
nTLDStats API Documentation

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greenSec Solutions

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The **nTLDStats** API enables your own application to interact with our website. The following pages list the resources that our API provides.

Documentation Format

Each API method you can call is in the following format:

[METHOD] [PATH]

Arguments

[**ARG1**] [DESCRIPTION] (required)

[**ARG2**] [DESCRIPTION]

Response

[**ARG1**] [DESCRIPTION]

Where METHOD is POST/GET/PUT... and PATH is the path relative to the endpoint.

2.1 Overview

2.1.1 nTLDstats.com API beta

1. What is this beta about? In this beta we will give interested parties the opportunity to check out our new API. All data displayed on our website will be accessible through it, without limitations like rate limits, etc.
2. How long will the beta be available? Unfortunately, we don't know yet. We will, though, send a 2 weeks notice prior to shutdown of the beta API to every participant.
3. What should I do if I encounter an error / something is not working? Please give us as much information as possible related to the error you ran into. Send those informations to mail@ntldstats.com and we will get back to you as soon as possible.

Request API beta Access: <https://ntldstats.com/signup>

2.1.2 Request Format

The base URL for all API resources is **<http://api.ntldstats.net/>**. All data is sent as JSON. All arguments must be send JSON encoded by POST.

Example

```
POST /domains/create
Content-Type: application/json
{"domain":"test.guru","iana_id":1,"registration_date":"2014-01-01T03:10:00Z",
↪ "registrant_handle":"ABC-1234567","nameservers":["ns1.example.com","ns2.example.com
↪ "]}
```

2.1.3 Response Format

Status codes are used properly. If you get a 200 response, you can expect the normal response body as documented. Otherwise the response body will contain a plain text error message.

For example, if you don't include the Authorization header, you will get a 401 UNAUTHORIZED status code.

2.1.4 Standard Response Fields

All response have at least a **code** and a **msg** field. Calls which return additional data will return a **resData** field.

Successful call response example:

```
{
  "code": 1000,
  "msg": "Command completed successfully"
}
```

The returned MIME type from requests is always

```
application/json
```

All result codes base on [RFC5730](#) (Extensible Provisioning Protocol, EPP)

2.1.5 Authentication

You need a valid API Token to use our API. Please sign in to the dashboard and generate a new token if you haven't done it by now.

The API needs you to provide the API Token either as HTTP Header **X-API-TOKEN** or as HTTP Basic Authenticate username on every request. It is also possible to post it as URL parameter **token** append to every endpoint.

2.1.6 Errors

All error responses are being delivered in following format, with the corresponding status code:

```
{
  "code": 2003,
  "msg": "Required parameter missing",
  "resData": {
    "elem": "domains"
  }
}
```

2.1.7 Units

- Durations will always be in seconds.
- Timestamps will always be in [RFC3339](#) format (e.g. *2012-05-14T17:54:16Z*). Timestamps from the API will always be UTC.

2.2 Login

2.2.1 Command

GET /login

Arguments – None

Response – None

2.2.2 Example

Request

```
GET /login
```

Response

```
{
  "code": 1000,
  "msg": "Command completed successfully"
}
```

2.3 Domains

2.3.1 Post a new domain

Command

POST /domains/create

Arguments

domain domain name to create

iana_id registrar IANA id

registration_date date of registration

registrant_handle handle of registrant of domain (optional)

nameservers list of nameservers

Response

total number of domains added

job_id id of created job

Example

Request

```
POST /domains/create
{
  "domain": "test.guru",
  "iana_id": 0001,
  "registration_date": "2014-01-01T03:10:00Z",
  "registrant_handle": "ABC-1234567",
  "nameservers": [
    "ns1.example.com",
    "ns2.example.com"
  ]
}
```

Response

```
{
  "resData": {
    "total": 1,
    "job_id": "7635318e-8f50-510c-b2a2-27de5cc691f1"
  },
  "code": 1001,
  "msg": "Command completed successfully; action pending"
}
```

2.3.2 Upload file with multiple domains

Command

PUT|POST /domains

Arguments – None

Response

total number of domains added

job_id id of created job

To post multiple domains in one request, you can simply send all data as CSV, where each field is separated by a ;.

Example

```
:: xn-domainname.tld;1;2014-02-01T23:00.00Z;ABC1234;NS1.EXAMPLE.COM;NS2.EXAMPLE.COM
```

This file could be send by either POST Request (Default HTTP file upload, field named ‘domains’) or PUT Request (file content as request payload).

