Database Structure

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Here are descriptions of the database tables in PrestaShop v1.4.2. By default, each table has a prefix of `ps_`. When you install PrestaShop, you have the option of changing this prefix, which lets you install PrestaShop multiple times in the same database, and also helps to prevent table name conflicts with other shopping carts installed in the same database. The table names are all lowercase and use underscores between words, and include the types of objects in the table. For example, the `ps_product` table contains all the product information. Tables that end with `_lang` contain translations for the object. For example, `ps_product_lang` contains all the product translations. When a table links together two types of objects, both objects are included in the table name. For example, `ps_category_product` links products to categories. The ID of each table starts with `id_` followed by the object name. For example, the ID of the `ps_product` table is `id_product`.

Table Name	Description	Primary Key
ps_access	The employee profile permissions.	id_profile, id_tab
ps_accessory	Product accessories.	id_product_1, id_product_2
ps_address	Customer, manufacturer and supplier addresses.	id_address
ps_address_format	Address format for each country.	id_country
ps_alias	Search keyword alias	id_alias
ps_attachment	Product attachments.	id_attachment
ps_attachment_lang	Product attachment names and descriptions.	id_attachment, id_lang
ps_attribute	Product attributes.	id_attribute
ps_attribute_group	Product attribute groups.	id_attribute_group
ps_attribute_group_lang	Product attribute group names.	id_attribute_group, id_lang
ps_attribute_impact	Product attribute price and weight impacts.	id_attribute_impact
ps_attribute_lang	Product attribute names.	id_attribute, id_lang
ps_carrier	Carriers.	id_carrier
ps_carrier_group	Carrier customer group restrictions.	id_carrier, id_group
ps_carrier_lang	Carrier transit time messages.	id_carrier
ps_carrier_zone	Zones each carrier is available	id_carrier, id_zone
ps_cart	Customer and guest carts.	id_cart
ps_cart_discount	Voucher codes used in carts.	id_cart, id_discount

ps_cart_product	Products in customer carts.	id_cart, id_product, id_product_attribute
ps_category	Product categories.	id_category
ps_category_group	Product category customer group restrictions.	id_category, id_group
ps_category_lang	Product category names and descriptions.	id_category, id_lang
ps_category_product	Products in each category.	id_category, id_product
ps_cms	CMS pages.	id_cms
ps_cms_block	CMS blocks.	id_cms_block
ps_cms_block_lang	CMS block names.	id_cms_block, id_lang
ps_cms_block_page	CMS block pages.	id_cms_block_page
ps_cms_category	CMS categories.	id_cms_category
ps_cms_category_lang	CMS category names.	id_cms_category, id_lang
ps_cms_lang	CMS page content.	id_cms, id_lang
ps_configuration	Configuration settings.	id_configuration
ps_configuration_lang	Configuration setting translations.	id_configuration, id_lang
ps_connections	Visitor IP addresses, referrers and pages visited.	id_connections
ps_connections_page	Start and end times of page visits.	id_connections, id_page, time_start
ps_connections_source	Visitor referrers and search engine keywords.	id_connections_source
ps_contact	Contact form subjects.	id_contact
ps_contact_lang	Contact form subject names.	id_contact, id_lang
ps_country	Countries.	id_country
ps_country_lang	Country names.	id_country, id_lang
ps_county	Counties	id_county
ps_county_zip_code	County zip codes.	id_county, from_zip_code, to_zip_code
ps_currency	Currencies.	id_currency
ps_customer	Customers.	id_customer
ps_customer_group	Customer groups.	id_customer, id_group
ps_customer_message	Customer messages through contact form.	id_customer_message

ps_customer_thread	Threads of messages through contact form.	id_customer_thread
ps_customization	Customised product data in cart.	id_customization, id_cart, id_product
ps_customization_field	Product customisation fields.	id_customization_field
ps_customization_field_lang	Product customisation field names.	id_customization_field, id_lang
ps_customized_data	Customised product data entered by customers.	id_customization, type, index
ps_date_range	Page view date ranges.	id_date_range
ps_delivery	Carrier delivery prices.	id_delivery
ps_discount	Vouchers.	id_discount
ps_discount_category	Voucher category restrictions.	id_category, id_discount
ps_discount_lang	Voucher descriptions.	id_discount, id_lang
ps_discount_type	Voucher types.	id_discount_type
ps_discount_type_lang	Voucher type names.	id_discount_type, id_lang
ps_editorial	Homepage logo links.	id_editorial
ps_editorial_lang	Homepage text.	id_editorial, id_lang
ps_employee	Back Office employees.	id_employee
ps_feature	Product features.	id_feature
ps_feature_lang	Product feature names.	id_feature, id_lang
ps_feature_product	Links feature values to products.	id_feature, id_product
ps_feature_value	Product feature values.	id_feature_value
ps_feature_value_lang	Product feature value names.	id_feature_value, id_lang
ps_group	Customer groups and reductions.	id_group
ps_group_lang	Customer group names.	id_group, id_lang
ps_group_reduction	Customer group category reductions.	id_group_reduction
ps_guest	Guests.	id_guest
ps_help_access	Viewed help articles and versions.	id_help_access
ps_hook	Module hook names and descriptions.	id_hook
ps_hook_module	Position of modules in each hook.	id_module, id_hook

