

[Overview](#)[Coupon](#)[Directory](#)[Loyalty](#)[Account](#)[Others](#)**Version 4**

**!** As we are constantly improving our system, we decided to part away from our version 3 directory and start from scratch for version 4. This means that our current directory (version 4) is not compatible with API version 3 and vice-versa. [Which version do I need?](#)

**DIRECTORY**[List directories](#)[Get directory](#)**USER**[List users](#)[Get user](#)[Create user](#)[Update user](#)[Give paid access](#)[Revoke paid access](#)

## Directory

### List directories

Retrieve a list of all directories.

**GET**<https://api.coupontools.com/v4/directory>

**Authentication:** [API Keys](#)

**AUTHENTICATION**[Create single sign-on](#)**DISTRIBUTION**[Send directory by email](#)[Send directory by text message](#)

### Example

```
1 const https = require("https");
2 const options = {
3   hostname: "api.coupontools.com",
4   port: 443,
5   path: "/v4/directory",
6   method: "GET",
7   headers: {
8     "x-api-key": 'XXX',
9     "x-api-secret": 'YYY',
10   },
11 };
12 const req = https.request(options, (res) => {
13   console.log(`statusCode: ${res.statusCode}`);
14   res.on("data", (d) => {
15     process.stdout.write(d);
16   });
17 });
18 req.end();
```

**Node**

### Response

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```
        "description": null,
        "preview_image": "https://images-couowntools.s3.eu-central-1.amazonaws.com/1642183853434.png",
        "created_at": "2022-01-18T10:12:43.000000Z",
        "updated_at": "2022-01-18T10:12:43.000000Z",
        "url": "https://promodeals.app/abcdefgh1"
    },
    {
        "id": 2,
        "code": "abcdefgh2",
        "name": "Directory 2",
        "description": null,
        "preview_image": "https://images-couowntools.s3.eu-central-1.amazonaws.com/1642183853434.png",
        "created_at": "2022-01-18T13:26:25.000000Z",
        "updated_at": "2022-01-18T13:26:25.000000Z",
        "url": "https://promodeals.app/abcdefgh2"
    }
]
```

## Get directory

Retrieve directory information by ID.

**GET****https://api.couowntools.com/v4/directory/{id}**

**Authentication:** [API Keys](#)

**Example**

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```

5   method: "GET",
6   headers: {
7     "x-api-key": 'XXX',
8     "x-api-secret": 'YYY',
9   },
10  },
11  );
12 const req = https.request(options, (res) => {
13   console.log(`statusCode: ${res.statusCode}`);
14   res.on("data", (d) => {
15     process.stdout.write(d);
16   });
17 });
18 req.end();

```

## Response

```
{
  "id": 1,
  "code": "abcdefgh1",
  "name": "Directory 1",
  "description": null,
  "preview_image": "https://images-couptools.s3.eu-central-1.amazonaws.com/1.png",
  "created_at": "2022-01-18T10:12:43.000000Z",
  "updated_at": "2022-01-18T10:12:43.000000Z",
}
```

# Directory users

## List users

Retrieve a list of all registered users for a directory.

<a href="#">GET</a>	<a href="https://api.couptools.com/v4/directory/{id}/users">https://api.couptools.com/v4/directory/{id}/users</a>
---------------------	---

**Authentication:** [API Keys](#)

## Example

```

1 const https = require("https");
2 const options = {
3   hostname: "api.couptools.com",
4   port: 443,
5   path: "/v4/directory/{id}/users",
6   method: "GET",
7   headers: {

```

Node



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```

14     res.on("data", (d) => {
15         process.stdout.write(d);
16     });
17 });
18 req.end();

```

## Response

```
[
  {
    "id": 1,
    "data": {
      "email": "john@doe.com",
      "first_name": "John",
      "last_name": "Doe",
      "phone": null,
      "birth_date": null,
      "address": null,
      "zip": null,
      "city": null,
      "country": null,
      "custom_1": null,
      "custom_2": null,
      "custom_3": null
    },
    "subscription": null,
    "provider": null,
    "blocked": false,
    "linked_at": "2022-01-18T14:50:58.000000Z",
    "created_at": "2022-01-18T14:50:54.000000Z",
    "updated_at": "2022-01-18T14:50:54.000000Z"
  }
]
```

## Get user

Get a directory user by ID.

<a href="#">GET</a>	<a href="https://api.coupontools.com/v4/directory/{id}/users/{userId}">https://api.coupontools.com/v4/directory/{id}/users/{userId}</a>
---------------------	---

**Authentication:** [API Keys](#)

## Example

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```

5   method: 'GET',
6   headers: {
7     "x-api-key": 'XXX',
8     "x-api-secret": 'YYY',
9   },
10  },
11  );
12 const req = https.request(options, (res) => {
13   console.log(`statusCode: ${res.statusCode}`);
14   res.on("data", (d) => {
15     process.stdout.write(d);
16   });
17 });
18 req.end();

```

## Response

```
{
  "id": 1,
  "data": {
    "email": "john@doe.com",
    "first_name": "John",
    "last_name": "Doe",
    "phone": null,
    "birth_date": null,
    "address": null,
    "zip": null,
    "city": null,
    "country": null,
    "custom_1": null,
    "custom_2": null,
    "custom_3": null
  },
  "subscription": null,
  "provider": null,
  "blocked": false,
  "linked_at": "2022-01-18T14:50:58.000000Z",
  "created_at": "2022-01-18T14:50:54.000000Z",
  "updated_at": "2022-01-18T14:50:54.000000Z"
}
```

## Create user

Create a directory user.