2.4 Jobs

2.4.1 List pending jobs

Return list of all pending jobs for your user

Command

GET /jobs

Arguments – None

Response

jobs List of all jobs

Job Item

status Status of job. Could be either **Unprocessed**, **Processing**, **Error** or **Finished**

job_id ID of job

added DateTime when item got added

Example

Request

```
GET /jobs
```

Response

```
{
  "code": 1000,
  "msg": "Command completed successfully",
  "resData": {
    "jobs": [
      {
        "status": "Unprocessed",
        "job_id": "a15e98ca-17f5-56cc-b654-4661013749e6",
        "added": "2014-04-17T00:40:00Z"
      }
    ]
  }
}
```

2.4.2 Get job details

Command

GET /jobs/<jobid>

Arguments

– None

Response

status Status of job. Could be either **Unprocessed**, **Processing**, **Error** or **Finished**

job_id ID of job

added DateTime when item got added

Example

Request

```
GET /jobs/a15e98ca-17f5-56cc-b654-4661013749e6
```

Response

```
{
  "code": 1000,
  "msg": "Command completed successfully",
  "resData": {
    "status": "Unprocessed",
    "job_id": "a15e98ca-17f5-56cc-b654-4661013749e6",
    "added": "2014-04-17T00:40:00Z"
  }
}
```

2.5 Statistic Information

All calls to `/stats/` endpoint only work with a beta API account.

2.5.1 TLDs Statistic

Command

GET `/stats/tlds`

Arguments

limit limit result to X tlds - default 30

details if true, result contains details

Response

tlds list of TLD objects sort by domain_count descendering

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

registry Registry object

backend Backend object

current_stage name of current stage

total_domains total count of registered domains in this TLD

registrars list of Registrars objects (only on detailed listing)

total_registrars total count of registrars (only on detailed listing)

Registry Object

id id of Registry

name name of Registry

url url of Registry

Backend Object

id id of Backend

name name of Backend

url url of Backend

Registrar Object

id id of Registrar

iana_id registrar IANA id

name name of Registrar

url homepage of Registrar

registrar_group Registrar Group object

domain_count total registered domains

Registrar Group Object

name name of Registrar Group

url homepage of Registrar Group

Example

Request

```
GET /stats/tlds
```

Response

```
{
  "resData": {
    "tlds": {
      "xyz": {
        "zone": "xyz",
        "zone_utf8": "xyz",
        "registry": {
          "name": "XYZ.COM LLC",
          "id": "XYZCOM-LLC",
          "info_url": "http://ntldstats.com/registry/XYZCOM-LLC",
          "url": "http://nic.xyz"
        },
        "backend": {
          "name": "CentralNic",
          "id": "CentralNic",
          "info_url": "http://ntldstats.com/backend/CentralNic",

```

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```
        "url": "http:\\\\www.centralnic.com"
      },
      "current_stage": "GA",
      "total_domains": 704262
    }
  },
  "stats": {
    "total_domains": 3097027,
    "total_tlds": 430
  }
},
"code": 1000,
"msg": "Command completed successfully",
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/tlds>

2.5.2 TLD Statistic

Command

GET /stats/tld/<zone>

Arguments

limit limit result of registrars

Response

tld TLD Object

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

registry Registry object

backend Backend object

current_stage name of current stage

total_domains total count of registered domains in this TLD

total_registrars total count of registrars

registrars list of Registrars objects

Registry Object

id id of Registry

name name of Registry

info_url public nTLDStats URL to get more information about Registry

url url of Registry

Backend Object

id id of Backend

name name of Backend

info_url public nTLDStats URL to get more information about Backend

url url of Backend

Registrar Object

id id of Registrar

iana_id registrar IANA id

name name of Registrar

url homepage of Registrar

registrar_group Registrar Group object

domain_count total registered domains

Registrar Group Object

name name of Registrar Group

url homepage of Registrar Group

Example

Request

```
GET /stats/tld/berlin
```

Response

```
{
  "resData": {
    "tld": {
      "zone": "berlin",
      "zone_utf8": "berlin",
      "registry": {
        "id": "dotBERLIN-GmbH-Co-KG",
        "name": "dotBERLIN GmbH & Co. KG",
        "url": "http://nic.berlin"
      },
      "backend": {
        "id": "TLDBOX-Registrydienstleistungen-GmbH",
        "name": "TLD-BOX Registrydienstleistungen GmbH",
        "url": "http://www.tld-box.at"
      },
      "total_domains": 153742,
      "total_registrars": 45,
      "registrars": [{
        "iana_id": "151",
        "name": "PSI-USA, Inc. dba Domain Robot",
        "url": "http://www.psi-usa.info",

```

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```
        "registrar_group": {
            "name": "InterNetX GmbH",
            "url": null
        },
        "domain_count": 92056
    }],
    "current_stage": "GA"
},
"stats": {
    "total_domains": 3111803,
    "total_tlds": 431
}
},
"code": 1000,
"msg": "Command completed successfully"
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/tld/berlin>

