

Bem-vindo!

ONE BIT CODE

PROGRAMAÇÃO ZEN!

OneBitTalk

TODA
5^a FEIRA
às
20h30
[ao vivo]

ONE BIT CODE
PROGRAMAÇÃO ZEN!

TUTORIAIS

TODA
6^a FEIRA
às
19h

Criando uma
API COMPLETA
com
RAILS



Como vai funcionar?



3 episódios

- ◆ Planejando nossa API
- ◆ Preparando a base da API
- ◆ Desenvolvendo e testando nossa API + Desafios finais



O que é uma *API*?



O que vamos criar?

O que vamos usar no projeto?



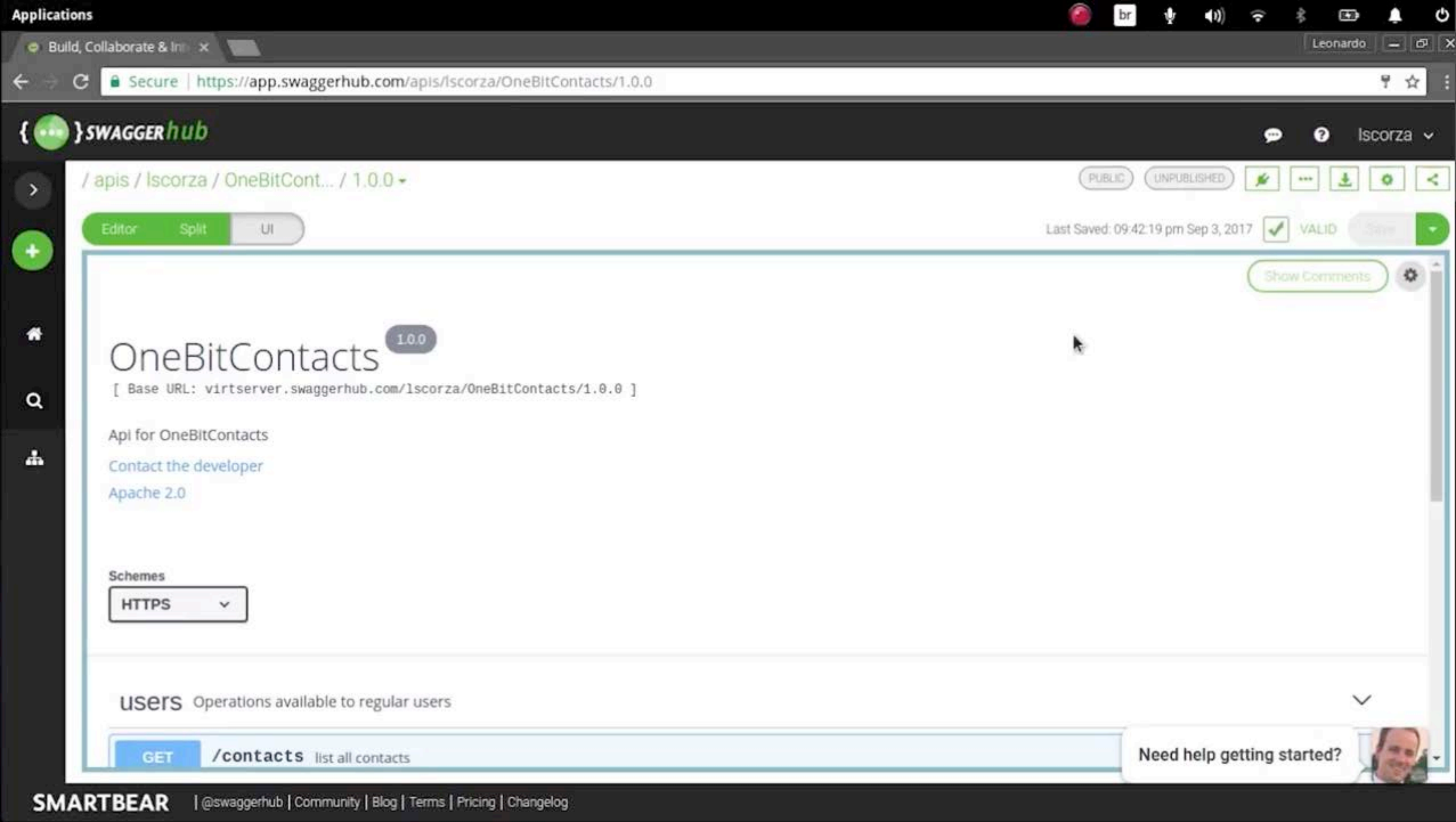
- ♥ Ruby
- ♦ Ruby On Rails (API mode)
- ♥ Rack Attack (Gem)
- ♦ Rack Cors (Gem)
- ♥ Devise (Gem)
- ♦ Devise Simple Token (Gem)

