python-subreg Documentation

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Petr Jerabek

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Python wrapper around the subreg.cz SOAP API

CHAPTER 1

Subreg API

class `subreg.api.`**`Api`**(*username=None*, *password=None*)

Python wrapper around the subreg.cz SOAP API

`account_transfer_domain`()

Transfer domain between two Subreg.CZ accounts.

See Also:

https://soap.subreg.cz/manual/?cmd=AccountTransfer_Domain

`add_dns_record`(*domain*, *record*)

Add DNS record to zone.

Parameters

- **domain** (*str*) – Registered domain
- **record** (*dict*) – dict with params

  key name Hostname (part of hostname, without registered domain)

  key type Type of DNS record

  key content Value of this record (IP address, hostname, text value,..)

  key prio Priority of this record (MX records only)

  key ttl TTL value

See Also:

https://soap.subreg.cz/manual/?cmd=Add_DNS_Record

`add_dns_zone`(*domain*, *template=None*)

Add domain to DNS using previously created template.

Parameters

- **domain** (*str*) – Registered domain
- **template** (*str*) – DNS template ID or template name

See Also:

https://soap.subreg.cz/manual/?cmd=Add_DNS_Zone

backorder_domain()

Create a backorder order. We will register domain after deletion from registry

See Also:

https://soap.subreg.cz/manual/?cmd=Backorder_Domain

check_domain(*domain*)

Check if domain is available or not

Parameters **domain** (*str*) – Domain for check availability

See Also:

https://soap.subreg.cz/manual/?cmd=Check_Domain

check_object(*_id*, *_object*)

Check if object is available or not (only CZ,EE)

Parameters

- **_id** (*int*) – ID for check availability
- **_object** (*str*) – contact, nsset, keyset (only CZ, EE)

See Also:

https://soap.subreg.cz/manual/?cmd=Check_Object

client_payment(*username*, *amount*, *currency*)

Add credit to your sub-user. This command WILL generate invoice, if you want just correct current amount of credit for any reason, please use command Credit_Correction.

Parameters

- **username** (*str*) – Login username of the use you want to add credit
- **amount** (*str*) – Amount of money to add
- **currency** (*str*) – Currency of added credit

See Also:

https://soap.subreg.cz/manual/?cmd=Client_Payment

contacts_list()

Get all contacts from your account

See Also:

https://soap.subreg.cz/manual/?cmd=Contacts_List

create_contact(***kwargs*)

Create contact in Subreg DB

See Also:

https://soap.subreg.cz/manual/?cmd=Create_Contact

create_domain()

Order: *Create_Domain* Create a new domain. For DNSSEC extension please see full specification here

See Also:

https://soap.subreg.cz/manual/?cmd=Create_Domain

create_host()

Create new delegated host object. It is possible to specify multiple IPv4 and IPv6 addresses of the host.

See Also:

https://soap.subreg.cz/manual/?cmd=Create_Host

create_object()

Creates new nsset or keyset. Only for registries with such capability (for example CZ-NIC or Eurid)

See Also:

https://soap.subreg.cz/manual/?cmd=Create_Object

credit_correction(*username*, *amount*, *reason*)

Correct credit amount of your sub-users. The amount you specify in this command will be added to current amount. Use negative values for subtracting credit. Please note that currency will depend on current user setting.

Parameters

- **username** (*str*) – Login username of the user you want to add credit
- **amount** (*float*) – Amount of money to add/subtract
- **reason** (*str*) – Human readable reason for this operation

See Also:

https://soap.subreg.cz/manual/?cmd=Credit_Correction

delete_dns_record(*domain*, *record_id*)

Remove DNS record from zone.

Parameters

- **domain** (*str*) – Registered domain
- **record_id** (*int*) – ID of existing record

See Also:

https://soap.subreg.cz/manual/?cmd=Delete_DNS_Record

delete_dns_zone(*domain*)

Remove ALL DNS records for specified domain.

Parameters **domain** (*str*) – Registered domain

See Also:

https://soap.subreg.cz/manual/?cmd=Delete_DNS_Zone

delete_domain()

Delete a existing domain from your account

See Also:

https://soap.subreg.cz/manual/?cmd=Delete_Domain

delete_host()

Delete delegated host object. It is only possible to delete host when it is no longer used.

See Also:

https://soap.subreg.cz/manual/?cmd=Delete_Host

domains_list()

Get all domains from your account

:return dict

key *domains* dict of domains :key *name*: Domain name :key *expire*: Domain expiration date

key *count* Domains count

See Also:

https://soap.subreg.cz/manual/?cmd=Domains_List

download_document(*document_id*)

Get document information and base64 encoded document that you have uploaded or generated on your account.