2.5.3 Registrars Statistic

Command

GET /stats/registrars

Arguments

limit limit result to X tlds - default 30

details if true, result contains details

Response

registrars list of Registrar Objects

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

Registrar Object

id id of Registrar

iana_id registrar IANA id

name name of Registrar

url homepage of Registrar

registrar_group Registrar Group object

total_domains total registered domains

tlds list of TLD objects (only on detailed listing)

total_tlds total count of TLDs (only on detailed listing)

Registrar Group Object

name name of Registrar Group
url homepage of Registrar Group

TLD Object

zone name of tld, idn encoded
zone_utf8 name of tld in native language
current_stage name of current stage
domain_count total count of registered domains in this TLD

Example

Request

```
GET /stats/registrars
```

Response

```
{
  "resData": {
    "stats": {
      "total_domains": 3111803,
      "total_tlds": 431
    },
    "registrars": [{
      "id": "146",
      "iana_id": "146",
      "name": "GoDaddy.com, LLC",
      "url": "http://www.godaddy.com",
      "registrar_group": {
        "name": "GoDaddy Group",
        "url": "http://godaddy.com/"
      },
      "total_domains": 490765
    }
  ],
  "code": 1000,
  "msg": "Command completed successfully"
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/registrars>

2.5.4 Registrar Statistic

Command

GET /stats/registrar/<iana_id>

Arguments

limit limit result of tlds

Response

registrar Registrar Object

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

Registrar Object

id id of Registrar

iana_id registrar IANA id

name name of Registrar

url homepage of Registrar

registrar_group Registrar Group object

total_domains total registered domains

total_tlds total count of TLDs

tlds list of TLD objects

Registrar Group Object

name name of Registrar Group

url homepage of Registrar Group

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

current_stage name of current stage

domain_count total count of registered domains in this TLD

Example

Request

```
GET /stats/registrar/146
```

Response

```
{
  "resData": {
    "registrar": {
      "id": "146",
      "iana_id": "146",
      "name": "GoDaddy.com, LLC",
      "url": "http://www.godaddy.com",
      "registrar_group": {
        "name": "GoDaddy Group",
        "url": "http://godaddy.com/"
      },
      "total_domains": 490765,
      "total_tlds": 220,
      "tlds": [{
```

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```

        "zone": "guru",
        "zone_utf8": "guru",
        "domain_count": 44201,
        "current_stage": "GA"
    }
  ],
  "stats": {
    "total_domains": 3111803,
    "total_tlds": 431
  },
  "code": 1000,
  "msg": "Command completed successfully"
}

```

Sample Link: <https://beta.api.ntldstats.net/stats/registrar/146>

2.5.5 Backends Statistic

Command

GET /stats/backends

Arguments

limit limit result to X tlds - default 30

details if true, result contains details

Response

backends list of Backend Objects

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

Backend Object

id id of Backend

name name of Backend

url homepage of Backend

total_domains total registered domains

tlds list of TLD objects (only on detailed listing)

total_tlds total count of TLDs (only on detailed listing)

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

current_stage name of current stage

domain_count total count of registered domains in this TLD

Example

Request

```
GET /stats/backends
```

Response

```
{
  "resData": {
    "stats": {
      "total_domains": 3111803,
      "total_tlds": 431
    },
    "backends": [{
      "id": "Donuts-Inc",
      "name": "Donuts Inc.",
      "url": "http:\\\\www.donuts.co",
      "total_domains": 1050611
    }]
  },
  "code": 1000,
  "msg": "Command completed successfully"
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/backends>

2.5.6 Backend Statistic

Command

GET /stats/backend/<id>

Arguments

limit limit result of tlds

Response

backend Backend Object

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

Backend Object

id id of Backend

name name of Backend

url homepage of Backend

total_domains total registered domains

tlds list of TLD objects

total_tlds total count of TLDs

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

current_stage name of current stage

domain_count total count of registered domains in this TLD

Example

Request

```
GET /stats/backend/Donuts-Inc
```

Response

```
{
  "resData": {
    "backend": {
      "id": "Donuts-Inc",
      "name": "Donuts Inc.",
      "url": "http:\\\\www.donuts.co",
      "total_domains": 1050611,
      "total_tlds": 152,
      "tlds": [{
        "zone": "guru",
        "zone_utf8": "guru",
        "domain_count": 75685,
        "current_stage": "GA"
      }]
    },
    "stats": {
      "total_domains": 3111803,
      "total_tlds": 431
    }
  },
  "code": 1000,
  "msg": "Command completed successfully"
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/backend/Donuts-Inc>

2.5.7 Registries Statistic

Command

GET /stats/registries

Arguments

limit limit result to X tlds - default 30

details if true, result contains details

Response

registries list of Registry Objects

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

Registry Object

id id of Registry

name name of Registry

url homepage of Registry

total_domains total registered domains

tlds list of TLD objects (only on detailed listing)

total_tlds total count of TLDs (only on detailed listing)

