
Moxie Contacts API Documentation

Release 0.1

Mobile Oxford team, IT Services, University of Oxford

February 20, 2015

1	HTTP API	1
1.1	Contact endpoint	1
2	Internal API	3
2.1	Overview	3
3	Indices and tables	5
	HTTP Routing Table	7

1.1 Contact endpoint

Endpoint for contact search. Follows specification of Moxie.

GET /contact/search

Search for persons by name and medium (tel or email)

Example request:

```
GET /contact/search?q=smith&medium=phone&match=exact HTTP/1.1
Host: api.m.ox.ac.uk
Accept: application/json
```

Example response as HAL/JSON:

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "_links": {
    "self": {
      "href": "/contact/search?q=martin&medium=phone&match=exact"
    }
  },
  "persons": [
    {
      "external_tel": "xxxxx xxxxx",
      "internal_tel": "xxxxx",
      "name": "Martin, Dr X",
      "unit": "X, Department of"
    },
    {
      "external_tel": "xxxxx xxxxx",
      "internal_tel": "xxxxx",
      "name": "Martin, Dr X",
      "unit": "X"
    },
    [...]
  ]
}
```

The response contains a list of results.

Query Parameters

- **q** – search query
- **medium** – directory to search: *phone* or *email*
- **match** – which entries to match: *exact* or *approximate*

Status Codes

- **200 OK** – results found
- **400 Bad Request** – search query is inconsistent (expect details about the error as application/json in the body of the response)
- **503 Service Unavailable** – search service is not available

2.1 Overview

2.1.1 Contact services

Methods to search contacts from defined providers.

Indices and tables

- *genindex*
- *modindex*
- *search*

/contact

GET /contact/search, 1