Parameters **document_id** (*int*) – Document ID, you can get it in response of *Upload_Document* or by *List_Documents*.

See Also:

https://soap.subreg.cz/manual/?cmd=Download_Document

get_accountings(*from_date*, *to_date*)

Get financial statements from account

Parameters

- **from_date** – Date (YYYY-mm-dd)
- **to_date** – Date (YYYY-mm-dd)

See Also:

https://soap.subreg.cz/manual/?cmd=Get_Accountings

get_credit()

Get status of your credit

See Also:

https://soap.subreg.cz/manual/?cmd=Get_Credit

get_dns_zone(*domain*)

List of DNS records for specified domain.

Parameters **domain** (*str*) – Registered domain

See Also:

https://soap.subreg.cz/manual/?cmd=Get_DNS_Zone

get_pricelist(*pricelist*)

Return all price information in specified pricelist.

Parameters **pricelist** (*str*) – Identificator of the pricelist you want to download.

See Also:

https://soap.subreg.cz/manual/?cmd=Get_Pricelist

info_contact(*contact_id*)

Get informations about a single contact from your account

Parameters **contact_id** (*int*) – ID of your querying contact

See Also:

https://soap.subreg.cz/manual/?cmd=Info_Contact

info_domain(*domain*)

Get informations about a single domain from your account

Parameters **domain** (*str*) – Domain name for requested informations

See Also:

https://soap.subreg.cz/manual/?cmd=Info_Domain

info_domain_cz(*domain*)

Get informations about a single .CZ domain

Parameters **domain** (*str*) – Domain name for requested informations

See Also:

https://soap.subreg.cz/manual/?cmd=Info_Domain_CZ

info_object(*_id*, *_object*)

Info about NIC object (only CZ,EE)

Parameters

- **_id** (*int*) – ID for info
- **_object** (*str*) – contact, nsset, keyset (only CZ, EE)

See Also:

https://soap.subreg.cz/manual/?cmd=Info_Object

info_order(*order_id*)

Info about existing order

Parameters **order_id** (*int*) – Order ID

See Also:

https://soap.subreg.cz/manual/?cmd=Info_Order

list_documents()

List documents uploaded or generated on your account.

See Also:

https://soap.subreg.cz/manual/?cmd=List_Documents

login(*username=None*, *password=None*)

User login to API

Parameters

- **username** (*str*) – Username for login
- **password** (*str*) – Password

See Also:

https://soap.subreg.cz/manual/?cmd=Login

make_order(***kwargs*)

Create a new order (CreateDomain, ModifyDomain, RenewDomain, ...)

See Also:

https://soap.subreg.cz/manual/?cmd=Make_Order

modify_dns_record(*domain*, *record*)
Midify DNS record at zone.

Parameters

- **domain** (*str*) – Registered domain
- **record** (*dict*) – dict with ID of existing record

  key id ID of existing record

  key name Hostname (part of hostname, without registered domain)

  key type Type of DNS record

  key content Value of this record (IP address, hostname, text value,..)

  key prio Priority of this record (MX records only)

  key ttl TTL value

See Also:

https://soap.subreg.cz/manual/?cmd=Modify_DNS_Record

modify_domain()
Modify existing domain to new values. For DNSSEC extension please see full specification here.

See Also:

https://soap.subreg.cz/manual/?cmd=Modify_Domain

modify_ns_domain()
Modify existing domain to new values. For DNSSEC extension please see full specification here.

See Also:

https://soap.subreg.cz/manual/?cmd=ModifyNS_Domain

oib_search(*oib*)
List domains registered for certain OIB, and get the number of domains possible to register for this OIB.

Parameters **oib** (*str*) – Croatian OIB number

See Also:

https://soap.subreg.cz/manual/?cmd=OIB_Search

poll_ack(*poll_id*)
Ack current poll message

Parameters **poll_id** (*int*) – POLL ID

See Also:

https://soap.subreg.cz/manual/?cmd=POLL_Ack

poll_get()
Get current poll message

See Also:

https://soap.subreg.cz/manual/?cmd=POLL_Get

preregister_domain()

This order type is for new TLDs or liberation rules of existing TLDs domain pre-registration

See Also:

https://soap.subreg.cz/manual/?cmd=Preregister_Domain

pricelist()

Get pricelist from account

See Also:

https://soap.subreg.cz/manual/?cmd=Pricelist

prices(*tld*)

Get Prices for TLD from account

See Also:

https://soap.subreg.cz/manual/?cmd=Prices

raw_response = **None**

Last raw response from API

renew_domain()

Renew a existing domain from your account

See Also:

https://soap.subreg.cz/manual/?cmd=Renew_Domain

response = **None**

Last parsed response from API

restore_domain()

Restore a deleted domain from your account

See Also:

https://soap.subreg.cz/manual/?cmd=Restore_Domain

set_autorenew(*domain*, *autorenew*)

Set autorenew policy for your domain. By default, domain is deleted when it expire. You can set autorenew flag to AUTORENEW, then it will use your credit to renew automatically. RENEWONCE will cause renew only for next year.