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

current_stage name of current stage

domain_count total count of registered domains in this TLD

Example

Request

```
GET /stats/registries
```

Response

```
{
  "resData": {
    "stats": {
      "total_domains": 3111803,
      "total_tlds": 431
    },
    "registries": [{
      "id": "XYZCOM-LLC",
      "name": "XYZ.COM LLC",
      "url": "http:\\\\nic.xyz",
      "total_domains": 706635
    }]
  },
  "code": 1000,
  "msg": "Command completed successfully"
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/registries>

2.5.8 Registry Statistic

Command

GET /stats/registry/<id>

Arguments

limit limit result of tlds

Response

registry Registry Object

stats total stats object

Total Stats Object

total_domains total count of registered domains

total_tlds total count of tlds

Registry Object

id id of Registry

name name of Registry

url homepage of Registry

total_domains total registered domains

tlds list of TLD objects

total_tlds total count of TLDs

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

current_stage name of current stage

domain_count total count of registered domains in this TLD

Example

Request

```
GET /stats/registry/XYZCOM-LLC
```

Response

```
{
  "resData": {
    "registry": {
      "id": "XYZCOM-LLC",
      "name": "XYZ.COM LLC",
      "url": "http:\\\\nic.xyz",
      "total_domains": 706635,
      "total_tlds": 2,
      "tlds": [{
```

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```
        "zone": "xyz",
        "zone_utf8": "xyz",
        "domain_count": 706634,
        "current_stage": "GA"
    }]
},
"stats": {
    "total_domains": 3111803,
    "total_tlds": 431
},
"code": 1000,
"msg": "Command completed successfully"
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/registry/XYZCOM-LLC>

2.5.9 Parking Statistics by TLD

Command

GET /stats/parking/tlds

Arguments – None

Response

stats Global Statistic object

tlds list of TLD objects

Global Statistic Object

total_domains total count of registered domains

total_tlds total count of tlds

parking_domains total count of parking domains

no_ns total count of domains without nameservers

parking_ns total count of domains with parking nameservers

no_record total count of domains without A record

parking_ip total count of domains with parking IP

private_ip total count of domains resolving to private IPs

parking_check total count of domains returning parking websites

http_error total count of domains with HTTP errors

redirect total count of domains returning redirect code

Statistic Object

parking_domains total count of parking domains

no_ns total count of domains without nameservers

parking_ns total count of domains with parking nameservers

no_record total count of domains without A record

parking_ip total count of domains with parking IP

private_ip total count of domains resolving to private IPs

parking_check total count of domains returning parking websites

http_error total count of domains with HTTP errors

redirect total count of domains returning redirect code

TLD Object

zone name of tld, idn encoded

zone_utf8 name of tld in native language

domain_count total count of registered domains in this TLD

stats Statistic Object

Example

Request

```
GET /stats/parking/tlds
```

Response

```
{
  "resData": {
    "stats": {
      "total_tlds": 431,
      "total_domains": 3111803,
      "parking_domains": 2056544,
      "no_ns": 11660,
      "parking_ns": 231350,
      "no_record": 486538,
      "parking_ip": 97615,
      "private_ip": 7198,
      "parking_check": 1222183,
      "http_error": 290152,
      "redirect": 281672
    },
    "tlds": [{
      "zone": "xyz",
      "zone_utf8": "xyz",
      "total_domains": 709096,
      "stats": {
        "parking_domains": 485117,
        "no_ns": 3356,
        "parking_ns": 6015,
        "no_record": 68129,
        "parking_ip": 4329,
        "private_ip": 3496,
        "parking_check": 399792,
        "http_error": 105986,
        "redirect": 20461
      }
    }
  ]
}
```

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```
    }},  
    "code": 1000,  
    "msg": "Command completed successfully",  
  }  
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/parking/tlds>

2.5.10 Parking Statistics by Registrar

Command

GET /stats/parking/registrars

Arguments – None

Response

stats Global Statistic object

registrars list of Registrar objects

Global Statistic Object

total_domains total count of registered domains

total_tlds total count of tlds

parking_domains total count of parking domains

no_ns total count of domains without nameservers

parking_ns total count of domains with parking nameservers

no_record total count of domains without A record

parking_ip total count of domains with parking IP

private_ip total count of domains resolving to private IPs

parking_check total count of domains returning parking websites

http_error total count of domains with HTTP errors

redirect total count of domains returning redirect code

Statistic Object

parking_domains total count of parking domains

no_ns total count of domains without nameservers

parking_ns total count of domains with parking nameservers

no_record total count of domains without A record

parking_ip total count of domains with parking IP

private_ip total count of domains resolving to private IPs

parking_check total count of domains returning parking websites

http_error total count of domains with HTTP errors

redirect total count of domains returning redirect code

Registrar Object

id id of Registrar

iana_id registrar IANA id

name name of Registrar

url homepage of Registrar

registrar_group Registrar Group object

total_domains total registered domains

stats Statistic object

Registrar Group Object

name name of Registrar Group

url homepage of Registrar Group

Example

Request

