



# Developer's Guide

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## Sections:

1. Database Structure
2. System Variables
3. Custom Scripting Slots

# Database Structure

Following is an outline of the Modular Merchant database structure, and a definition of each database field.

<b>Database Table: HIT_bandwidth</b>		
<b>Description:</b> Tracks the bandwidth usage of the account on a daily basis.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
day	tinyint(2)	Day of the month of this entry.
week	tinyint(2)	Week of the year of this entry.
month	tinyint(2)	Number of the month of the year of this entry.
year	smallint(4)	Four-digit number of the year of this entry.
bytes	bigint(5)	Total bytes for this entry.

<b>Database Table: HIT_source</b>		
<b>Description:</b> Tracks the referrers of traffic to the account.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
day	tinyint(2)	Day of the month of this entry.
week	tinyint(2)	Week of the year of this entry.
month	tinyint(2)	Number of the month of the year of this entry.
year	smallint(4)	Four-digit number of the year of this entry.
url	varchar(255)	Web address (URL) of this source.
hits	int(10)	Number of times this source has been recorded in this entry.

<b>Database Table: HIT_target</b>		
<b>Description:</b> Tracks the URL of the store page to which referrer traffic is linking to.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
day	tinyint(2)	Day of the month of this entry.
week	tinyint(2)	Week of the year of this entry.
month	tinyint(2)	Number of the month of the year of this entry.
year	smallint(4)	Four-digit number of the year of this entry.
url	varchar(255)	Web address (URL) of the target location.
hits	int(10)	Number of times this target has been recorded in this entry.

<b>Database Table: HIT_traffic</b>		
<b>Description:</b> Tracks information on the amount of traffic the account receives on a daily basis.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
day	tinyint(2)	Day of the month of this entry.
week	tinyint(2)	Week of the year of this entry.
month	tinyint(2)	Number of the month of the year of this entry.
year	int(4)	Four-digit number of the year of this entry.
hits	int(10)	Number of recorded hits in this entry.

<b>Database Table: HIT_unique</b>		
<b>Description:</b> Tracks the number and IP address of unique account visitors.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
ip	varchar(25)	IP address of this unique website visitor.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
day	tinyint(2)	Day of the month of this entry.
week	tinyint(2)	Week of the year of this entry.
month	tinyint(2)	Number of the month of the year of this entry.
year	int(4)	Four-digit number of the year of this entry.
hits	int(10)	Number of times this IP address has connected in this entry.

<b>Database Table: admins</b>		
<b>Description:</b> Information about the store's Administrator accounts.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number.
active	char(1)	Whether this Admin account is active. (Y/N)
admin_type	char(1)	Admin type (S,A,F,C,M)
login	varchar(250)	Name used when logging in as this Admin.
password	varchar(250)	This admin's account password.
email	varchar(250)	This admin's email address.
first_name	varchar(250)	This admin's first name.
last_name	varchar(250)	This admin's last name.
address1	varchar(250)	First line of this this admin's address.
address2	varchar(250)	Second line of this admin's address (if necessary).
city	varchar(250)	City associated with this admin account.
state	varchar(20)	State associated with this admin account.

zip	varchar(50)	Zip code associated with this admin account.
country	varchar(20)	Country associated with this admin account.
company	varchar(250)	Company associated with this admin account.
phone1	varchar(50)	Primary phone number associated with this admin account.
phone2	varchar(50)	Secondary phone number associated with this admin account.
fax	varchar(50)	Fax number associated with this admin account.
notes	varchar(250)	Internal notes appended to this admin account.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

### Database Table: ban\_list

**Description:** Values that have been banned from placing orders in the store.

Field	Format	Description
id	int(10)	System ID number of this entry.
value	varchar(250)	The string to be matched by the ban tool.
description	varchar(250)	Internal description of this banned value.
banned	char(1)	Whether or not this value is banned. (Y/N)
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

### Database Table: basket

**Description:** Contents of customer shopping baskets.

Field	Format	Description
id	int(10)	System ID number of this basket entry.
basket_id	varchar(250)	Alphanumeric basket session ID number.
prod_id	int(10)	System ID number of the product in this entry.
qty	int(10)	Quantity of this product in the basket.
create_date	int(10)	Unix timestamp of the date this entry was created.
mods	varchar(250)	Product Modifiers assigned to this basket entry.
is_gc	char(1)	Whether this entry is a gift certificate. (Y/N)
use_price	int(10)	Whether to use an admin price override. (Admin SID)
price	double(16,2)	The value of admin price override.
cid	int(10)	Customer SID associated with this entry.
ship_addr_id	int(10)	Shipping Address SID associated with this entry.
aff_cert	int(10)	Affiliate tracking ID associated with this entry.

gift_wrap	char(1)	Whether this entry should be gift wrapped. (Y/N)
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<b>Database Table: bulk_discounts</b>		
<b>Description:</b> Formulas for bulk discounts that can be applied to products.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this bulk discount.
name	varchar(250)	Name of this bulk discount.
active	char(1)	Whether this bulk discount is active. (Y/N)
bd_tier1_min	int(6)	Minimum units of the associated product required to trigger tier 1 of this bulk discount.
bd_tier1_max	int(6)	Maximum units of the associated product required to trigger tier 1 of this bulk discount.
bd_tier1_value	double(16,2)	Value of tier 1 of this bulk discount.
bd_tier1_type	char(1)	Type of this bulk discount. (Dollar or Percentage)
bd_tier2_min	int(6)	Minimum units of the associated product required to trigger tier 2 of this bulk discount.
bd_tier2_max	int(6)	Maximum units of the associated product required to trigger tier 2 of this bulk discount.
bd_tier2_value	double(16,2)	Value of tier 2 of this bulk discount.
bd_tier2_type	char(1)	Type of this bulk discount. (Dollar or Percentage)
bd_tier3_min	int(6)	Minimum units of the associated product required to trigger tier 3 of this bulk discount.
bd_tier3_max	int(6)	Maximum units of the associated product required to trigger tier 3 of this bulk discount.
bd_tier3_value	double(16,2)	Value of tier 3 of this bulk discount.
bd_tier3_type	char(1)	Type of this bulk discount. (Dollar or Percentage)
bd_tier4_min	int(6)	Minimum units of the associated product required to trigger tier 4 of this bulk discount.
bd_tier4_max	int(6)	Maximum units of the associated product required to trigger tier 4 of this bulk discount.
bd_tier4_value	double(16,2)	Value of tier 4 of this bulk discount.
bd_tier4_type	char(1)	Type of this bulk discount. (Dollar or Percentage)
bd_tier5_min	int(6)	Minimum units of the associated product required to trigger tier 5 of this bulk discount.
bd_tier5_max	int(6)	Maximum units of the associated product required to trigger tier 5 of this bulk discount.
bd_tier5_value	double(16,2)	Value of tier 5 of this bulk discount.
bd_tier5_type	char(1)	Type of this bulk discount. (Dollar or Percentage)
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: cmrG</b>		
<b>Description:</b> Customer groups.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this customer group.
name	varchar(250)	Name of this customer group.
notes	varchar(250)	Internal notes associated with this customer group.
active	char(1)	Whether this customer group is active. (Y/N)
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: cmrG_cmr_assoc</b>		
<b>Description:</b> Customer Groups / Customer associations.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
cmr_class_id	int(10)	Customer group System ID.
cid	int(10)	Customer System ID.

