratio. The default value is 800.

Install instructions:

1. Unzip the file. Copy the folder into your `/wp-content/plugins/` folder.
2. Log in to your WordPress admin page.

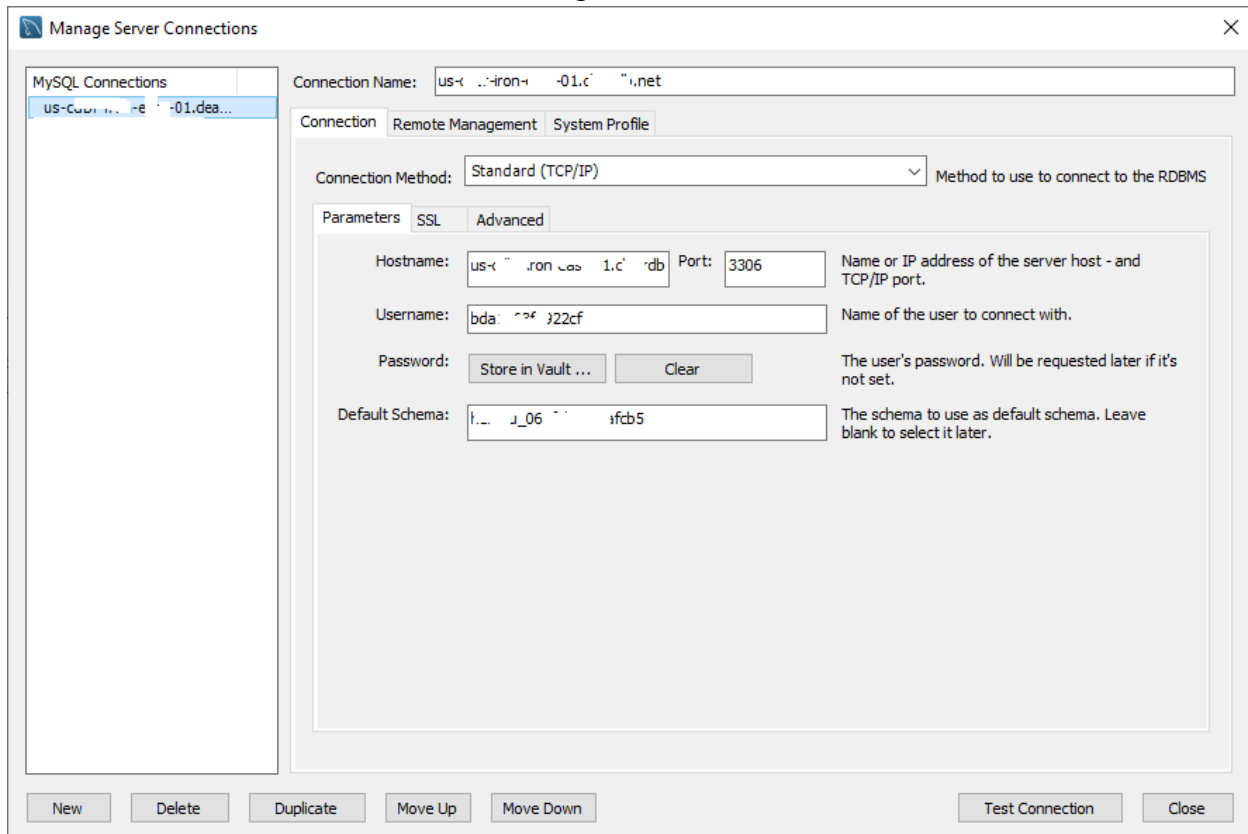
<http://yourwebsite.com/wp-login.php>

Click "Plugins" and click "Activate" to activate this plugin.



