

CACHE
\$this->cache->delete(\$key) - Deletes cache [product, category, country, zone, language, currency, manufacturer]

CART
\$this->cart->getProducts() Gets all products currently in the cart including options, discounted prices, etc.
\$this->cart->add(\$product_id, \$qty = 1, \$options = array()) - Allows you to add a product to the cart
\$this->cart->remove(\$key) - Allows you to remove a product from the cart
\$this->cart->clear() - Allows you to remove all products from the cart
\$this->cart->getWeight() - Sum of the weight of all products in the cart that have require shipping set to Yes
\$this->cart->getSubTotal() - returns the subtotal of all products added together before tax
\$this->cart->getTotal() - returns the total of all products added together after tax
\$this->cart->countProducts() - returns the count of all product in the cart
\$this->cart->hasProducts() - returns true if there is at least one item in the cart
\$this->cart->hasStock() - returns false if there is at least one item in the cart that is out of stock
\$this->cart->hasProducts() - returns true if there is at least one item in the cart that requires shipping
\$this->cart->hasDownload() - returns true if there is at least one item in the cart that has a download associated

CONFIG
\$this->config->get(\$key) - returns setting value by keyname based on application (catalog or admin)
\$this->config->set(\$key, \$value) - set the value to override the setting value. DOES NOT SAVE TO DATABASE

CURRENCY
\$this->currency->set(\$currency) - set or override the currency code to be used in the session
\$this->currency->format(\$number, \$currency = "", \$value = "", \$format = TRUE) - format the currency
\$this->currency->convert(\$value, \$from, \$to) - convert a value from one currency to another. Currencies must exist
\$this->currency->getId() - get the database entry id for the current currency (1, 2, 3, 4)
\$this->currency->getCode() - get the 3-letter iso code for the current currency (USD, EUR, GBP, AUD, etc)
\$this->currency->getValue(\$currency) - get the current exchange rate from the database for the specified currency.
\$this->currency->has(currency) - Check if a currency exists in the opencart currency list

CUSTOMER
\$this->customer->login(\$email, \$password) - Log a customer in
\$this->customer->logout() - Log a customer out
\$this->customer->isLoggedIn() - check if customer is logged in
\$this->customer->getId() - get the database entry id for the current customer (integer)
\$this->customer->getFirstName() - get customer first name
\$this->customer->getLastName() - get customer last name
\$this->customer->getEmail() - get customer email
\$this->customer->getTelephone() - get customer telephone number
\$this->customer->getFax() - get customer fax number
\$this->customer->getNewsletter() - get customer newsletter status
\$this->customer->getCustomerId() - get customer group id
\$this->customer->getAddressId() - get customer default address id (maps to the address database field)

DATABASE
\$this->db->query(\$sql) - Execute the specified sql statement. Returns row data and rowcount.
\$this->db->escape(\$value) - Escape/clean data before entering it into database
\$this->db->countAffected(\$sql) - Returns count of affected rows from most recent query execution
\$this->db->getLastId(\$sql) - Returns last auto-increment id from more recent query execution

DOCUMENT (*Called from controller only before renderer)
\$this->document->setTitle(\$title) - Set page title
\$this->document->getTitle() - Get page title
\$this->document->setDescription(\$description) - Set meta description

\$this->document->getDescription() - Get meta description
\$this->document->setKeywords() - Set meta keywords
\$this->document->getKeywords() - Get meta keywords
\$this->document->setBase(\$base) - Set page base
\$this->document->getBase() - Get page base
\$this->document->setCharset(\$charset) - Set page charset
\$this->document->getCharset() - Get page charset
\$this->document->setLanguage(\$language) - Set page language
\$this->document->getLanguage() - Get page language
\$this->document->setDirection(\$direction) - Set page direction (rtl/ltr)
\$this->document->getDirection() - Get page direction (rtl/ltr)
\$this->document->addLink(\$href, \$rel) - Add dynamic <link> tag
\$this->document->getLinks() - Get page link tags
\$this->document->addStyle(\$href, \$rel = 'stylesheet', \$media = 'screen') - Add dynamic style
\$this->document->getStyles() - Get page styles
\$this->document->addScript(\$script) - Add dynamic script
\$this->document->getScripts() - Get page scripts
\$this->document->addBreadcrumb(\$text, \$href, \$separator = ' > ') - Add breadcrumb
\$this->document->getBreadcrumbs() - Get Breadcrumbs

ENCRYPT
\$this->encryption->encrypt(\$value) - Encrypt data based on key in admin settings
\$this->encryption->decrypt(\$value) - Decrypt data based on key in admin settings

IMAGE
\$this->image->resize(\$width = 0, \$height = 0)

JSON
\$this->json->encode(\$data)
\$this->json->decode(\$data , \$assoc = FALSE)

LANGUAGE
\$this->language->load(\$filename);

LENGTH
\$this->length->convert(\$value, \$from, \$to) - convert a length to another. units must exist
\$this->length->format(\$value, \$unit, \$decimal_point = '.', \$thousand_point = ',') - format the length to use unit

LOG
\$this->log->write(\$message) - Writes to the system error log

REQUEST
\$this->request->clean(\$data) - Cleans the data coming in to prevent XSS
\$this->request->get['x'] - Same as \$_GET['x']
\$this->request->post['x'] - Same as \$_POST['x']

RESPONSE
\$this->response->addHeader(\$header) - additional php header tags can be defined here
\$this->response->redirect(\$url) - redirects to the url specified

TAX
\$this->tax->setZone(\$country_id, \$zone_id) - Set the country and zone id for taxing (integer)
\$this->tax->calculate(\$value, \$tax_class_id, \$calculate = TRUE) - Calculate all taxes to be added to the total
\$this->tax->getRate(\$tax_class_id) - Get the rates of a tax class id
\$this->tax->getDescription(\$tax_class_id) - Get the description of a tax class id
\$this->tax->has(\$tax_class_id) - Check if a tax class id exists in opencart

SESSION
\$this->session->data['x'] - Same as \$_SESSION['x']