
Demandware Documentation

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Demandware Library

```
class dw.client.Demandware (params={})
    Bases: object

    Python Demandware SDK.

    https://documentation.demandware.com/display/DOC131/Open+Commerce+API

    _call (uri, extra_params=None)
        Execute a request and save last response data.

        Args:
            uri: String that represents resource path.

    _debug ()
        Lets inspect request and response data.

        Returns:
            Dictionary with request and response keys.

    _reset ()
        Restore default values used to request a service.

    _set_cookie ()
        Store cookie.

    _unset_cookie ()
        Remove cookie.

    debug ()
        Lets inspect request and response data.

        Returns:
            Dictionary with request and response keys.

    get (key=None)
        Lets inspect current GET data.

        Args:
            key: String that represents key in GET that should be returned.

        Returns:
            Value for key or all GET dictionary.
```

get_basket ()

Returns a limited set of basket information. Limited means that no checkout related information (i.e. addresses, shipping and payment method) are returned.

Returns:

If success then Basket as object otherwise None.

<https://documentation.demandware.com/display/DOC131/Basket+resource#Basketresource-Getbasket>

get_product (ids, arrayify=False, **kwargs)

Access products resource.

Args:

ids: String o Array of Strings that represents SKU of a product.

arrayify: Boolean thats indicate if a single product should be returned in a List.

kwarg expand: expands the result document, which may include any of the __expand values:

<https://documentation.demandware.com/display/DOC132/Product+resource>

Returns:

Product as object if SKU exists otherwise None.

<https://documentation.demandware.com/display/DOC131/Product+resource#Productresource-Getsingleproduct>

get_request (as_dict=False)

Lets inspect last request.

Args:

as_dict: Boolean that indicates if should returns as object or dictionary.

Returns:

Last request as object or dictionary, it depends of as_dict.

get_response (as_dict=False)

Lets inspect last response.

Args:

as_dict: Boolean that indicates if should returns as object or dictionary.

Returns:

Last response as object or dictionary, it depends of as_dict.

get_user ()

Get current customer data.

Returns:

Returns the account profile object, if an error occur then None.

<https://documentation.demandware.com/display/DOC131/Account+resource#Accountresource-Getaccountprofile>

header (key=None)

Lets inspect current HEADERS used to request an service.

Args:

key: String that represents a HEADER that should be returned.

Returns:

Value for key or all HEADERS dictionary.

login (*username, password*)

Action to login a customer.

Args:

username: String, customer username.

password:: String, customer password.

Returns:

If success then returns True otherwise False.

<https://documentation.demandware.com/display/DOC131/Account+resource#Accountresource-Loginaction>

logout ()

Action to logout a customer.

Returns:

If success then returns True otherwise False.

<https://documentation.demandware.com/display/DOC131/Account+resource#Accountresource-Logoutaction>

post (*key=None*)

Lets inspect current POST data.

Args:

key: String that represents key in POST that should be returned.

Returns:

Value for key or all POST dictionary.

register (*username, password, profile={}*)

Action to register an account.

Args:

username: String, account username.

password:: String, account password.

profile:: Dictionary, profile properties.

Returns:

Returns the account profile object, if an error occur then None.

<https://documentation.demandware.com/display/DOC131/Account+resource#Accountresource-Registeraccount>

search_category (*category='root', levels=2*)

Get online categories.

Args:

category: String, category Id.

levels: Integer, Specifies how many levels of nested sub-categories you want the server to return. The default value is 1.

Returns:

Categories as object, if an error occur then None.

<https://documentation.demandware.com/display/DOC131/Category+resource#Categoryresource-Getcategory>

search_product (*query*, ***kwargs*)

Provides keyword and refinement search functionality for products.

Args:

query: String, the query phrase to search for.

kwarg expand: expands the result document, which may include any of the __expand values:

<https://documentation.demandware.com/display/DOC132/Product+resource>

Returns:

Search results as object, if an error occur then None.

<https://documentation.demandware.com/display/DOC131/ProductSearch+resource#ProductSearchresource-SearchProducts>

set_get (*key*, *value*)

Add or update GET data.

Args:

key: String that represents key in GET parameters. value: Value to be saved.

set_header (*key*, *value*)

Add or update HEADERS data.

Args:

key: String that represents key in HEADERS parameters.

value: Value to be saved.

set_post (*key*, *value*)

Add or update POST data.

Args:

key: String that represents key in POST parameters.

value: Value to be saved.

Generic Object

```
class dw.objects.Object (params={})  
    Bases: object  
    Class to represent OCAPI resources.
```

Demandware Exceptions

exception `dw.errors.DemandwareError`

Bases: `exceptions.Exception`

Base Exception for Demandware.

exception `dw.errors.ParameterInvalidError`

Bases: `dw.errors.DemandwareError`

Raised if an invalid parameter is detected.

exception `dw.errors.ParameterMissedError`

Bases: `dw.errors.DemandwareError`

Raised if an parameter is missed.

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