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## Parameters

Required **email** Email address

---

Optional **password** Password

If not defined, we'll generate a random password

---

Optional **first\_name** First name

---

Optional **last\_name** Last name

---

Optional **phone** Phone

---

Optional **birth\_date** Date (format: yyyy-MM-dd)

Birth date

---

Optional **address** Address

---

Optional **zip** Zip

---

Optional **city** City

---

Optional **custom\_1 - custom\_3** String

Custom 1 through custom 3

---

## Example

```
1 const https = require("https");
2 const data = JSON.stringify({
3   email: "john@doe.com",
4   password': "my-secret-password",
5   first_name: "John",
6   last_name: "Doe"
7 });
8 const options = {
9   hostname: "api.coupontools.com",
10  port: 443,
11  path: "/v4/directory/{id}/users",
12  method: "POST",
```

Node



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```

19  };
20 const req = https.request(options, (res) => {
21   console.log(`statusCode: ${res.statusCode}`);
22   res.on("data", (d) => {
23     process.stdout.write(d);
24   });
25 });
26 req.write(data);
27 req.end();

```

## Response

```
{
  "id": 1,
  "data": {
    "email": "john@doe.com",
    "first_name": "John",
    "last_name": "Doe",
    "phone": null,
    "birth_date": null,
    "address": null,
    "zip": null,
    "city": null,
    "country": null,
    "custom_1": null,
    "custom_2": null,
    "custom_3": null
  },
  "subscription": null,
  "provider": null,
  "blocked": false,
  "linked_at": "2022-01-18T14:50:58.000000Z",
  "created_at": "2022-01-18T14:50:54.000000Z",
  "updated_at": "2022-01-18T14:50:54.000000Z"
}
```

## Update user

Update a directory user. Currently only supports block.

POST	<a href="https://api.coupontools.com/v4/directory/{id}/users/{userI">https://api.coupontools.com/v4/directory/{id}/users/{userI</a>
------	---

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## Example

```

1 const https = require("https");
2 const data = JSON.stringify({
3   block: true
4 });
5 const options = {
6   hostname: "api.coupontools.com",
7   port: 443,
8   path: "/v4/directory/{id}/users/{userId}",
9   method: "POST",
10  headers: {
11    "x-api-key": "XXX",
12    "x-api-secret": "YYY",
13    "Content-Type": "application/json",
14    "Content-Length": data.length
15  },
16 };
17 const req = https.request(options, (res) => {
18   console.log(`statusCode: ${res.statusCode}`);
19   res.on("data", (d) => {
20     process.stdout.write(d);
21   });
22 });
23 req.write(data);
24 req.end();

```

Node



## Response

```
{
  "id": 1,
  "data": {
    "email": "john@doe.com",
    "first_name": "John",
    "last_name": "Doe",
    "phone": null,
    "birth_date": null,
    "address": null,
    "zip": null,
    "city": null,
    "country": null,
    "custom_1": null,
    "custom_2": null,
    "custom_3": null
  },
  "subscription": null,
  "provider": null,
  "blocked": true,
}
```

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## Give paid access

Give a directory user access to all paid content of a directory.

POST	<a href="https://api.coupontools.com/v4/directory/{id}/users/{userId}/access">https://api.coupontools.com/v4/directory/{id}/users/{userId}/access</a>
------	---

**Authentication:** [API Keys](#)

### Parameters

Optional **expires\_at** Date (format: 'yyyy-MM-dd HH:mm:ss')

UTC date when the paid access expires in 'yyyy-MM-dd HH:mm:ss' format.

### Example

```

1 const https = require("https");
2 const data = JSON.stringify({
3   expires_at: "2024-12-01 15:30:00"
4 });
5 const options = {
6   hostname: "api.coupontools.com",
7   port: 443,
8   path: "/v4/directory/{id}/users/{userId}/access",
9   method: "POST",
10  headers: {
11    "x-api-key": "XXX",
12    "x-api-secret": "YYY",
13    "Content-Type": "application/json",
14    "Content-Length": data.length
15  },
16};
17 const req = https.request(options, (res) => {
18   console.log(`statusCode: ${res.statusCode}`);
19   res.on("data", (d) => {
20     process.stdout.write(d);
21   });
22 });
23 req.write(data);
24 req.end();

```

Node ▾



### Response

```
{
  "message": "Paid access granted"
```

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TAKE AWAY A DIRECTORY USER'S ACCESS TO PAID CONTENT OF A DIRECTORY.

[DELETE](#)<https://api.coupontools.com/v4/directory/{id}/users/{userId}/access>

## Authentication: [API Keys](#)

### Example

