

Non-merchant Gateways



Download the SDK

The [SDK](#) includes a sample Non-merchant Gateway to get you started.

Non-merchant Gateways must extend the `NonmerchantGateway` class.

NonmerchantGateway

The **NonmerchantGateway** class is an abstract class that defines methods that all non-merchant gateways must implement. In addition, it implements a method to handle common errors, and extends the **Gateway** class which can be found in `/installpath/components/gateways/lib/gateway.php`.

The `NonmerchantGateway` class can be found in `/installpath/components/gateways/lib/nonmerchant_gateway.php`.

Common Errors

When implementing nonmerchant gateways a number of errors may occur either with validation or with processing. The `NonmerchantGateway` class provides a method called **getCommonError()**, which converts common error types into error response values suitable for error message passing (i.e. can be set into `Input::setErrors()`). You are encouraged, whenever possible, to use these common error types.

Type	Usage
invalid	Use whenever the gateway processor submits an invalid request.
transaction_not_found	Use whenever the gateway processor does not recognize the transaction.
unsupported	Use whenever the gateway does not support the requested action (e.g. <code>refund()</code>)
general	Use for all other cases.

Setting Errors

```
$this->Input->setErrors($this->getCommonError("unsupported"));
```