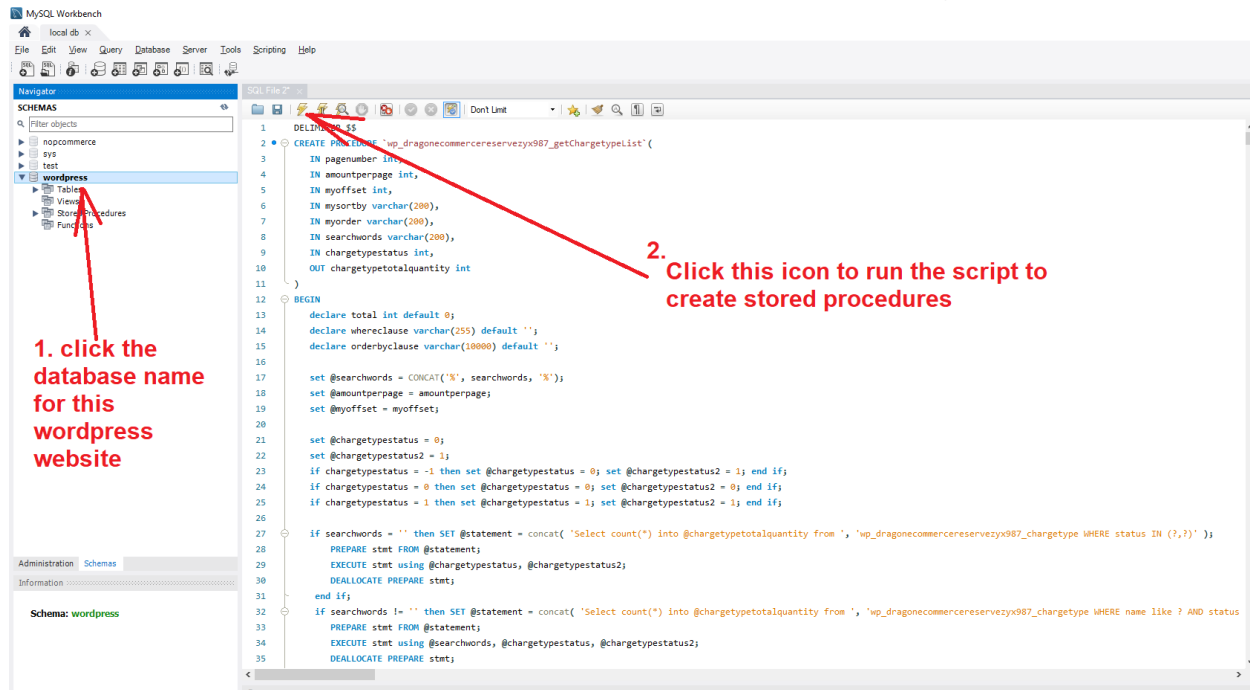
Hover on left menu's "Settings" and you will find "Dragon Ecommerce Reserve" in the sub-menu. Click it and you will see the admin page for Dragon Ecommerce Reserve. Enter your value and click buttons to update the calendar.

3. **After install and activate this plugin, check database if you have 35 stored procedures. If not, deactivate this plugin and activate it again. If it still does not work, you need to remove current stored procedures and run a sql file:** create_stored_procedures.sql. It's used to create stored procedures. It's located at the plugin root folder. You need to run it in a MySQL database software such as MySQL Workbench, phpMyAdmin, or other software that you can run SQL script to change database. Here is an example to use MySQL Workbench to run this sql file:
- 3.1. Download MySQL Workbench from its official website. Google "mysql workbench download" and find its official website to download. Then run it on your computer.
 - 3.2. Open the MySQL Workbench you just installed. Then click "+" to add a new connection. Enter database hostname, port, username, and password. Then click "test connection". If it works, you can connect with the database. See the image below.



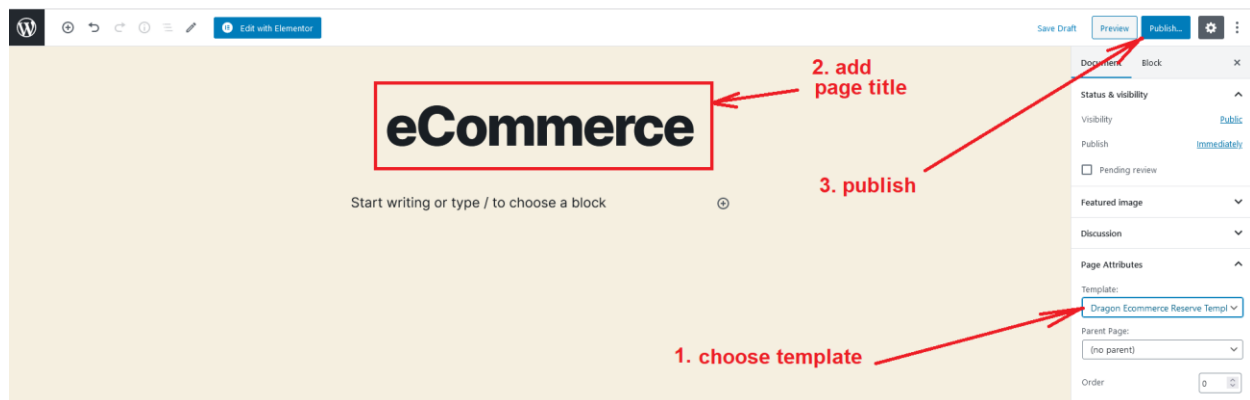
- 3.3. Connect with the database. Click the database name on the left menu. Then click top left icon "+" to add a new SQL tab for executing queries. Copy all the script in the create_stored_procedures.sql and paste it into the tab. Click execute icon on the top to run the script. If it works, it will

create many stored procedures in the database for you. Check every stored procedure to see if it looks okay. See the image below.