Parameters

- **domain** (*str*) – Registered domain
- **autorenew** (*str*) – Autorenew setting, allowed values: EXPIRE, AUTORENEW, RENEWONCE

See Also:

https://soap.subreg.cz/manual/?cmd=Set_Autorenew

set_dns_zone(*domain*, *records*)

Specify complete set of records for certain zone. Specified records will replace ALL present records.

Parameters

- **domain** (*str*) – Registered domain
- **records** (*list*) – List of dicts of records

See Also:

https://soap.subreg.cz/manual/?cmd=Set_DNS_Zone

set_google_mx_records(*domain*)
Set Google MX rerods. Specified records will replace ALL present MX records.

set_prices(*pricelist*, *tld*, *currency*, *prices=None*)
Change prices in specified pricelist.

Parameters

- **pricelist** (*str*) – Identificator of the pricelist you want to download.
- **tld** (*str*) – TLD for which you want to change prices.
- **currency** (*str*) – Currency code the prices use.
- **prices** (*str*) – List of operations with price

See Also:

https://soap.subreg.cz/manual/?cmd=Set_Prices

sk_change_owner_domain()
Initiate owner change for .SK domain. During processing of this order, filled form will be generated onto your account. You can then download it using our web interface or using Download_Document.

See Also:

https://soap.subreg.cz/manual/?cmd=SKChangeOwner_Domain

transfer_approve_domain()
Transfer Approve domain between two registrars

See Also:

https://soap.subreg.cz/manual/?cmd=TransferApprove_Domain

transfer_cancel_domain()
Transfer Cancel domain between two registrars

See Also:

https://soap.subreg.cz/manual/?cmd=TransferCancel_Domain

transfer_deny_domain()
Transfer Deny domain between two registrars

See Also:

https://soap.subreg.cz/manual/?cmd=TransferDeny_Domain

transfer_domain()
Transfer domain between two registrars or two account

See Also:

https://soap.subreg.cz/manual/?cmd=Transfer_Domain

transfer_object()
Transfer object between two registrars (CZ-NIC)

See Also:

https://soap.subreg.cz/manual/?cmd=Transfer_Object

transfer_ru_request()

Transfer (change partner) of all domains on specified NIC-D account to Subreg.CZ. If you want to transfer just one .ru domain, you need to create new NIC-D account for that domain.

See Also:

https://soap.subreg.cz/manual/?cmd=TransferRU_Request

update_contact(***kwargs*)

Update contact

See Also:

https://soap.subreg.cz/manual/?cmd=Update_Contact

update_host()

Change IP addresses of delegated host object.

See Also:

https://soap.subreg.cz/manual/?cmd=Update_Host

update_object()

See Also:

https://soap.subreg.cz/manual/?cmd=Update_Object

upload_document(*name*, *document*, *_type=None*, *filetype=None*)

Upload document to your account, for use as identification document, registration request etc.

Parameters

- **name** (*str*) – Filename of the document, including extension
- **document** (*str*) – base64 encoded document
- **_type** (*str*) – Type of the document (https://soap.subreg.cz/manual/?cmd=Document_Types)
- **filetype** (*str*) – MIME type of the file

See Also:

https://soap.subreg.cz/manual/?cmd=Upload_Document

users_list()

Retrieve list of all your sub-users

See Also:

https://soap.subreg.cz/manual/?cmd=Users_List

CHAPTER 2

Exceptions

exception `subreg.exceptions.`**`ApiError`**

Base class for exceptions in this module.

CHAPTER 3

Indices and tables

- *genindex*
- *modindex*

3.1 Install

```
pip install python-subreg
```

3.2 Using

First import module and instance class:

```
>>> from subreg import Api
>>> subreg = Api('username', 'password')
```

Get informations about a single domain from your account:

```
>>> domain_info = subreg.info_domain('example.com')
>>> print domain_info
```

Get DNS Zone for domain:

```
>>> records = subreg.get_dns_zone('example.com')
```

Add DNS record to domain DNS zone:

```
>>> record = dict(name='', type='TXT', content='content')
>>> record_id = subreg.add_dns_record('example.com', record)
>>> print record_id
```

Set Google MX records:

```
>>> subreg.set_google_mx_records('example.com')
```

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