<b>Database Table: cmr_ref</b>		
<b>Description:</b> Customer reference data.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID of this entry.
cid	int(10)	Customer System ID.
cc_num	varchar(255)	Credit card number (encrypted).
cc_name	varchar(255)	Credit card name (encrypted).
cc_mon	varchar(255)	Credit card month (encrypted).
cc_year	varchar(255)	Credit card year (encrypted).
cc_security	varchar(255)	Credit card security number (encrypted).
is_primary	char(1)	Whether this is the customer's primary credit card. (Y/N)

<b>Database Table: cmr_ship_addr</b>		
<b>Description:</b> Customer shipping addresses.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this shipping address.
cid	int(10)	Customer SID associated with this shipping address.
is_default	char(1)	Whether this is the customer's default shipping address. (Y/N)
display_name	varchar(255)	Name for this shipping address displayed in the storefront selection menus.
ship_first_name	varchar(250)	Shipping address first name.

ship_last_name	varchar(250)	Shipping address last name.
ship_address1	varchar(250)	Shipping address line 1.
ship_address2	varchar(250)	Shipping address line 2 (if necessary).
ship_city	varchar(250)	Shipping address city.
ship_state	varchar(20)	Shipping address state.
ship_zip	varchar(50)	Shipping address zip code.
ship_country	varchar(20)	Shipping address country.

<b>Database Table: customers</b>		
<b>Description:</b> Customer account records.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	Customer System ID number.
email	varchar(250)	Customer's email address.
password	varchar(250)	Customer's account password.
bill_first_name	varchar(250)	Billing first name.
bill_last_name	varchar(250)	Billing last name.
bill_address1	varchar(250)	Billing address line 1.
bill_address2	varchar(250)	Billing address line 2 (if necessary).
bill_city	varchar(250)	Billing city.
bill_state	varchar(20)	Billing state.
bill_zip	varchar(50)	Billing zip code.
bill_country	varchar(20)	Billing country.
phone_ac	varchar(10)	Phone number area code.
phone	varchar(50)	Phone number.
active	char(1)	Whether this customer account is active. (Y/N)
cmr_custom_1	varchar(250)	Contents of Custom Customer field 1.
cmr_custom_2	varchar(250)	Contents of Custom Customer field 2.
cmr_custom_3	varchar(250)	Contents of Custom Customer field 3.
cmr_custom_4	varchar(250)	Contents of Custom Customer field 4.
cmr_custom_5	varchar(250)	Contents of Custom Customer field 5.
cmr_custom_6	varchar(250)	Contents of Custom Customer field 6.
cmr_custom_7	varchar(250)	Contents of Custom Customer field 7.
cmr_custom_8	varchar(250)	Contents of Custom Customer field 8.
cmr_custom_9	varchar(250)	Contents of Custom Customer field 9.
cmr_custom_10	varchar(250)	Contents of Custom Customer field 10.
use_prev_cc	int(10)	Whether to use the list of the customer's previously used credit cards during the checkout process.
has_tab	char(1)	Whether this customer has a "tab"/is "on account". (Y/N)

tab_terms	int(6)	The number of days in this customer's tab.
tab_limit	double(16,2)	The maximum value of this customer's tab.
tax_exempt	char(1)	Whether this customer is tax exempt. (Y/N)
notes	text	Internal notes associated with this customer's account.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: discG</b>		
<b>Description:</b> Discount groups.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this discount group.
name	varchar(250)	Name of this discount group.
value	double(16,2)	Value of this discount group.
value_type	char(1)	Discount type (Dollar or Percentage)
notes	varchar(250)	Internal notes about this discount group.
active	char(1)	Whether this discount group is active. (Y/N)
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: discG_cmrG_assoc</b>		
<b>Description:</b> Discount Group / Customer Group associations		
<b>Field</b>	<b>Format</b>	<b>Description</b>
disc_grp_id	int(10)	Discount group System ID.
cmr_class_id	int(10)	Customer group System ID.

<b>Database Table: discG_prod_assoc</b>		
<b>Description:</b> Discount Group / Product associations		
<b>Field</b>	<b>Format</b>	<b>Description</b>
disc_grp_id	int(10)	Discount group System ID.
prod_id	int(10)	Product System ID.

<b>Database Table: order_items</b>		
<b>Description:</b> Products that have been included in store orders.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID of this entry.
order_id	int(10)	System ID of the associated order.
prod_id	int(10)	System ID of the product associated with this entry.
qty	int(10)	Quantity of the product purchased.
price	double(16,2)	Price of the product purchased.
create_date	int(10)	Unix timestamp of the date this entry was created.
ship_date	int(10)	Unix timestamp of the date this entry was marked as shipped.
report_date	int(10)	Unix timestamp of the date this entry was included in a fulfillment report.
mods	varchar(250)	Product Modifier System IDs associated with this entry.
status	tinyint(3)	Stock/Shipping status of this entry.
day	int(3)	Day of the month of this entry.
week	tinyint(2)	Week of the year of this entry.
month	tinyint(2)	Number of the month of this entry.
year	int(4)	Four-digit number of the year of this entry.
gift_wrap	char(1)	Whether this entry should be gift wrapped. (Y/N)

<b>Database Table: orders</b>		
<b>Description:</b> Orders that have been placed in the store account.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this order.
cart_id	varchar(255)	Cart ID number of this order.
subtotal	double(16,2)	The subtotal of this order.
state_tax	double(16,2)	State tax applied to this order.
country_tax	double(16,2)	Country tax applied to this order.
zip_tax	double(16,2)	Zip code tax applied to this order.
gw_total	double(16,2)	Total of any gift wrapping fees for this order.
ship_total	double(16,2)	Total of any shipping fees for this order.
grand_total	double(16,2)	Grand total of this order.
coupon_codes	varchar(250)	Any coupon codes associated with this order.
coupon_value	double(16,2)	Total value of any coupons associated with this order.
cogs	double(16,2)	Total cost of goods of this order.
msrp	double(16,2)	Total manufacturer's suggested retail price of this order.
cid	int(10)	Customer System ID number associated with this order.