```
GET /stats/parking/registrars
```

Response

```
{
  "resData": {
    "stats": {
      "total_tlds": 431,
      "total_domains": 3111803,
      "parking_domains": 2056544,
      "no_ns": 11660,
      "parking_ns": 231350,
      "no_record": 486538,
      "parking_ip": 97615,
      "private_ip": 7198,
      "parking_check": 1222183,
      "http_error": 290152,
      "redirect": 281672
    },
    "registrars": [{
      "total_domains": 413708,
      "id": "2-Network-Solutions-LLC",
      "iana_id": "2",
      "name": "Network Solutions, LLC",
      "registrar_group": {
        "name": "Web.com",
        "url": "https:\\\\www.web.com\\"
      },
      "stats": {
        "parking_domains": 397980,
        "no_ns": 37,
        "parking_ns": 145,
        "no_record": 16088,
        "parking_ip": 6,
```

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```
        "private_ip": 28,  
        "parking_check": 381676,  
        "http_error": 11376,  
        "redirect": 2953  
    },  
    ],  
    "code": 1000,  
    "msg": "Command completed successfully",  
}
```

Sample Link: <https://beta.api.ntldstats.net/stats/parking/registrars>

2.5.11 Fraud Statistics

Command

GET /stats/fraud

Arguments

limit limit result to X items - default 1000
details if true, result contains items list
no_nameserver default true, skip entries without nameservers
no_dns_hold default true, skip entries with dns hold flag
has_dns_record default true, skip entries without dns records
no_resolving_ns default true, skip entries with “non-resolver-nameserver”
tld limit result for specific TLD

Response

stats Global Statistic object
lists list of Blacklist List objects
tlDs list of TLD Statistic objects
items list of Blacklist Entry objects (optional)

Global Statistic Object

total_domains total count of registered domains
total_tlds total count of tlds
total_fraud_domains total count of suspicious domains
total_dnsbl_domains total count of domains in dnsbl lists
total_dnsbl_lists total count of dnsbl lists
total_gsb_domains total count of domains in gsb lists
total_gsb_lists total count of gsb lists

TLD Statistic Object

count total count of suspicious domains

zone name of tld, idn encoded
zone_utf8 name of tld in native language

Blacklist List Object

id id of blacklist item
name name of blacklist
name_short shorter version of name
url url of blacklist
dnshost blacklist hostname (optional)
total_active_records total count of suspicious domains (optional)

Blacklist Entry Object

created date entry added to database
domain_name name of domain, idn encoded
domain_name_utf8 name of domain in native language
tld name of tld, idn encoded
tld_utf8 name of tld in native language
country iso country code owner contact
lists list of Blacklist List Object
additional_info additional infos returned by blacklist
additional_link additional link returned by blacklist
has_nameserver domain has linked nameservers
has_dns_hold dns hold flag is set for domain
has_dns_record domain nameserver answered with valid A record
scan Scan Object

Scan Object

date date of scan
perm_url url of scan result
infected count of positive scan results
total total count of scanners
results list of Scan Result Object

Scan Result Object

name name of product
manufacturer name of manufacturer
url url of product/manufacturer

Example

Request

```
GET /stats/fraud
```

Response

```
{
  "resData": {
    "stats": {
      "total_domains": 3631218,
      "total_tlds": 436,
      "total_fraud_domains": 1696,
      "total_dnsbl_domains": 2,
      "total_dnsbl_lists": 29,
      "total_gsb_domains": 2,
      "total_gsb_lists": 4
    },
    "lists": {
      "dnsbl": [{
        "id": 328,
        "name": "abuse.ch ZeuS Tracker Domain",
        "name_short": "abuse.ch (ZeuS)",
        "url": "https://zeustracker.abuse.ch/",
        "dnshost": "uribl.zeustracker.abuse.ch",
        "total_active_records": 0
      }],
      "gsb": [{
        "id": 1,
        "name": "Google Safe Browsing Phishing",
        "name_short": "Phishing",
        "url": "https://developers.google.com/safe-browsing/safebrowsing_
↪faq",
        "total_active_records": 15
      }],
      "tlds": [{
        "count": 806,
        "zone": "link",
        "zone_utf8": "link"
      }],
      "items": {
        "dnsbl": [{
          "created": "2014-12-27T08:02:33Z",
          "additional_info": "",
          "domain_name": "kino",
          "tld": "menu",
          "country": "CA",
          "domain_name_utf8": "kino",
          "tld_utf8": "menu",
          "lists": [{
            "name": "Spamhaus DBL Domain Block List",
            "url": "http://www.spamhaus.org/dbl/",
            "id": 575
          }],
          "scan": {
            "date": "2015-02-13T13:34:32Z",
```

