
Python Namesilo Module Documentation

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Python Namesilo is API wrapper for Namesilo service. Currently we support following operations:

- registerDomain
- renewDomain
- checkRegisterAvailability
- listDomains
- getDomainInfo
- contactList
- contactAdd
- getAccountBalance
- addAccountFunds
- getPrices

<https://www.namesilo.com/Support/API-Manager>

class `namesilo.core.NameSilo` (*token*, *sandbox: bool = True*)
 Creating Namesilo object with given token

Parameters

- **token** – access token from namesilo.com
- **sandbox** – true or false

add_account_funds (*amount*, *payment_id*)
 Adding funds to Namesilo account

Parameters

- **amount** (*float*) – amount to add
- **payment_id** (*int*) – ID of payment (credit card)

Returns Status and amount after adding funds, example: (True, 150.00)

Return type tuple

add_contact (*contact*)
 Adding new contact for current account

Parameters **contact** (`ContactModel`) –

Returns Status for adding contact

Return type bool

add_dns_records (*domain_name*, *record_type*, *record_host*, *record_value*, *ttl=7207*)
 Add DNS record to specified domain name

Parameters

- **domain_name** (*str*) – Domain name for adding DNS record
- **record_type** (*str*) – The type of resources record to add
- **record_host** (*str*) – The hostname for the new record
- **record_value** (*str*) – The value for the resource record
- **ttl** (*int*) – The TTL for the new record

Returns Returns record id for specified domain record

Return type int

add_domain_privacy (*domain_name*)

Adds privacy to specified domain name

Parameters **domain_name** (*str*) – Domain name for adding privacy

Returns Status of action

Return type bool

auto_renew_domain (*domain_name: str*)

Set auto-renew to specific domain

Parameters **domain_name** (*str*) – Domain name

Returns Status of action

Return type bool

change_domain_nameservers (*domain, primary_ns, secondary_ns*)

Change name server for specified domain

Parameters

- **domain** (*str*) – Domain name
- **primary_ns** (*str*) – Primary name Server
- **secondary_ns** (*str*) – Secondary name server

Returns Status of action

Return type bool

check_domain (*domain_name*)

Check if domain name is available

Parameters **domain_name** (*str*) – Domain name for checking

Returns Availability of domain

Return type bool

delete_contact (*contact_id*)

Delete contact from NameSilo account

Parameters **contact_id** (*int*) – Contact ID

Returns

Return type None

get_account_balance ()

Returns current account balance

Returns current account balance

Return type float

get_domain_info (*domain_name*)

Returns information about specified domain

Parameters **domain_name** (*str*) – name of domain

Returns domain information

Return type DomainInfo

get_prices ()

Returns all prices for supported TLDs

Returns Prices for supported TLDs

Return type dict

list_contacts ()

Returns list of all contacts for current account

Returns list of all contacts

Return type list

list_dns_records (*domain_name*)

List all DNS records for specified domain name

Parameters **domain_name** (*str*) – Domain name for listing DNS records

Returns Returns a list of DNS records for specified domain name

Return type list

list_domains ()

List all domains registered with current account

Returns list of registered domains

Return type list

lock_domain (*domain_name: str*)

Parameters **domain_name** (*str*) –

Returns

register_domain (*domain_name, years=1, auto_renew=0, private=0*)

Register a new domain name

Parameters

- **domain_name** (*str*) – name of domain
- **years** (*int*) – how long to register domain
- **auto_renew** (*int*) – turn on or off auto-renewal option
- **private** (*int*) – hide your private information (WHOIS)

Returns status of domain registration

Return type bool

remove_auto_renew_domain (*domain_name: str*)

Remove auto-renew to specific domain

Parameters **domain_name** (*str*) – Domain name

Returns Status of action

Return type bool

remove_domain_privacy (*domain_name*)

Removes privacy for specified domain name

Parameters **domain_name** (*str*) – Domain name for removing privacy

Returns Status of action

Return type bool

renew_domain (*domain_name*, *years=1*)

Renew domain name

Parameters

- **domain_name** (*str*) – domain name for renewal
- **years** (*int*) –

Returns status of renewal

Return type bool

unlock_domain (*domain_name: str*)

Parameters **domain_name** (*str*) –

Returns

update_contact (*contact: namesilo.core.ContactModel*)

Update existing contact with new information

Parameters **contact** ([ContactModel](#)) – new contact information

Returns status of action

Return type bool

update_dns_records (*domain_name*, *record_id*, *record_host*, *record_value*, *ttl=7207*)

Update an existing DNS resource record

Parameters

- **domain_name** (*str*) – Domain name for updating DNS record
- **record_id** (*str*) – The unique ID of the resource record
- **record_host** (*str*) – The hostname to use
- **record_value** (*str*) – The value for the resource record
- **ttl** (*int*) – The TTL for this record

Returns Returns record id for updated domain record

Return type int

class namesilo.core.**ContactModel** (***kwargs*)

Model for manipulating NameSilo contacts

Parameters

- **contact_id** (*str*) – Contact ID
- **first_name** (*str*) – First Name
- **last_name** (*str*) – Last Name
- **address** (*str*) – Address
- **city** (*str*) – City
- **state** (*str*) – State
- **country** (*str*) – Country

- **email** (*str*) – Email address
- **phone** (*str*) – Telephone number
- **zip** (*str*) – ZIP Code

static convert_contact_model (*reply*)

Convert standard Namesilo reply to ContactModel

Parameters **reply** – Namesilo Contact response

Returns Populated ContactModel from Namesilo

Return type *ContactModel*

CHAPTER 1

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