email	varchar(250)	Email address associated with this order.
ship_first_name	varchar(250)	Order's shipping first name.
ship_last_name	varchar(250)	Order's shipping last name.
ship_address1	varchar(250)	Order's shipping address line 1.
ship_address2	varchar(250)	Order's shipping address line 2 (if necessary).
ship_city	varchar(250)	Order's shipping city.
ship_state	varchar(20)	Order's shipping state.
ship_zip	varchar(50)	Order's shipping zip code.
ship_country	varchar(20)	Order's shipping country.
bill_first_name	varchar(250)	Order's billing first name.
bill_last_name	varchar(250)	Order's billing last name.
bill_address1	varchar(250)	Order's billing address line 1.
bill_address2	varchar(250)	Order's billing address line 2 (if necessary).
bill_city	varchar(250)	Order's billing city.
bill_state	varchar(250)	Order's billing state.
bill_zip	varchar(20)	Order's billing zip.
bill_country	varchar(50)	Order's billing country.
phone_ac	varchar(20)	Phone number area code associated with this order.
phone	varchar(250)	Phone number associated with this order.
cmr_ip	varchar(250)	IP address of the user that placed this order.
ship_method	varchar(250)	Name of the shipping method associated with this order.
ship_id	int(10)	System ID number of the shipping method associated with this order.
pay_method	varchar(250)	Name of the payment method associated with this order.
cc_name	varchar(250)	Credit card name (encrypted).
cc_num	varchar(250)	Credit card number (encrypted).
cc_mon	varchar(250)	Credit card month (encrypted).
cc_year	varchar(250)	Credit card year (encrypted).
cc_security	varchar(250)	Credit card security code (encrypted).
hidden	char(1)	Whether this order has been archived. (Y/N)
basket_id	varchar(250)	The alphanumeric basket ID associated with this order's shopping session.
tracking_id	varchar(250)	Any shipping tracking ID numbers associated with this order.
gateway	varchar(50)	Name of the payment gateway for this order.
gateway_response_1	varchar(250)	Response 1 from the payment gateway used for this order.
gateway_response_2	varchar(250)	Response 2 from the payment gateway used for this order.
gateway_response_3	varchar(250)	Response 3 from the payment gateway used for this order.
gateway_response_4	varchar(250)	Response 4 from the payment gateway used for this order.
gateway_response_5	varchar(250)	Response 5 from the payment gateway used for this order.

gateway_response_6	varchar(250)	Response 6 from the payment gateway used for this order.
gateway_response_7	varchar(250)	Response 7 from the payment gateway used for this order.
gateway_response_8	varchar(250)	Response 8 from the payment gateway used for this order.
gateway_response_9	varchar(250)	Response 9 from the payment gateway used for this order.
gateway_response_10	varchar(250)	Response 10 from the payment gateway used for this order.
order_custom_1	varchar(250)	Contents of Custom Checkout Field 1 for this order.
order_custom_2	varchar(250)	Contents of Custom Checkout Field 2 for this order.
order_custom_3	varchar(250)	Contents of Custom Checkout Field 3 for this order.
order_custom_4	varchar(250)	Contents of Custom Checkout Field 4 for this order.
order_custom_5	varchar(250)	Contents of Custom Checkout Field 5 for this order.
order_custom_6	varchar(250)	Contents of Custom Checkout Field 6 for this order.
order_custom_7	varchar(250)	Contents of Custom Checkout Field 7 for this order.
order_custom_8	varchar(250)	Contents of Custom Checkout Field 8 for this order.
order_custom_9	varchar(250)	Contents of Custom Checkout Field 9 for this order.
order_custom_10	varchar(250)	Contents of Custom Checkout Field 10 for this order.
cert_id	int(10)	System ID of any affiliate tracking ID number associated with this order.
notes	text	Any public notes associated with this order.
create_date	int(10)	Unix timestamp of the date this order was placed.
funds_auth_date	int(10)	Unix timestamp of the date the funds associated with this order were authorized for collection.
bill_date	int(10)	Unix timestamp of the date this order was paid.
day	int(3)	Day of the month this order was placed.
week	tinyint(2)	Week of the year this order was placed.
month	tinyint(2)	Number of the month this order was placed.
year	int(4)	Four-digit number of the year this order was placed.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID of the admin associated with the most recent modifications of this entry.

<b>Database Table: prod_cat_assoc</b>		
<b>Description:</b> Product / Category association		
<b>Field</b>	<b>Format</b>	<b>Description</b>
prod_id	int(10)	Product System ID number.
cat_id	int(10)	Category System ID number.

<b>Database Table: prod_cats</b>		
<b>Description:</b> Product categories		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number for this entry.
name	varchar(250)	Name of this product category.
description	text	Description of this product category.
display_order	int(10)	Display order of this product category.
parent_cat	int(10)	Parent category of this category.
img_menu	varchar(250)	URL or path of the image to be displayed in the category menu.
img_small	varchar(250)	URL or path of the image to be displayed in the webpage list of categories.
active	char(1)	Whether this category is active (Y/N).
homepage	varchar(250)	URL of the webpage used to override the default storefront page for this category.
skin	varchar(250)	Name of the Skin that should be used on this category's store page.
meta_tags	text	Meta tags to be included in the source code of this category's store page.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID of the admin associated with the most recent edits to this entry.

<b>Database Table: prod_field_families</b>		
<b>Description:</b> Product field families		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this Product Field Family.
name	varchar(250)	Name of this product field family.
notes	varchar(250)	Internal notes about this product field family.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: prod_fields</b>		
<b>Description:</b> Product fields		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this product field.
display_order	int(10)	Display order of this product field.
active	char(1)	Whether this product field is active. (Y/N)
parent	int(10)	Parent associated with this product field.
name	varchar(250)	Name of this product field.

is_strict	char(1)	Whether this product field has been set to strict content mode.
num_lines	tinyint(3)	Number of lines associated with this field, if it is a multiline text field.
is_req	char(1)	Whether this product field is required during the checkout process.

<b>Database Table: prod_inv</b>		
<b>Description:</b> Product inventory records		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this entry.
prod_id	int(10)	System ID number of this product.
mods	varchar(250)	System ID numbers of the product modifiers associated with this product.
stock	int(10)	Number of units in stock for this product.
inf_stock	char(1)	Whether this product is set to infinite stock. (Y/N)
sku	varchar(100)	SKU ID number assigned to this version of the product.
status	int(2)	Stock/shipping status of this product.

<b>Database Table: prod_manufs</b>		
<b>Description:</b> Product manufacturers		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this product manufacturer.
name	varchar(250)	Name of this product manufacturer.
email	varchar(250)	Email address associated with this product manufacturer.
address1	varchar(250)	Manufacturer's address line 1.
address2	varchar(250)	Manufacturer's address line 2 (if necessary).
city	varchar(250)	Manufacturer's city.
state	varchar(20)	Manufacturer's state.
zip	varchar(50)	Manufacturer's zip code.
country	varchar(20)	Manufacturer's country.
phone1	varchar(50)	Manufacturer's primary phone number.
phone2	varchar(50)	Manufacturer's secondary phone number.
fax	varchar(50)	Manufacturer's fax number.
url	varchar(250)	URL of Manufacturer's website.
description	varchar(250)	Description of this manufacturer.
display_order	int(10)	Display order of this entry.
homepage	varchar(250)	URL of the website that will override the default store web page for this manufacturer.
skin	varchar(250)	Skin that should be used on the store web page for this manufacturer.
active	char(1)	Whether this manufacturer is active. (Y/N)
meta_tags	text	Meta tags that should be included in the source code for this manufacturer's

		store web page.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: prod_mod_families</b>		
<b>Description:</b> Product modifier families		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this product modifier family.
display_order	int(10)	Display order of this entry.
name	varchar(250)	Name of this product modifier family.
display_name	varchar(250)	Name that will be displayed in the selection menu in the storefront for this product modifier family.
notes	varchar(250)	Internal notes about this product modifier family.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: prod_mods</b>		
<b>Description:</b> Product modifiers		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this product modifier.
display_order	int(10)	Display order of this entry.
active	char(1)	Whether this product modifier is active.
family_id	int(10)	System ID number of the family associated with this product modifier.
name	varchar(250)	Name of this product modifier.
notes	varchar(250)	Internal notes about this product modifier.
value	double(16,2)	Value of this product modifier.
value_type	char(1)	Whether this product modifier has a dollar or percentage value.

