

Bootcamp Day 3

Overview

Establish a connection between Person and Contacts services.

Additional Features

Describes a single, uni-directional relationship between two entities

Resource Identifier

```
/v1/contact/{ownerId}/{contactId}
```

| Part | Required | Type | Example | Description |
|-----------|----------|--------|---------|---|
| ownerId | yes | string | joe | The ID of the entity who owns the contact |
| contactId | yes | string | bob | The ID of the contact entity |

GET Method

Gets the existence of a relation between the given two entities.

Request

Http Body

None

Response

Returns a JSON list of the entity IDs that have been stored as contacts for the requested entity

```
{
  "ownerId": "joe",
  "contactId":
    {
      "id": "bob",
      "name": "Mr Bob",
      "email": "bob@example.com",
      "self": "http://localhost:8080/v1/person/bob"
    }
}
```

| Code | Description |
|------|-------------------------|
| 204 | Relation exists |
| 404 | Relation does not exist |

Http Body

None.

PUT Method

Creates a relation between the given two entities.

Request

Http Body

None

Response

Return Codes:

| Code | Description |
|------|------------------------|
| 204 | Success |
| 404 | Person does not exists |

Http Body

None.

DELETE Method

Deletes a relation between the given two entities.

Request

Http Body

None

Response

Return Codes:

| Code | Description |
|------|--|
| 204 | Success |
| 404 | - Relationship does not exists - Contact person entity is removed |

Http Body

None.

Feature

Limit the number of contacts per owner to 5

PUT Request

Http Body

None

Response

Return Codes:

| Code | Description |
|------|---|
| 204 | Success |
| 404 | - Person does not exists - Contact limit exceeds 5 |

Http Body

None.