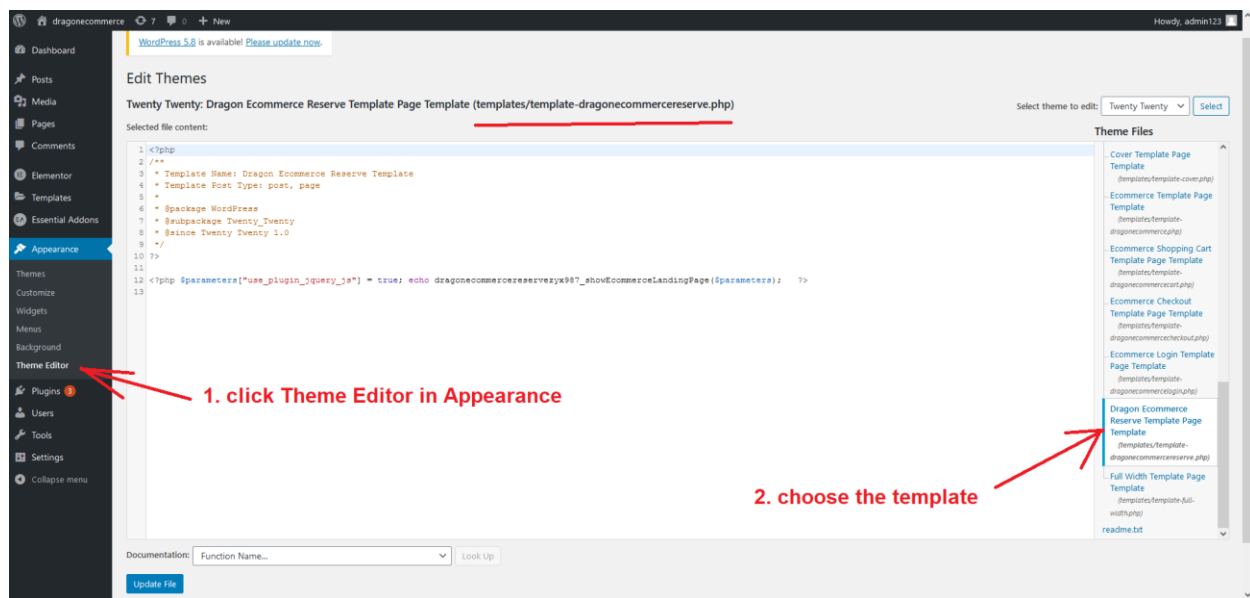


3.4. **Then, you need to go to WordPress admin page, setting, dragon ecommerce reserve, Tables 1, 11.2 Group category list. Double check if this group category table is empty.** If this table is empty, you need to go to WordPress admin page, “re-create tables” tab, click “Drop group table and related tables (group/property, order/group, product/group bridge table)” to re-create these tables. If you go to the MySQL database, the table name in the database is wp_dragonecommercereservezyx987_group_property.

4. Please follow the **Basic configurations** in page 15.
5. To create an e-commerce landing page, add this plugin root folder template-dragonecommercereserve.php file to your template folder. For example, if you are using theme twentytwenty, then add the template-dragonecommercereserve.php file to this folder: wordpress\wp-content\themes\twentytwenty\templates. Then you can create a new page(not a new post) using this template:



Then this ecommerce landing page is created. You can edit the template file in the admin page:



6. Done. Now you can enter some data to test it.

7. You can custom set this plugin's style. Our custom css file is at:

/wordpress/wp-content/plugins/dragonecommercereserve/css/dragonecommerce.css.

demo website:

<https://mingsitservicesfree.infinityfreeapp.com/dragonecommercereserve/>

admin page:

<https://mingsitservicesfree.infinityfreeapp.com/wp-admin>

Log in WordPress admin page using

username:

admin_order

password:

m8Yl*KWKq4nEa5JUDk

Then, go to

<https://mingsitservicesfree.infinityfreeapp.com/wp-admin>

click “setting”, click “dragon ecommerce reserve”

to set up the admin page.

<https://mingsitservicesfree.infinityfreeapp.com/wp-admin/options-general.php?page=Dragon+Ecommerce+Reserve>

documentation website:

https://mingsitservicesfree.infinityfreeapp.com/wp-content/plugins/dragonecommercereserve/documentation_dragonecommercereservefre.pdf

Platform and Database:

You can run it on any platform: Windows, Mac, Linux.

Database is MySQL. It's free.

PHP version: PHP 5 >= 5.5.0

Attention: PHP version and WordPress version may have compatibility issues. For example, WordPress 5.4 may not match PHP 8. Check this website for details:

<https://make.wordpress.org/core/handbook/references/php-compatibility-and-wordpress-versions/>

1. Resize product images: imagescale will works for (PHP 5 >= 5.5.0, PHP 7)
2. PHP has support for the mysqli extension (to be used for prepared statement)
3. Must use HTTPS, not http. If website use HTTP, tell the website admin - cannot use the dragon ecommerce plugin.
4. Since PHP 5.4 there are constants which can be used by json_encode() to format the json response how you want. To remove backslashes use: JSON_UNESCAPED_SLASHES. Like so: json_encode(\$response, JSON_UNESCAPED_SLASHES);
5. Auto backup database weekly is for WordPress 5.4 and above.