<b>Database Table: products</b>		
<b>Description:</b> Product records		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this product.
display_order	int(10)	Display order of this entry.
active	char(1)	Whether this product is active. (Y/N)
storefront	char(1)	Whether this product should be displayed on the home page of the storefront. (Y/N)

default_category	int(10)	SID of the default category associated with this product.
manuf_id	int(10)	SID of the manufacturer associated with this product.
name	varchar(250)	Name of this product.
stat_notes	varchar(250)	Notes that appear in the "statistics" section of the product's store page.
short_description	text	Short product description.
long_description	text	Long product description.
img_basket	varchar(250)	URL or path of image to appear in the shopping basket for this product.
img_1_cap	varchar(250)	Caption of image 1 associated with this product.
img_s_1	varchar(250)	Small version of image 1 associated with this product.
img_m_1	varchar(250)	Medium version of image 1 associated with this product.
img_l_1	varchar(250)	Large version of image 1 associated with this product.
img_2_cap	varchar(250)	Caption of image 2 associated with this product.
img_s_2	varchar(250)	Small version of image 2 associated with this product.
img_m_2	varchar(250)	Medium version of image 2 associated with this product.
img_l_2	varchar(250)	Large version of image 2 associated with this product.
img_3_cap	varchar(250)	Caption of image 3 associated with this product.
img_s_3	varchar(250)	Small version of image 3 associated with this product.
img_m_3	varchar(250)	Medium version of image 3 associated with this product.
img_l_3	varchar(250)	Large version of image 3 associated with this product.
img_4_cap	varchar(250)	Caption of image 4 associated with this product.
img_s_4	varchar(250)	Small version of image 4 associated with this product.
img_m_4	varchar(250)	Medium version of image 4 associated with this product.
img_l_4	varchar(250)	Large version of image 4 associated with this product.
weight	int(10)	Total ounces or grams for this product.
cogs	double(16,2)	Product's cost of goods.
msrp	double(16,2)	Product's manufacturer's suggested retail price.
price	double(15,3)	Product's price.
sale_price	double(15,3)	Product's sale price.
sale_start_date	int(10)	Unix timestamp of the date that the sale price should take affect.
sale_end_date	int(10)	Unix timestamp of the date that the sale price should stop taking affect.
min_qty	int(10)	Minimum quantity of this product that may be purchased.
max_qty	int(10)	Maximum quantity of this product that may be purchased.
aff_com_cap	double(16,2)	Maximum value an affiliate may earn for the sale of this product per unit.
aff_com_val	int(10)	System ID number of the commission value assigned to this product.
aff_resources	varchar(250)	URL of the web page containing affiliate resources for this product.
aff_can_sell	char(1)	Whether affiliates may earn a commission on the sale of this product. (Y/N)
homepage	varchar(250)	URL of the website that will override the default store web page for this product.

skin	varchar(250)	Skin to be used on the store web page for this product.
field_families	int(10)	Product field families assigned to this product.
digdel_ship_type	varchar(50)	Digital product shipping type.
digdel_objects	varchar(250)	Digital objects assigned to this product.
rebill_term	int(10)	Number of days in the rebilling term for this product.
rebill_term_text	varchar(250)	Text to be appended after the product's price throughout the storefront.
rebill_times	int(10)	Number of times this product will reschedule itself for repeat billing.
rebill_as	int(10)	System ID of the product this one will change into when rebilling.
use_tax	char(1)	Whether this product should be included in the tax calculation during the checkout process. (Y/N)
requires_shipping	char(1)	Whether this product requires shipping. (Y/N)
use_shipping	char(1)	Whether to this product should be included in the shipping fee calculation during the checkout process. (Y/N)
additional_shipping	double(16,2)	Additional shipping fees to be applied to this product.
fee_zones	varchar(250)	System ID numbers of the Fee Zones assigned to this product.
buy_check_id	int(10)	System ID numbers of the buy zone check assigned to this product.
mod_families	varchar(100)	System ID numbers of the product modifier families assigned to this product.
is_gc	char(1)	Whether this product is a gift certificate. (Y/N)
ful_account	int(10)	Fulfillment admin account assigned to this product.
bd_id	int(10)	System ID number of the bulk discount formula assigned to this product.
acct_area_notes	varchar(250)	Notes to be displayed in the customer's account area when this product is purchased.
use_AR	char(1)	Whether to send a thank you email when this product is purchased. (Y/N)
subject_AR	varchar(250)	Subject of this product's thank you email.
text_AR	text	Contents of this product's thank you email.
keywords	varchar(250)	Keywords to be included in the source code of this product's store web page.
notes	varchar(250)	Internal notes about this product.
use_gift_wrap	char(1)	Whether this product should display a gift wrap option in the customer's basket. (Y/N)
gift_wrap_fee	double(16,2)	Value of the gift wrapping fee associated with this product.
meta_tags	text	Meta tags to be included in the source code of this product's store web page.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: promoG</b>		
<b>Description:</b> Promotion Groups (add-on module)		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this promotion group.
name	varchar(250)	Name of this promotion group.
description	varchar(255)	Internal description of this promotion group.
active	char(1)	Whether this promotion group is active. (Y/N)
start_date	int(10)	Unix timestamp of the date this promotion takes affect.
end_date	int(10)	Unix timestamp of the date this promotion is no longer in affect.
min_subtotal	double(16,2)	Minimum order subtotal required to trigger this promotion.
prod_ids	varchar(255)	System ID numbers of the products associated with this promotion.
qty_req	varchar(255)	Quantity of each product required to trigger this promotion.
prod_discount	varchar(255)	Product discounts to be applied if this promotion is triggered.
prod_no_ship_fees	char(1)	Whether the products included in this promotion receive free shipping. (Y/N)
order_no_ship_fees	varchar(250)	Whether the order receives free shipping if this promotion is triggered. (Y/N)
free_add_to_basket	varchar(255)	System ID numbers of gratis products to be added to this order if this promotion is triggered.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.
trigger_cats	varchar(250)	System ID numbers of categories that may trigger this promotion.
result_cats	varchar(250)	System ID numbers of categories that will receive discounts when this promotion is triggered.
result_cat_value	double(16,2)	Value of the product discount to be applied if this promotion is triggered.
result_cat_type	char(1)	Type of discount to be applied. (Dollar value or percentage)
result_prod_ids	varchar(255)	System ID numbers of products that will receive discounts when this promotion is triggered.