```
1 const https = require("https");
2 const data = JSON.stringify({});  

3 const options = {
4   hostname: "api.coupontools.com",
5   port: 443,
6   path: "/v4/directory/{id}/users/{userId}/access",
7   method: "DELETE",
8   headers: {
9     "x-api-key": "XXX",
10    "x-api-secret": "YYY",
11    "Content-Type": "application/json",
12    "Content-Length": data.length
13  },
14};
15 const req = https.request(options, (res) => {
16   console.log(`statusCode: ${res.statusCode}`);
17   res.on("data", (d) => {
18     process.stdout.write(d);
19   });
20 });
21 req.write(data);
22 req.end();
```

Node ▾



### Response

```
{
  "message": "Paid access revoked"
}
```

## Create single sign-on

Creates a single-use single sign-on token. When passing the token in the url, the browser will automatically sign in as the requested user. The token will only be valid once.

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## Example

```

1 const https = require("https");
2 const data = JSON.stringify({}); 
3 const options = {
4     hostname: "api.coupontools.com",
5     port: 443,
6     path: "/v4/directory/{id}/users/{userId}",
7     method: "POST",
8     headers: {
9         "x-api-key": "XXX",
10        "x-api-secret": "YYY",
11        "Content-Type": "application/json",
12        "Content-Length": data.length
13    },
14 };
15 const req = https.request(options, (res) => {
16     console.log(`statusCode: ${res.statusCode}`);
17     res.on("data", (d) => {
18         process.stdout.write(d);
19     });
20 });
21 req.write(data);
22 req.end();

```

Node



## Response

```
{
  "sso_token": "ioDxYxXRPZadevIfRLR8P8KKGAMtg2",
  "sso_url": "https://promodeals.app/abcdefgij?token=ioDxYxXRP"
}
```

# Distribution

## Send directory by email

Distribute your directory through email. **Sending emails requires a positive email balance/credit** (check out: integrations -> email marketing).

POST

<https://api.coupontools.com/v4/directory/{id}/send/email>

**Authentication:** [API Keys](#)

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Optional **sender** Email address

Email address of sender. By default we'll use  
noreply@yourwhitelabedomain.com

Optional **type** text | html

text: Plain text body

html: HTML body (automatically parsed before sending)

Optional **subject** String

Subject of email

Optional **body** String

Body of email. Set 'type' parameter to 'html' to pass HTML body.  
Body is automatically parsed before sending.

Optional **button\_text** String

Text on button. By default button\_text is set to 'View deals'

## Example

```
1 const https = require("https");
2 const data = JSON.stringify({
3   receiver: "john@doe.com",
4   subject: "Directory Name",
5   body: "Hi John! Visit our coupon directory for exclusive
6 });
7 const options = {
8   hostname: "api.coupontools.com",
9   port: 443,
10  path: "/v4/directory/{id}/send/email",
11  method: "POST",
12  headers: {
13    "x-api-key": "XXX",
14    "x-api-secret": "YYY"
15    "Content-Type": "application/json",
16    "Content-Length": data.length
17  },
18 };
19 const req = https.request(options, (res) => {
20   console.log(`statusCode: ${res.statusCode}`);
21   res.on("data", (d) => {
22     process.stdout.write(d);
23   });
24 });
25 req.end(data);
```

Node ▾



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## Response

```
{
    "status": "sent",
    "receiver": "john@doe.com",
    "sender": "noreply@yourdomain.com",
    "subject": "Directory Name",
    "body": "Hi John! Visit our coupon directory for exclusive d
}
```

## Send directory by text message

You need to have an SMS marketing platform connected to be able to send out SMS messages (check out: integrations -> SMS marketing).

### E.164 phone number format:

First of all, in the international E.164 notation, a leading '0' is removed.

The UK mobile phone number '07911 123456' in international format is '+44 7911 123456', so without the leading zero.

Secondly, in the E.164 notation, all spaces, dashes ['-'] and parentheses ['(' and ')'] are removed, besides the leading '+', all characters should be numeric.

Example: +447911123456

**POST**

<https://api.coupontools.com/v4/directory/{id}/send/sms>

## Authentication: [API Keys](#)

### Parameters

Required **receiver** Phone number

Phone number of receiver. International E.164 notation

Optional **body** String

Body of SMS. The directory URL will be added to the back of the message

### Example

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```

6  const options = {
7    hostname: "api.coupontools.com",
8    port: 443,
9    path: "/v4/directory/{id}/send/sms",
10   method: "POST",
11   headers: {
12     "x-api-key": "XXX",
13     "x-api-secret": "YYY"
14     "Content-Type": "application/json",
15     "Content-Length": data.length
16   },
17 };
18 const req = https.request(options, (res) => {
19   console.log(`statusCode: ${res.statusCode}`);
20   res.on("data", (d) => {
21     process.stdout.write(d);
22   });
23 });
24 req.write(data);
25 req.end();

```

## Response

```
{
  "status": "sent",
  "receiver": "+123456789",
  "body": "Hi John! Visit our coupon directory for exclusive d
}
```