
WHMCSpy Documentation

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WHMCSpy is a Python interface to the WHMCS REST API.

Create a WHMCS interface with the API URL and credentials and use it to call the API.

```
import whmcspy

whmcs = whmcspy.WHMCS(
    'https://example.com/whmcs/includes/api.php',
    'identifier',
    'secret')
whmcs.accept_order(2)
```

In general API methods can be called as methods in the WHMCS class. For available API methods see the [WHMCS API reference](#). Note that the casing of the methods differ from the API actions. While the API actions are CamelCased the methods are snake_cased.

1.1 Calling unimplemented actions

Not all API actions are implemented as Python methods (they will be implemented as required, of course pull-requests are accepted). In order to call actions that are not yet implemented `call()` can be used. Example:

```
response = whmcs.call(
    'SomeAction',
    param=value,
    list_param=[
        element,
        element2,
    ]
)
```

See the `call()` documentation for more info.

Some actions return batches of results. To iterate over all results multiple requests need to be done. For this a convenience method is added: `paginated_call()` This method is a generator which yields batches. Using keywords additional params are accepted. Example:

```
for response in whmcs.paginated_call(
    'GetOrders'):
    for order in response['orders']['order']:
        print(order)
```

1.1.1 WHMCSpy reference

API

class whmcs.py.api.**WHMCS** (*url, identifier, secret*)

Bases: object

WHMCS interface.

accept_order (*order_id, **params*)

Accept an order.

Parameters

- **order_id** (*int*) – The id of the order to accept.
- ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/acceptorder/>

add_client (*firstname, lastname, email, address1, city, state, postcode, country, phonenumber, password2, **params*)

Add client.

Parameters

- **firstname** (*str*) – The client's firstname.
- **lastname** (*str*) – The client's lastname.
- **email** (*str*) – The client's email address.
- **address1** (*str*) – The client's address.
- **city** (*str*) – The client's city.
- **state** (*str*) – The client's state.
- **postcode** (*str*) – The client's postcode.
- **country** (*str*) – 2 character ISO country code.
- **phonenumber** (*str*) – The client's phone number.
- **password2** (*str*) – The client's password.
- ****params** – Additional params.

Returns The id of the created client.

Return type int

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/addclient/>

add_order (*clientid*, *domains=None*, *paymentmethod='banktransfer'*, *products=None*, ***params*)
Add an order.

Parameters

- **clientid** (*int*) – The id of the client whom the order is for.
- ****params** – Additional params.

Keyword Arguments

- **domains** (*list*) – A list of domains to include in the order.
- **paymentmethod** (*str*) – The payment method for the order.
- **products** – A list of products (dict) with an id and a domain name (*pid*, *domain*).

Returns The response of the successfully created order.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/addorder/>

add_product (*name*, *gid*, ***params*)
Add product.

Parameters

- **name** (*str*) – The name of the product.
- **gid** (*int*) – The id of the group to add the product to.
- ****params** – Additional params.

Returns The id of the created product (pid).

Return type int

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/addproduct/>

add_transaction (*paymentmethod*, ***params*)
Add a transaction.

Parameters

- **paymentmethod** (*str*) – The payment method used to perform the
- **transaction.** –
- ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/addtransaction/>

call (*action*, ***params*)

Call the WHMCS api.

This is an abstract way to call the WHMCS API. Basically only the action and additional params are required to make a call.

Parameters

- **action** (*str*) – The action to perform.
- ****params** – Additional params.

Returns The result of the call.

Return type dict

Raises

- `MissingPermission` – When access is denied due to a missing permission.
- `Error` – Whenever the call fails.

cancel_order (*orderid*, ***params*)

Cancel a pending order.

Parameters

- **orderid** (*int*) – The id of the order.
- ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/cancelorder/>

delete_order (*orderid*, ***params*)

Delete a cancelled or fraud order.

Parameters **orderid** (*int*) – The id of the order.

get_clients_domains (*active=None*, ***params*)

Get domains (registrations).

Parameters ****params** – Additional params.

Keyword Arguments **active** (*bool*) – Filter on active or inactive domains.

Yields The domains.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/getclientsdomains/>

get_clients_products (*active=None*, *productid=None*, ***params*)

Get client products.

Parameters ****params** – Additional params.

Keyword Arguments

- **active** (*bool*) – Filter on active or inactive domains.
- **productid** (*int*) – Only get products with this product id.

Yields The products.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/getclientsproducts/>

get_invoice (*invoiceid*)

Get an invoice.

Parameters **invoiceid** (*int*) – The id of the invoice.

Returns The invoice

get_orders (***params*)

Get orders.

Parameters ****params** – Additional params.

Yields The matching orders.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/getorders/>

get_servers (***params*)

Get servers configured in WHMCS.

Parameters ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/getservers/>

get_tickets (***params*)

Get support tickets.

Parameters ****params** – Additional params.

Yields The tickets.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/gettickets/>

get_tld_pricing ()

Get the TLD pricing.

Returns The TLD pricing info.

Return type dict

get_transactions (***params*)

Get (find) transactions.

Parameters ****params** – Additional params.

Returns A list of matching transactions.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/gettransactions/>

module_create (*serviceid*)

Run the module create action for a service.

Parameters **serviceid** (*int*) – The id of the service.

open_ticket (*deptid, subject, message, **params*)

Open a support ticket

Parameters

- **deptid** (*int*) – The id of the department to open the ticket for.
- **subject** (*str*) – The subject of the ticket.
- **message** (*str*) – The initial message of the ticket.
- ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/openticket/>

Note: Markdown doesn't seem to work when opening a ticket by using the API. Maybe it's fixed in later versions of WHMCS. Consider it unstable.

paginated_call (*action, limitstart=0, **params*)

Perform a WHMCS API call, but paginated.

Instead of returning just a single result a result is yielded for every iteration until an empty result returns from WHMCS. See [call\(\)](#) for common params.

Keyword Arguments **limitstart** (*int*) – The offset from which to start. Initially this is 0.

Yields An API response.

pending_order (*orderid, **params*)

Set an order and it's items to Pending.

Parameters **orderid** (*int*) – The id of the order.

send_email (***params*)

Send a client email notification.

Parameters ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/sendemail/>

update_client_domain (*domain, **params*)

Update a client's domain registration.

Parameters

- **domain** (*dict*) – The domain to update.
- ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/updateclientdomain/>

update_client_product (*productid*, ***params*)

Update a client's product.

Parameters

- **productid** (*int*) – The id of the client product.
- ****params** – Additional params.

Hint: For additional params, see the official API docs: <https://developers.whmcs.com/api-reference/updateclientproduct/>

Exceptions

exception `whmcs.py.exceptions.Error`

Bases: `Exception`

An unspecified error.

exception `whmcs.py.exceptions.MissingPermission`

Bases: `whmcs.py.exceptions.Error`

Missing permission when calling the API.

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