<b>Database Table: rec_order_items</b>		
<b>Description:</b> Products to be included in scheduled orders		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this entry.
cid	int(10)	Customer System ID number associated with this entry.
prod_inv_id	int(10)	System ID number of the prod_inv table entry associated with this entry.
qty	int(10)	Number of units of this product that were purchased.
price	double(16,2)	Price of this order item.
create_date	int(10)	Unix timestamp of the date this order item entry was created.
ship_date	int(10)	Unix timestamp of the date this order item was marked as shipped.

report_date	int(10)	Unix timestamp of the date this order item was included in a fulfillment report.
mods	varchar(250)	System ID numbers of the product modifiers associated with this order item entry.
status	tinyint(3)	Stock/shipping status of this order item entry.
day	int(3)	Day of the month this entry was created.
week	tinyint(2)	Week of the year this entry was created.
month	tinyint(2)	Number of the month this entry was created.
year	int(4)	Four-digit number of the year this entry was created.
gift_wrap	char(1)	Whether this order item should be gift wrapped. (Y/N)

### Database Table: rec\_orders

**Description:** Scheduled orders

Field	Format	Description
id	int(10)	System ID number of this scheduled order.
cid	int(10)	Customer System ID number associated with this scheduled order.
ship_addr_id	int(10)	System ID number of the shipping address associated with this scheduled order.
gateway	varchar(100)	Payment gateway associated with this scheduled order.
cc_name	varcahr(255)	Credit card name (encrypted).
cc_num	varcahr(255)	Credit card number (encrypted).
cc_mon	varcahr(250)	Credit card month (encrypted).
cc_year	varcahr(250)	Credit card year (encrypted).
cc_security	varcahr(250)	Credit card security code (encrypted).
ship_id	int(10)	System ID of the shipping method assigned to this scheduled order.
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.
notes	varcahr(255)	Internal notes about this scheduled order.

### Database Table: search\_log

**Description:** Log of search phrases used in the store search tool (add-on module)

Field	Format	Description
id	int(10)	System ID number of this entry.
cid	int(10)	Customer System ID associated with this entry.
phrase	varchar(255)	Search phrase used in the storefront.
create_date	int(10)	Unix timestamp of the date this entry was created.
day	tinyint(2)	Day of the month this entry was created.
week	tinyint(2)	Week of the year this entry was created.
month	tinyint(2)	Number of the month this entry was created.

year	smallint(4)	Four-digit number of the year this entry was created.
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<b>Database Table: shipping_rates</b>		
<b>Description:</b> Formulas used in calculating shipping rates		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of the shipping rate.
active	char(1)	Whether this shipping rate is active. (Y/N)
name	varcahr(250)	Name of this shipping rate.
display_order	int(10)	Display order of this entry.
type	varcahr(250)	The type of this shipping rate (ups, usps, fedex, or custom)
remote	char(1)	Whether the fees for this shipping rate should be retrieved from a remote server. (Y/N)
code	varcahr(250)	Internal code assigned to this shipping rate.
surcharge	double(16,2)	Value of any surcharge to be applied to this shipping rate.
surcharge_type	char(1)	Type of the surcharge to be applied to this shipping rate.
surcharge_calc	char(1)	Method by which the surcharge should be applied to this shipping rate.
min_value	double(16,2)	Minimum value override for this shipping rate.
max_value	double(16,2)	Maximum value override for this shipping rate.
base_value	double(16,2)	Base value per unit to be used in a custom shipping rate formula.
base_type	char(1)	Type of the base value.
base_calc	char(1)	Method by which the base value is to be calculated.
free_quota	double(16,2)	Value at which this shipping rate becomes free.
free_calc	char(1)	Method by which the value to determine if this shipping rate is free is to be calculated.
item_value	double(16,2)	Item value to be used in custom shipping rate formula.
item_type	char(1)	Type of item value.
item_calc	char(1)	Method by which item value is to be calculated.
item_quota	int(10)	Number of units to be used in the item calculation.
use_show_zones	char(1)	Whether to limit the display of this shipping rate to certain zones. (Y/N)
show_zips	text	List of zip codes to which the display of this shipping rate should be limited to (if any).
show_states	text	List of states to which the display of this shipping rate should be limited to (if any).
show_countries	text	List of countries to which the display of this shipping rate should be limited to (if any).
lo_limit_value	double(16,2)	Value of the minimum limit for this shipping rate.
lo_limit_calc	char(1)	Method by which the low limit value should be calculated.
hi_limit_value	double(16,2)	Value of the maximum limit for this shipping rate.
hi_limit_calc	char(1)	Method by which the hi limit value should be calculated.
edited_by	int(10)	System ID number of the admin account associated with the most recent

		modifications to this shipping rate.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.

<b>Database Table: tax</b>		
<b>Description:</b> Taxes		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this tax.
name	varchar(250)	Name of this tax.
notes	varchar(250)	Internal notes for this tax entry.
value	double(15,3)	Value of this tax.
type	char(1)	The type of value for this tax (dollar value or percentage).
zips	text	Zip codes to which this tax will be applied.
states	text	States to which this tax will be applied.
countries	text	Countries to which this tax will be applied.
active	char(1)	Whether this tax is active. (Y/N)
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

<b>Database Table: zone_fee</b>		
<b>Description:</b> Zone fees. Additional shipping charges applied to products, based on shipping destination.		
<b>Field</b>	<b>Format</b>	<b>Description</b>
id	int(10)	System ID number of this zone fee.
name	varchar(250)	Name of this zone fee.
notes	varchar(250)	Internal notes for this zone fee entry.
value	double(15,3)	Value of this zone fee.
type	char(1)	The type of value for this zone fee (dollar value or percentage).
zips	text	Zip codes to which this zone fee will be applied.
states	text	States to which this zone fee will be applied.
countries	text	Countries to which this zone fee will be applied.
active	char(1)	Whether this zone fee is active. (Y/N)
create_date	int(10)	Unix timestamp of the date this entry was created.
edit_date	int(10)	Unix timestamp of the most recent update to this entry.
edited_by	int(10)	System ID number of the most recent Admin to modify this entry.

# Checkout Variables

Below is a list of all of the PHP variables used during the shopping and checkout processes. Many of these variables can also be referenced within custom scripts (see the Custom Script Slots section of this document) or tracking tags added to your store's Skin files. (Skins are customizable HTML templates that can be added to each section of your storefront to customize the web design of your store & checkout areas.)