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```

        "perm_url": "https:\\\\www.virustotal.com\\url\\
↪f67ff04ccb199e86bcf6804df47a931986298fd59bda5baf39bdb7b3bee21b36\\analysis\\
↪1423834472\\",
        "infected": "0",
        "total": "62",
        "results": []
    }
    "additional_link": "http:\\\\www.spamhaus.org\\query\\dbl?domain=kino.
↪menu",
    "has_nameserver": true,
    "has_dns_hold": false,
    "has_dns_record": true
  }],
  "gsb": [{
    "created": "2014-12-28T04:21:10Z",
    "additional_info": "",
    "domain_name": "starradio",
    "tld": "london",
    "country": "GB",
    "domain_name_utf8": "starradio",
    "tld_utf8": "london",
    "lists": [{
      "name": "Google Safe Browsing Malware",
      "url": "https:\\\\developers.google.com\\safe-browsing\\
↪safebrowsing_faq",
      "id": 2
    }],
    "scan": {
      "date": "2015-02-13T11:31:14Z",
      "perm_url": "https:\\\\www.virustotal.com\\url\\
↪c3b1649f5cf4723ce80199e2a1673a63c87df9992a06c66689b8a26e5a9302cb\\analysis\\
↪1423827074\\",
      "infected": "1",
      "total": "62",
      "results": [{
        "name": "Google Safebrowsing",
        "manufacturer": "Google",
        "url": "http:\\\\code.google.com\\apis\\safebrowsing\\"
      }]
    }
    "additional_link": "https:\\\\safebrowsing.clients.google.com\\
↪safebrowsing\\diagnostic?site=starradio.london",
    "has_nameserver": true,
    "has_dns_hold": false,
    "has_dns_record": true
  }],
  },
  "code": 1000,
  "msg": "Command completed successfully"
}

```

Sample Link: <https://beta.api.ntldstats.net/stats/fraud>

2.6 Public Information

All calls to `/i/` endpoint work without API token authentication.

API response format can be set to CSV as append `/csv` to the URL:

Sample Links:

- <http://api.ntldstats.net/i/tlds/csv>
- <http://api.ntldstats.net/i/applications/csv>

2.6.1 List tlds

Command

GET `/i/tlds`

Arguments – None

Response

tlds list of TLD objects

TLD Object

zone name of tld, idn encoded
zone_utf8 name of tld in native language
delegated true if tld is already delegated
applications list of Small Application object
registry Registry object (optional)
backend Backend object (optional)
whois Whois object (optional)
trademark_claims Trademark Claims object (optional)

Small Application Object

id id of application
applicant name of applicant
status current application status

Registry Object

id id of Registry
name name of Registry
info_url public nTLDStats URL to get more information about Registry
url url of Registry

Backend Object

id id of Backend
name name of Backend
info_url public nTLDStats URL to get more information about Backend

url url of Backend

Whois Object

hostname hostname of whois server

charset default charset of whois server

ipv6 true if whois server supports IPv6 connections

options additional options to prefix whois request

Trademark Claims Object

open start date of trademark claim period

close end date of trademark claim period

Example

Request

```
GET /i/tlds
```

Response

```
{
  "resData": {
    "tlds": [{
      "zone": "xn--ngbc5azd",
      "zone_utf8": "\u0634\u0628\u0643\u0629",
      "delegated": true,
      "applications": [{
        "id": "1-1926-49360",
        "applicant": "International Domain Registry Pty. Ltd.",
        "status": "delegated"
      }],
      "registry": {
        "name": "International Domain Registry Pty. Ltd.",
        "id": "International-Domain-Registry-Pty-Ltd",
        "info_url": "http://ntldstats.com/registry/International-Domain-Registry-Pty-Ltd",
        "url": "http://www.dotshabaka.com"
      },
      "backend": {
        "name": "ARI Registry Services",
        "id": "ARI-Registry-Services",
        "info_url": "http://ntldstats.com/backend/ARI-Registry-Services",
        "url": "http://www.ariservices.com"
      },
      "whois": {
        "hostname": "whois.nic.xn--ngbc5azd",
        "charset": "ascii",
        "ipv6": true,
        "options": ""
      }
    }],
    "code": 1000,
  }
}
```

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```
}  
  "msg": "Command completed successfully",  
}
```

Sample Link: <http://api.ntldstats.net/i/tlds>

2.6.2 List new gtld applications

Command

GET /i/applications

Arguments – None

Response

applications list of Application objects

Application Object

id id of application

priority_number priority number of application

label name of label, idn encoded

label_utf8 name of label in native language

status current application status as string

applicant Applicant object

evaluation Evaluation object

cpe_status current CPE status (optional)

