WHMCS Gateway Module Documentation

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Creating a Gateay Module

We've tried to make creating a module for WHMCS as easy as possible & so it should only be as difficult as the API you will be connecting to. The below steps explain the basic process.

1. Begin by taking the module template and rename to *yourgatewayname.php*

2. All functions are prefixed with the filename so replace all occurrences of template_ with yourgatewayname_

3. In the _config function, set the FriendlyName value to the name to display for this module inside the WHMCS Admin Area, for example "PayPal", "Authorize.net", etc… The rest of the lines define the fields which are set in the Payment Gateway configuration section of the admin area. Fields can be of 4 types: textbox, dropdown combo boxes, textareas or checkboxes and an example of each type of field and the way you define its' parameters are included in the sample.

4. If a third party gateway (user leaves your site to pay) then delete the _capture function (line 57) and enter your gateway submission code into the _link function

5. If a merchant gateway (payment by credit card on your site) then delete the _link function (line 14) and enter your card processing code into the _capture function

6. If your gateway module doesn't or won't support automated refunds, delete the _refund function (line 103)

7. Save any changes & upload to the folder *modules/gateways*

8. Activate and configure your gateway in Setup > Payment Gateways

That's it! You can now begin testing!

Creating a Callback File

If your gateway supports notifying a script when a payment is successful, you can make it automatically mark the invoice paid inside WHMCS.

A sample callback file is included in the dev kit for this purpose named *callback.php*. To utilise this script, you just need to rename it to match your gateway module (to prevent any name conflicts), modify the variables to work with what your custom gateway returns and upload to the *modules/gateways/callback* folder.

The sample callback file contains comments throughout the code which explain how & where to modify it to work with your gateway.

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