Shopping Variable Definition	Sample Contents
\$_SESSION[bid] <i>Basket ID number used in this shopping session</i>	726ccda77e72aa4fd154a4f1c8033 a76
\$_SESSION[feedback] <i>System-generated feedback, messages, warnings, etc.</i>	Please enter a billing address.
\$_SESSION[cid] <i>System ID number of the customer's account</i>	25
\$_SESSION[cmr_arr][cid] <i>System ID number of the customer's account</i>	25
\$_SESSION[cmr_arr][email] <i>Email address of customer's account</i>	user@email.com
\$_SESSION[cmr_arr][password] <i>Password of customer's account</i>	password
\$_SESSION[cmr_arr][bill_first_name] <i>Billing First Name associated with the customer's account</i>	Dudley
\$_SESSION[cmr_arr][bill_last_name] <i>Billing Last Name associated with the customer's account</i>	Heromin
\$_SESSION[cmr_arr][bill_address1] <i>Billing address line 1 associated with the customer's account</i>	123 Test Street
\$_SESSION[cmr_arr][bill_address2] <i>Billing address line 2 associated with the customer's account</i>	Suite A
\$_SESSION[cmr_arr][bill_city] <i>Billing city associated with the customer's account</i>	California
\$_SESSION[cmr_arr][bill_state] <i>Billing state_country iso codes associated with customer's account</i>	CA_US
\$_SESSION[cmr_arr][bill_zip] <i>Billing zip code associated with the customer's account</i>	90210
\$_SESSION[cmr_arr][bill_country_iso] <i>Billing country ISO code associated with the customer's account</i>	US
\$_SESSION[cmr_arr][phone_ac] <i>Phone area code associated with the customer's account</i>	123
\$_SESSION[cmr_arr][phone] <i>Phone number associated with the customer's account</i>	555-1234
\$_SESSION[cmr_arr][cid_active] <i>Whether the customer's account is active (Y/N)</i>	Y
\$_SESSION[cmr_arr][cmr_custom_1] <i>Contents of custom-made customer field 1</i>	Custom customer field contents
\$_SESSION[cmr_arr][cmr_custom_2] <i>Contents of custom-made customer field 2</i>	Custom customer field contents

<code>\$_SESSION[cmr_arr][cmr_custom_3]</code> <i>Contents of custom-made customer field 3</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_4]</code> <i>Contents of custom-made customer field 4</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_5]</code> <i>Contents of custom-made customer field 5</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_6]</code> <i>Contents of custom-made customer field 6</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_7]</code> <i>Contents of custom-made customer field 7</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_8]</code> <i>Contents of custom-made customer field 8</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_9]</code> <i>Contents of custom-made customer field 9</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][cmr_custom_10]</code> <i>Contents of custom-made customer field 10</i>	Custom customer field contents
<code>\$_SESSION[cmr_arr][use_prev_cc]</code> <i>Whether to display list of previously used credit cards during checkout</i>	0
<code>\$_SESSION[cmr_arr][has_tab]</code> <i>Whether or not the customer may place orders "on account" (Y/N)</i>	Y
<code>\$_SESSION[cmr_arr][tab_terms]</code> <i>The number of days in the customer's "account tab"</i>	30
<code>\$_SESSION[cmr_arr][tax_exempt]</code> <i>Whether or not taxes are applied to the customer's orders (Y/N)</i>	N
<code>\$_SESSION[cmr_arr][notes]</code> <i>Any notes associated with this customer's account</i>	Customer account notes
<code>\$_SESSION[cmr_arr][create_date]</code> <i>Unix timestamp of the date the customer's account was created</i>	1111463064
<code>\$_SESSION[cmr_arr][edit_date]</code> <i>Unix timestamp of the date the customer's account was edited</i>	1111463064
<code>\$_SESSION[cmr_arr][edited_by]</code> <i>System ID number of the Admin account to last edit this customer</i>	123
<code>\$_SESSION[cmr_arr][ship_addr_id]</code> <i>System ID number of the customer's "default" shipping address</i>	42
<code>\$_SESSION[cmr_arr][ship_first_name]</code> <i>First name associated with the customer's default shipping address</i>	Dudley
<code>\$_SESSION[cmr_arr][ship_last_name]</code> <i>Last name associated with the customer's default shipping address</i>	Heromin
<code>\$_SESSION[cmr_arr][ship_address1]</code> <i>Address line 1 associated with the customer's default shipping address</i>	123 Test Street
<code>\$_SESSION[cmr_arr][ship_address2]</code> <i>Address line 2 associated with the customer's default shipping address</i>	Suite A
<code>\$_SESSION[cmr_arr][ship_city]</code> <i>City associated with the customer's default shipping address</i>	Beverly Hills
<code>\$_SESSION[cmr_arr][ship_state]</code> <i>State_country ISO codes associated with the customer's default shipping address</i>	CA_US
<code>\$_SESSION[cmr_arr][ship_zip]</code>	90210

*Zip code associated with the customer's default shipping address*

<code>\$_SESSION[cmr_arr][ship_country_iso]</code> <i>Country ISO code associated with the customer's default shipping address</i>	US
<code>\$_SESSION[cmr_arr][ship_state_iso]</code> <i>State ISO code associated with the customer's default shipping address</i>	CA
<code>\$_SESSION[cmr_arr][ship_state_long]</code> <i>Long state name associated with the customer's default shipping address</i>	California
<code>\$_SESSION[cmr_arr][ship_country_long]</code> <i>Long country name associated with the customer's default shipping address</i>	United States
<code>\$_SESSION[cmr_arr][bill_state_iso]</code> <i>State ISO code associated with the customer's billing address</i>	CA
<code>\$_SESSION[cmr_arr][bill_state_long]</code> <i>Long state name associated with the customer's billing address</i>	California
<code>\$_SESSION[cmr_arr][bill_country_long]</code> <i>Long country name associated with the customer's billing address</i>	United States
<code>\$_SESSION[cmr_arr][ship_addr_arr]</code> <i>System ID number of each shipping address associated with this customer</i>	12
<code>\$_SESSION[order_arr][grand_total]</code> <i>Grand total of this order</i>	123.45
<code>\$_SESSION[order_arr][ship_fee_arr][#]</code> <i>Shipping fees associated with each shipping address in this order.*</i>	9.95
<code>\$_SESSION[order_arr][ship_name_arr][#]</code> <i>Name of the shipping method associated with each shipping address in this order.*</i>	Shipping Included
<code>\$_SESSION[order_arr][ship_id_arr][#]</code> <i>System ID numbers associated with each shipping address in this order.*</i>	0
<code>\$_SESSION[order_arr][ship_fees]</code> <i>The order's total shipping fees</i>	0
<code>\$_SESSION[order_arr][checkout_custom_1][#]</code> <i>Contents of Custom Checkout Field 1.*</i>	Green
<code>\$_SESSION[order_arr][checkout_custom_1_title]</code> <i>Title of Custom Checkout Field 1.*</i>	Favorite Color
<code>\$_SESSION[order_arr][checkout_custom_2][#]</code> <i>Contents of Custom Checkout Field 2.*</i>	Pizza
<code>\$_SESSION[order_arr][checkout_custom_2_title]</code> <i>Title of Custom Checkout Field 2.*</i>	Favorite Food
<code>\$_SESSION[order_arr][checkout_custom_3][#]</code> <i>Contents of Custom Checkout Field 3.*</i>	Google
<code>\$_SESSION[order_arr][checkout_custom_3_title]</code> <i>Title of Custom Checkout Field 3.*</i>	How Did You Hear About Us?
<code>\$_SESSION[order_arr][checkout_custom_4][#]</code> <i>Contents of Custom Checkout Field 4.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_4_title]</code> <i>Title of Custom Checkout Field 4.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_5][#]</code> <i>Contents of Custom Checkout Field 5.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_5_title]</code> <i>Title of Custom Checkout Field 5.*</i>	