Applicant Object

name name of Applicant

country_code Country code indicated by applicant as principal place of business

primary_contact Primary Contact object

support_result Result of support evaluation (optional)

Primary Contact Object

name name of primary applicant contact

email email of primary applicant contact

Evaluation Object

result result of evaluation as string

pdf link to official result PDF

Example

Request

```
GET /i/applications
```

Response

```
{
  "resData": {
    "applications": [{
      "id": "1-1114-79381",
      "priority_number": "1016",
      "status": "delegated",
      "label": "schmidt",
      "label_utf8": "schmidt",
      "applicant": {
        "name": "SALM S.A.S.",
        "country_code": "FR",
        "primary_contact": {
          "name": "Jacques Haas",
          "email": "jacques.haas@salm.fr"
        }
      },
      "evaluation": {
        "result": "Pass IE",
        "pdf": "http:\\\\newgtlds.icann.org\\en\\program-status\\application-
→results\\ie-1-1114-79381-en.pdf"
      }
    }],
    "code": 1000,
    "msg": "Command completed successfully",
  }
}
```

Sample Link: <http://api.ntldstats.net/i/applications>

2.6.3 List launch events

Command

GET|POST /i/launch

Arguments (to filter Response)

tld filter by given tld

filterby filter start/end by **start**, **end** or **inrange**, default **start**

start either “empty” (no limit) or date as ‘YYYY-MM-DD’

end either “empty” (no limit) or date as ‘YYYY-MM-DD’

stage list of stages (**SR**, **LR**, **EA**, **GA** or **OT**)

Response

events list of Event objects

filter used filters

Event Object

tld TLD object

stage Stage object

start DateTime of event start

end DateTime of event end
name name of event, only given if stage is **OT**,
description additional information as text
flags list of Flag objects

Stage Object

id ID of Stage
name Name of Stage

Flag Object

id ID of Flag
name Name of Flag
description additional information as text
short_name short cut name of Flag

Example

Request

```
POST /i/launch
{
  "tld": "bar"
}
```

Response

```
{
  "resData": {
    "events": [{
      "tld": {
        "zone": "bar",
        "zone_utf8": "bar",
        "registry": {
          "name": "Punto 2012 Sociedad Anonima Promotora de Inversion de_
↪Capital Variable",
          "id": "Punto-2012-Sociedad-Anonima-Promotora-de-Inversion-de-
↪Capital-Variable",
          "info_url": "http:\\\\ntldstats.com\\registry\\Punto-2012-
↪Sociedad-Anonima-Promotora-de-Inversion-de-Capital-Variable",
          "url": "http:\\\\nic.bar"
        },
        "backend": {
          "name": "CentralNic",
          "id": "CentralNic",
          "info_url": "http:\\\\ntldstats.com\\backend\\CentralNic",
          "url": "http:\\\\www.centralnic.com"
        }
      },
      "stage": {
        "id": "SR",
        "name": "Sunrise"
      }
    ]
  }
}
```