ps_hook_module_exceptions	Page exceptions for each module.	id_hook_module_exceptions
ps_image	Product images.	id_image
ps_image_lang	Product image legends.	id_image, id_lang
ps_image_type	Product image thumbnail sizes.	id_image_type
ps_import_match	Saved CSV import configurations.	id_import_match
ps_lang	Languages.	id_lang
ps_log	Log of PHP errors and warnings.	id_log
ps_manufacturer	Manufacturers.	id_manufacturer
ps_manufacturer_lang	Manufacturer descriptions.	id_manufacturer, id_lang
ps_memcached_servers	Memcached servers.	id_memcached_server
ps_message	Order messages.	id_message
ps_message_readed	Order messages that have been marked as read.	id_message, id_employee
ps_meta	Page names.	id_meta
ps_meta_lang	Page meta information.	id_meta, id_lang
ps_module	Modules directories.	id_module
ps_module_country	Module country restrictions.	id_module, id_country
ps_module_currency	Module currency restrictions.	id_module, id_currency
ps_module_group	Module customer group restrictions.	id_module, id_group
ps_operating_system	Recognised operating systems.	id_operating_system
ps_orders	Orders.	id_order
ps_order_detail	Order products.	id_order_detail
ps_order_discount	Order vouchers.	id_order_discount
ps_order_history	Order status history.	id_order_history
ps_order_message	Predefined order messages.	id_order_message
ps_order_message_lang	Predefined order message names.	id_order_message, id_lang
ps_order_return	Merchandise returns.	id_order_return
ps_order_return_detail	Merchandise return products.	id_order_return, id_order_detail, id_customization
ps_order_return_state	Merchandise return statuses.	id_order_return_state
ps_order_return_state_lang	Merchandise return status names.	id_order_return_state, id_lang

ps_order_slip	Credit slips	id_order_slip
ps_order_slip_detail	Credit slip products.	id_order_slip, id_order_detail
ps_order_state	Order statuses.	id_order_state
ps_order_state_lang	Order status names.	id_order_state, id_lang
ps_pack	Product packs.	id_product_pack, id_product_item
ps_page	Pages.	id_page
ps_pagenotfound	Page not found data.	id_pagenotfound
ps_page_type	Page names.	id_page_type
ps_page_viewed	Viewed pages.	id_page, id_date_range
ps_payment_cc	Credit card information.	id_payment_cc
ps_product	Product information.	id_product
ps_product_attribute	Product attribute information.	id_product_attribute
ps_product_attribute_combination	Product attribute combinations.	id_attribute, id_product_attribute
ps_product_attribute_image	Product attribute images.	id_product_attribute, id_image
ps_product_country_tax	Product country taxes.	id_product, id_country, id_tax
ps_product_download	Downloadable products.	id_product_download
ps_product_group_reduction_cache	Product customer group reductions.	id_product, id_group
ps_product_lang	Product names and descriptions.	id_product, id_lang
ps_product_sale	Product sale data.	id_product
ps_product_tag	Product tags.	id_product, id_tag
ps_profile	Employee profile.	id_profile
ps_profile_lang	Employee profile name.	id_profile, id_lang
ps_quick_access	Back Office quick accesses.	id_quick_access
ps_quick_access_lang	Back Office quick access names.	id_quick_access, id_lang
ps_range_price	Carrier price ranges.	id_range_price
ps_range_weight	Carrier weight ranges.	id_range_weight
ps_referrer	Affiliate program accounts.	id_referrer
ps_referrer_cache	Affiliate program referrals.	id_connections_source, id_referrer
ps_required_field	Required fields.	id_required_field
ps_scene	Category page product banners.	id_scene

ps_scene_category	Links product banners to categories.	id_scene, id_category
ps_scene_lang	Category page product banner names.	id_scene, id_lang
ps_scene_products	Category page banner products.	id_scene, id_product, x_axis, y_axis
ps_search_engine	Recognised search engines.	id_search_engine
ps_search_index	PrestaShop search engine keyword index.	id_product, id_word
ps_search_word	PrestaShop search engine keywords.	id_word
ps_sekeyword	External search engine keywords.	id_sekeyword
ps_specific_price	Specific prices.	id_specific_price
ps_specific_price_priority	Specific price priorities.	id_specific_price_priority, id_product
ps_state	States.	id_state
ps_statssearch	PrestaShop search engine statistics.	id_statssearch
ps_stock_mvt	Stock movements.	id_stock_mvt
ps_stock_mvt_reason	Stock movement reasons.	id_stock_mvt_reason
ps_stock_mvt_reason_lang	Stock movement reason names.	id_stock_mvt_reason, id_lang
ps_store	Store addresses.	id_store
ps_subdomain	Cookie subdomains.	id_subdomain
ps_supplier	Suppliers.	id_supplier
ps_supplier_lang	Supplier names.	id_supplier, id_lang
ps_tab	Back Office tabs.	id_tab
ps_tab_lang	Back Office tab names.	id_tab, id_lang
ps_tag	Product tags used in tag cloud.	id_tag
ps_tax	Taxes.	id_tax
ps_tax_lang	Tax names.	id_tax, id_lang
ps_tax_rule	Tax rules.	id_tax_rule
ps_tax_rules_group	Tax rule names.	id_tax_rules_group
ps_timezone	Timezones.	id_timezone
ps_webservice_account	Webservice accounts.	id_webservice_account

ps_webservice_permission	Webservice permissions.	id_webservice_permission
ps_web_browser	Recognised web browsers	id_web_browser
ps_zone	Carrier zones.	id_zone