<code>\$_SESSION[order_arr][checkout_custom_6][#]</code> <i>Contents of Custom Checkout Field 6.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_6_title]</code> <i>Title of Custom Checkout Field 6.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_7][#]</code> <i>Contents of Custom Checkout Field 7.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_7_title]</code> <i>Title of Custom Checkout Field 7.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_8][#]</code> <i>Contents of Custom Checkout Field 8.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_8_title]</code> <i>Title of Custom Checkout Field 8.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_9][#]</code> <i>Contents of Custom Checkout Field 9.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_9_title]</code> <i>Title of Custom Checkout Field 9.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_10][#]</code> <i>Contents of Custom Checkout Field 10.*</i>	
<code>\$_SESSION[order_arr][checkout_custom_10_title]</code> <i>Title of Custom Checkout Field 10.*</i>	
<code>\$_SESSION[order_arr][gateway]</code> <i>System name of the payment gateway associated with this order</i>	authnet
<code>\$_SESSION[basket_arr][ship_addr_id_arr][0]</code> <i>The System ID numbers of all shipping addresses associated with this order.**</i>	43
<code>\$_SESSION[basket_arr][#][all_cat_ids][0]</code> <i>The System ID numbers of categories associated with this product.**</i>	1
<code>\$_SESSION[basket_arr][#][prod_id][0]</code> <i>The System ID numbers of this product.**</i>	321
<code>\$_SESSION[basket_arr][#][additional_shipping][0]</code> <i>Any additional shipping fees assigned to this product.**</i>	0.00
<code>\$_SESSION[basket_arr][#][fee_zones][0]</code> <i>Any "fee zones" assigned to this product.**</i>	1,2,3
<code>\$_SESSION[basket_arr][#][mod_families][0]</code> <i>Any "product modifier" families assigned to this product.**</i>	1,2,3
<code>\$_SESSION[basket_arr][#][prod_name][0]</code> <i>Name of this product.**</i>	Sample Product
<code>\$_SESSION[basket_arr][#][img_basket][0]</code> <i>Relative path of the "basket image" for this product.**</i>	img/image.gif
<code>\$_SESSION[basket_arr][#][cogs][0]</code> <i>Cost of Goods assigned to this product.**</i>	1.23
<code>\$_SESSION[basket_arr][#][msrp][0]</code> <i>Manufacturer's Suggested Retail Price assigned to this product.**</i>	1.23
<code>\$_SESSION[basket_arr][#][orig_price][0]</code> <i>Original product price, before any discounts are applied to it.**</i>	1.234
<code>\$_SESSION[basket_arr][#][unit_price][0]</code> <i>Final product unit price, after any discounts are applied to it.**</i>	1.234
<code>\$_SESSION[basket_arr][#][sale_price][0]</code>	1.234

*Sale price assigned to this product.\*\**

<code>\$_SESSION[basket_arr][#][sale_start_date][0]</code> <i>Unix timestamp of when the product's sale price should start to override its original price.**</i>	1234567890
<code>\$_SESSION[basket_arr][#][sale_end_date][0]</code> <i>Unix timestamp of when the product's sale price should stop overriding its original price.**</i>	1234567890
<code>\$_SESSION[basket_arr][#][min_qty][0]</code> <i>Minimum quantity of the product that may be purchased.**</i>	0
<code>\$_SESSION[basket_arr][#][max_qty][0]</code> <i>Maximum quantity of the product that may be purchased.**</i>	0
<code>\$_SESSION[basket_arr][#][product_type][0]</code> <i>Type assigned to this product. (tangible, digital, hybrid)**</i>	digital
<code>\$_SESSION[basket_arr][#][digdel_objects][0]</code> <i>Digital Objects assigned to this product.**</i>	18,3
<code>\$_SESSION[basket_arr][#][rebill_term][0]</code> <i>Number of seconds before this product should reschedule itself to be billed again.**</i>	1234567890
<code>\$_SESSION[basket_arr][#][rebill_term_text][0]</code> <i>Rebill term text assigned to this product, which is appended to the product's price throughout the storefront.**</i>	monthly
<code>\$_SESSION[basket_arr][#][rebill_times][0]</code> <i>Number of times this product should schedule itself for rebilling.**</i>	100
<code>\$_SESSION[basket_arr][#][rebill_as][0]</code> <i>After this product's rebill times has ended, the System ID number of the product it should switch to.**</i>	123
<code>\$_SESSION[basket_arr][#][is_gc][0]</code> <i>Whether the product is a Gift Certificate or not.**</i>	N
<code>\$_SESSION[basket_arr][#][use_shipping][0]</code> <i>Whether the product should be included in the shipping calculation or not.**</i>	N
<code>\$_SESSION[basket_arr][#][req_shipping][0]</code> <i>Whether the product requires physical shipping or not.**</i>	N
<code>\$_SESSION[basket_arr][#][use_tax][0]</code> <i>Whether the product should be used when calculating taxes or not.**</i>	Y
<code>\$_SESSION[basket_arr][#][weight][0]</code> <i>Product weight, in ounces or grams.**</i>	123
<code>\$_SESSION[basket_arr][#][bd_id][0]</code> <i>System ID numbers of any bulk discounts applied to this product.**</i>	1
<code>\$_SESSION[basket_arr][#][ar_use][0]</code> <i>Whether the product triggers an autoresponder email when purchased or not.**</i>	N
<code>\$_SESSION[basket_arr][#][ar_subject][0]</code> <i>The subject line of any autoresponder email.**</i>	Thank You for your Purchase
<code>\$_SESSION[basket_arr][#][ar_body][0]</code> <i>The body of any autoresponder email.**</i>	Thank you for shopping our store.
<code>\$_SESSION[basket_arr][#][use_gift_wrap][0]</code> <i>Whether the product has gift wrapping fees or not.**</i>	N
<code>\$_SESSION[basket_arr][#][gift_wrap_fee][0]</code> <i>The dollar value of any gift wrapping fees associated with this product.**</i>	123.45