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```

    "start": "2014-04-09T00:00:00Z",
    "end": "2014-06-08T00:00:00Z",
    "name": null,
    "description": null,
    "flags": []
  }, {
    "tld": {
      "zone": "bar",
      "zone_utf8": "bar",
      "registry": {
        "name": "Punto 2012 Sociedad Anonima Promotora de Inversion de_
↪Capital Variable",
        "id": "Punto-2012-Sociedad-Anonima-Promotora-de-Inversion-de-
↪Capital-Variable",
        "info_url": "http:\\\\ntldstats.com\\registry\\Punto-2012-
↪Sociedad-Anonima-Promotora-de-Inversion-de-Capital-Variable",
        "url": "http:\\\\nic.bar"
      },
      "backend": {
        "name": "CentralNic",
        "id": "CentralNic",
        "info_url": "http:\\\\ntldstats.com\\backend\\CentralNic",
        "url": "http:\\\\www.centralnic.com"
      }
    },
    "stage": {
      "id": "LR",
      "name": "Landrush"
    },
    "start": "2014-06-11T12:00:00Z",
    "end": "2014-07-09T07:00:00Z",
    "name": null,
    "description": null,
    "flags": []
  }, {
    "tld": {
      "zone": "bar",
      "zone_utf8": "bar",
      "registry": {
        "name": "Punto 2012 Sociedad Anonima Promotora de Inversion de_
↪Capital Variable",
        "id": "Punto-2012-Sociedad-Anonima-Promotora-de-Inversion-de-
↪Capital-Variable",
        "info_url": "http:\\\\ntldstats.com\\registry\\Punto-2012-
↪Sociedad-Anonima-Promotora-de-Inversion-de-Capital-Variable",
        "url": "http:\\\\nic.bar"
      },
      "backend": {
        "name": "CentralNic",
        "id": "CentralNic",
        "info_url": "http:\\\\ntldstats.com\\backend\\CentralNic",
        "url": "http:\\\\www.centralnic.com"
      }
    },
    "stage": {
      "id": "OT",
      "name": "Other"
    }
  }

```

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```

    },
    "start": "2014-07-03T00:00:00Z",
    "end": "2014-07-31T23:59:00Z",
    "name": "Bar Family Names Sunrise",
    "description": "The purpose of this Sunrise is to allow resident Bar_
↪people to register their surnames under the .bar TLD prior to general availability._
↪This is called the \u201cBar Family Names Sunrise\u201d or locally the_
↪\u201cSanrajz period za registraciju prezimena na .bar domenima\u201d.\r\n\r\nThis_
↪Sunrise is restricted to applicants meeting the strict application and eligibility_
↪requirements set forth in this Policy.",
    "flags": [{
        "name": "Country restricted",
        "short_name": "COR",
        "description": "Registration is restricted for registrants from one_
↪country"
    }], {
        "name": "Special Restrictions",
        "short_name": "SPR",
        "description": "Registration is restricted to registrants\
↪organizations named by Registry"
    }
  ], {
    "tld": {
      "zone": "bar",
      "zone_utf8": "bar",
      "registry": {
        "name": "Punto 2012 Sociedad Anonima Promotora de Inversion de_
↪Capital Variable",
        "id": "Punto-2012-Sociedad-Anonima-Promotora-de-Inversion-de-
↪Capital-Variable",
        "info_url": "http://\ntldstats.com/registry/Punto-2012-
↪Sociedad-Anonima-Promotora-de-Inversion-de-Capital-Variable",
        "url": "http://\nic.bar"
      },
      "backend": {
        "name": "CentralNic",
        "id": "CentralNic",
        "info_url": "http://\ntldstats.com/backend/CentralNic",
        "url": "http://\www.centralnic.com"
      }
    },
    "stage": {
      "id": "GA",
      "name": "General Availability"
    },
    "start": "2014-07-14T12:00:00Z",
    "end": "2099-12-31T23:59:59Z",
    "name": null,
    "description": null,
    "flags": []
  }],
  "filter": {
    "start": "",
    "end": "",
    "stage": [],
    "tld": "bar",
    "filterby": "start"
  }
}

```

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```

    },
    "code": 1000,
    "msg": "Command completed successfully"
}

```

Sample Link: <http://api.ntldstats.net/i/launch>

2.6.4 List current CZDS requests

Command

GET /i/czds

Arguments – None

Response

total Total Object

requests list of Request Objects

Total Object

requests total count of requests send

approved total count of approved requests

pending total count of current pending requests

expired total count of expired requests

revoked total count of revoked requests

denied total count of denied requests

open count of currently unrequested zones

zones total count of zones available on CZDS

Request Object

id CZDS Request ID

status current status

zone name of tld, idn encoded

zone_utf8 name of tld in native language

approve_date DateTime when request approved

expire_date DateTime when request expired

request_date DateTime when request created

last_zone_update DateTime when zone got last update

zones_count Count of unique domains in last zone update

registry Registry object

backend Backend object

Registry Object

id id of Registry

name name of Registry

info_url public nTLDStats URL to get more information about Registry

Backend Object

id id of Backend

name name of Backend

info_url public nTLDStats URL to get more information about Backend

Example

Request

```
GET /i/czds
```

Response

```
{
  "resData": {
    "total": {
      "requests": 633,
      "approved": 337,
      "pending": 29,
      "expired": 258,
      "revoked": 1,
      "denied": 8,
      "open": 0,
      "zones": 367
    },
    "requests": [{
      "id": 210385,
      "status": "pending",
      "zone": "top",
      "zone_utf8": "top",
      "approve_date": "0000-00-00 00:00:00",
      "expire_date": "0000-00-00 00:00:00",
      "request_date": "2014-08-21 00:00:00",
      "last_zone_update": "0000-00-00 00:00:00",
      "zones_count": 0,
      "registry": {
        "name": "Jiangsu Bangning Science & Technology Co.,Ltd.",
        "id": "Jiangsu-Bangning-Science-Technology-CoLtd",
        "info_url": "http:\\\\ntldstats.com\\registry\\Jiangsu-Bangning-
↵Science-Technology-CoLtd"
      },
      "backend": {
        "name": "Jiangsu Bangning Science & technology Co.,Ltd.",
        "id": "Jiangsu-Bangning-Science-technology-CoLtd",
        "info_url": "http:\\\\ntldstats.com\\backend\\Jiangsu-Bangning-
↵Science-technology-CoLtd"
      }
    ]
  },
  "code": 1000,
```

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```
"msg": "Command completed successfully"
}
```

Sample Link: <http://api.ntldstats.net/i/czds>