<code>\$_SESSION[basket_arr][#][mods][0]</code> <i>The System ID number of any product modifiers associated with this product.**</i>	1,2,3
<code>\$_SESSION[basket_arr][#][basket_item_id][0]</code> <i>The System ID number of the this product's entry in the basket database table.**</i>	276
<code>\$_SESSION[basket_arr][#][basket_use_price][0]</code> <i>Whether the basket_price variable should be used to override the original_price of the product.**</i>	0
<code>\$_SESSION[basket_arr][#][basket_price][0]</code> <i>The price to override the original_price with, if basket_use_price is being used.**</i>	1.23
<code>\$_SESSION[basket_arr][#][qty][0]</code> <i>Quantity of the product being purchased.**</i>	1
<code>\$_SESSION[basket_arr][#][gift_wrap][0]</code> <i>Whether the product should be gift wrapped or not.**</i>	N
<code>\$_SESSION[basket_arr][#][ship_addr_id][0]</code> <i>The System ID of the shipping address associated with this product.**</i>	42
<code>\$_SESSION[basket_arr][#][sku][0]</code> <i>SKU ID code assigned to this product.**</i>	PROD001
<code>\$_SESSION[basket_arr][#][status][0]</code> <i>Status ID code assigned to this product.** (0-9)</i>	0
<code>\$_SESSION[basket_arr][#][prod_inv_id][0]</code> <i>Product's ID number from the prod_inv_id database table.**</i>	4
<code>\$_SESSION[basket_arr][#][aff_com_cap][0]</code> <i>The maximum amount an Affiliate may earn from the sale of this product.**</i>	1.23
<code>\$_SESSION[basket_arr][#][aff_can_sell][0]</code> <i>Whether the product may be sold by an Affiliate or not.**</i>	N
<code>\$_SESSION[basket_arr][#][com_val_value][0]</code> <i>System ID number of the formula used when calculating an Affiliate's commission.**</i>	1
<code>\$_SESSION[basket_arr][#][com_val_type][0]</code> <i>Whether the product's commission is calculated as a percentage or dollar value.**</i>	D
<code>\$_SESSION[basket_arr][#][ship_first_name]</code> <i>First name associated with this shipping address.**</i>	Dudley
<code>\$_SESSION[basket_arr][#][ship_last_name]</code> <i>Last name associated with this shipping address.**</i>	Heromin
<code>\$_SESSION[basket_arr][#][ship_address1]</code> <i>Address line 1 associated with this shipping address.**</i>	123 Test Street
<code>\$_SESSION[basket_arr][#][ship_address2]</code> <i>Address line 2 associated with this shipping address.**</i>	Suite A
<code>\$_SESSION[basket_arr][#][ship_city]</code> <i>City associated with this shipping address.**</i>	Beverly Hills
<code>\$_SESSION[basket_arr][#][ship_state]</code> <i>State_country ISO codes associated with this shipping address.**</i>	CA_US
<code>\$_SESSION[basket_arr][#][ship_zip]</code> <i>Zip code associated with this shipping address.**</i>	90210
<code>\$_SESSION[basket_arr][#][ship_country_iso]</code> <i>Country ISO code associated with this shipping address.**</i>	US

<code>\$_SESSION[basket_arr][#][ship_country_long]</code> <i>Long country name associated with this shipping address.**</i>	United States
<code>\$_SESSION[basket_arr][#][ship_state_iso]</code> <i>Long state name associated with this shipping address.**</i>	CA
<code>\$_SESSION[basket_arr][#][order_req_shipping]</code> <i>Whether the products being sent to this address require physical shipping.**</i>	N
<code>\$_SESSION[basket_arr][#][order_use_shipping]</code> <i>Whether the products being sent to this address require calculating shipping fees.**</i>	N
<code>\$_SESSION[basket_arr][#][order_has_rec_items]</code> <i>Whether the products being sent to this address include any recurring products.**</i>	Y
<code>\$_SESSION[basket_arr][#][prod_cat_ids][0]</code> <i>System ID numbers of all the categories associated with all of the products being sent to this address.**</i>	1
<code>\$_SESSION[basket_arr][#][line_price][0]</code> <i>The line price of the products being sent to this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][subtotal]</code> <i>The subtotal of the products being sent to this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][zone_fees]</code> <i>The total zone fees of the products being sent to this address.**</i>	0.00
<code>\$_SESSION[basket_arr][#][taxable_subtotal]</code> <i>The taxable subtotal of the products being sent to this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][order_wt]</code> <i>The weight, in ounces or grams, used in calculating the shipping fees of the products being sent to this address.**</i>	123
<code>\$_SESSION[basket_arr][#][prod_cogs][0]</code> <i>The cost of goods of the products being sent to this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][prod_msrp][0]</code> <i>The manufacturers suggested retail price of the products being sent to this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][order_cogs]</code> <i>The total cost of goods for this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][order_msrp]</code> <i>The total manufacturer's suggested retail price for this address.**</i>	1.23
<code>\$_SESSION[basket_arr][#][ship_wt]</code> <i>The total shipping weight, in ounces or grams, for this order.**</i>	123
<code>\$_SESSION[basket_arr][all_prod_id][0]</code> <i>The product System ID numbers included in this order.**</i>	321
<code>\$_SESSION[basket_arr][all_subtotal]</code> <i>The total subtotal for this order.**</i>	1.23

\*"[#]" will be the System ID number of a shipping address. There will be one entry for each shipping address.

\*\*This variable may be an array containing multiple keys. For example, [0], [1], [2], etc. There will be a separate key for each product in this order. The products will always be in the same order, from variable to variable. For example: `$variable[0]` will always refer to Product A in this order, and `$variable[1]` will always refer to Product B in this order.

# Custom Script Slots

Modular Merchant includes “slots” in which custom scripts can be executed during the shopping and/or checkout process. Custom script files are located in the txt directory. The following files can be added or modified to run any HTML, JavaScript or PHP code that you insert into them.

Name	File Location	Description
Affiliate Manager	txt/CSTM_aff_manager_func.php	Script included when an incoming link contains an Affiliate tracking ID number (...?aid=X)
Basket Caption	txt/CSTM_basket_caption_func.php	Script included on all storefront & checkout pages that display the customer’s basket contents. Script runs immediately after the basket contents are generated.
Basket Function	txt/CSTM_basket_func.php	Script included from within the script that generates the customer’s basket contents. May be used to modify the attributes of product(s) contained in the customer’s basket.
Checkout 1: Register	txt/CSTM_ckout1_register.php	Script included immediately after a new customer’s account record is saved. May be used to submit the customer’s account information to a remote server.
Checkout 2: Shipping	txt/CSTM_ckout2_ship_func.php	Script included on all storefront & checkout pages that display the customer’s shipping options. Script runs immediately after the shipping rates are generated, but before they are displayed on-screen. May be used to modify the values for selected shipping methods.
Checkout 4	txt/CSTM_ckout4_func.php	Script included prior to the order’s submission to the payment gateway for processing.
Checkout: Per Item	txt/CSTM_ckout_per_item_func.php	Script included during the transaction process, once for each item within the customer’s order. May be used to modify product attributes, submit the product information to a remote server, etc.
Checkout: Per Order	txt/CSTM_ckout_per_order_func.php	Script included during the transaction process, just once for the entire order. May be used submit the product information to a remote server, etc.

**Notes:**

1. HTML, JavaScript and PHP code may be used in Custom Scripts. However, backslashes “\” may be stripped from the code when it is parsed by the system.
2. Support for additional custom script slots is added on a need-be basis. If there is an additional location in which you would like support for running a custom script added, contact support@modularmerchant.com with your request.