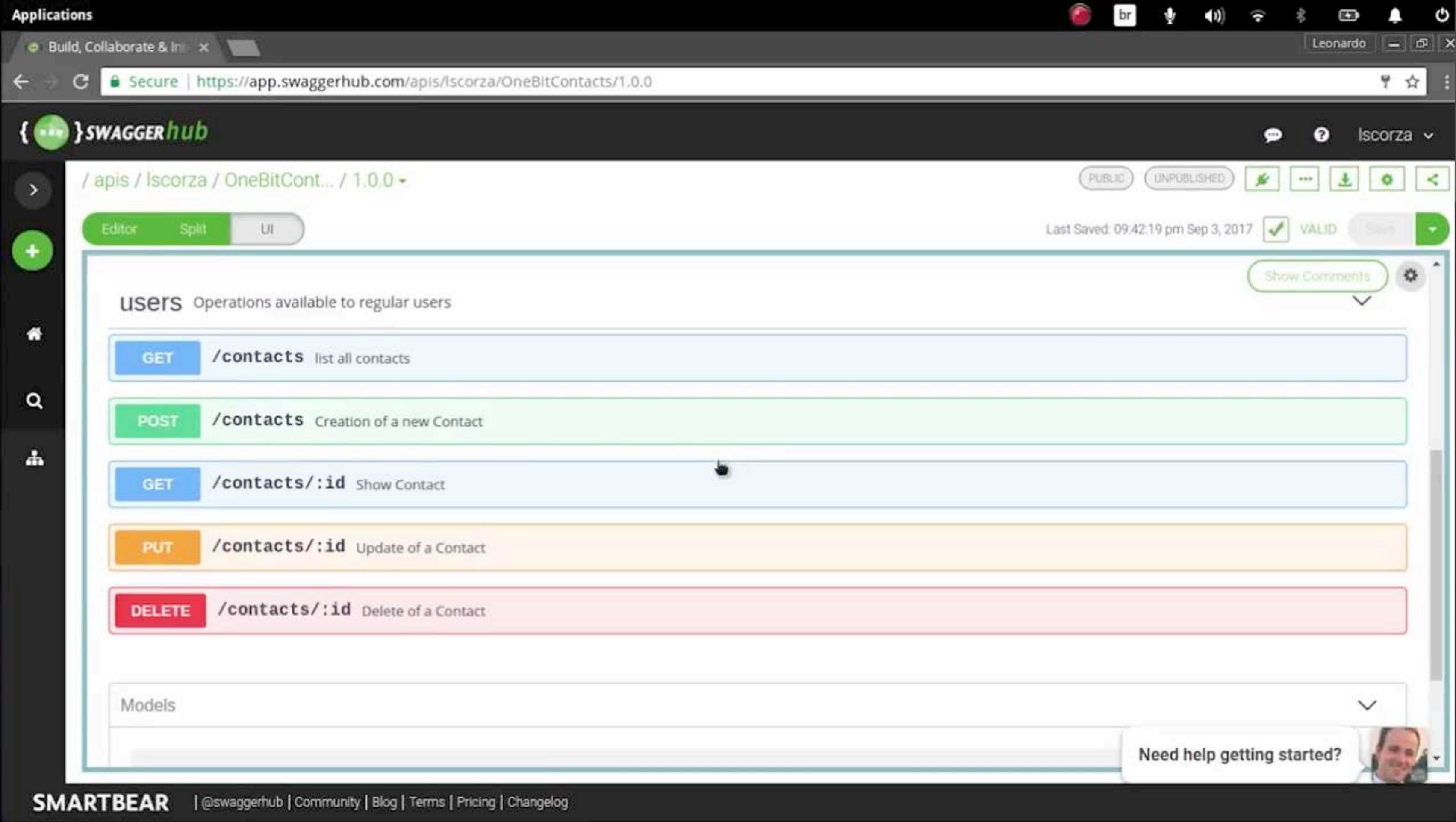


Parte 1: Planejando nossa API



Bora planejar nossos endpoints
com o **SwaggerHub**





Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...} SWAGGERhub

Leonardo

Iscorza

/ apis / lscorza / OneBitCont... / 1.0.0

PUBLICUNPUBLISHED

Last Saved: 09:42:19 pm Sep 3, 2017

VALID

EditorSplitUI

GET /contacts list all contacts

List all contacts of the user

Parameters

No parameters

Responses

Response content type application/json

Code	Description
200	<div>List of all User associated</div> <div>Example Value Model</div>

Show Comments

Try it out

SMARTBEAR

@swaggerhub | Community | Blog | Terms | Pricing | Changelog

Need help getting started?

Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...} SWAGGERhub

Leonardo

iscorza

/ apis / lscorza / OneBitCont... / 1.0.0

Editor

Split

UI

Last Saved: 09:42:19 pm Sep 3, 2017

VALID

Responses

Response content type

application/json

Show Comments

Code	Description
200	<div>List of all User associated</div> <div>Example Value Model</div> <div><pre>[{ "id": 1, "name": "Josep Maia", "email": "example@example.com", "phone": "+55 19 99709-3421", "description": "This contact is a good work partner" }]</pre></div>
401	<div>Unauthorized</div>

Need help getting started?

SMARTBEAR

@swaggerhub | Community | Blog | Terms | Pricing | Changelog

POST

/contacts

Creation of a new Contact

Show Comments

Creation of a new Contact in Agenda

Parameters

Try it out

Name

Description

Contact

Contact data

(body)

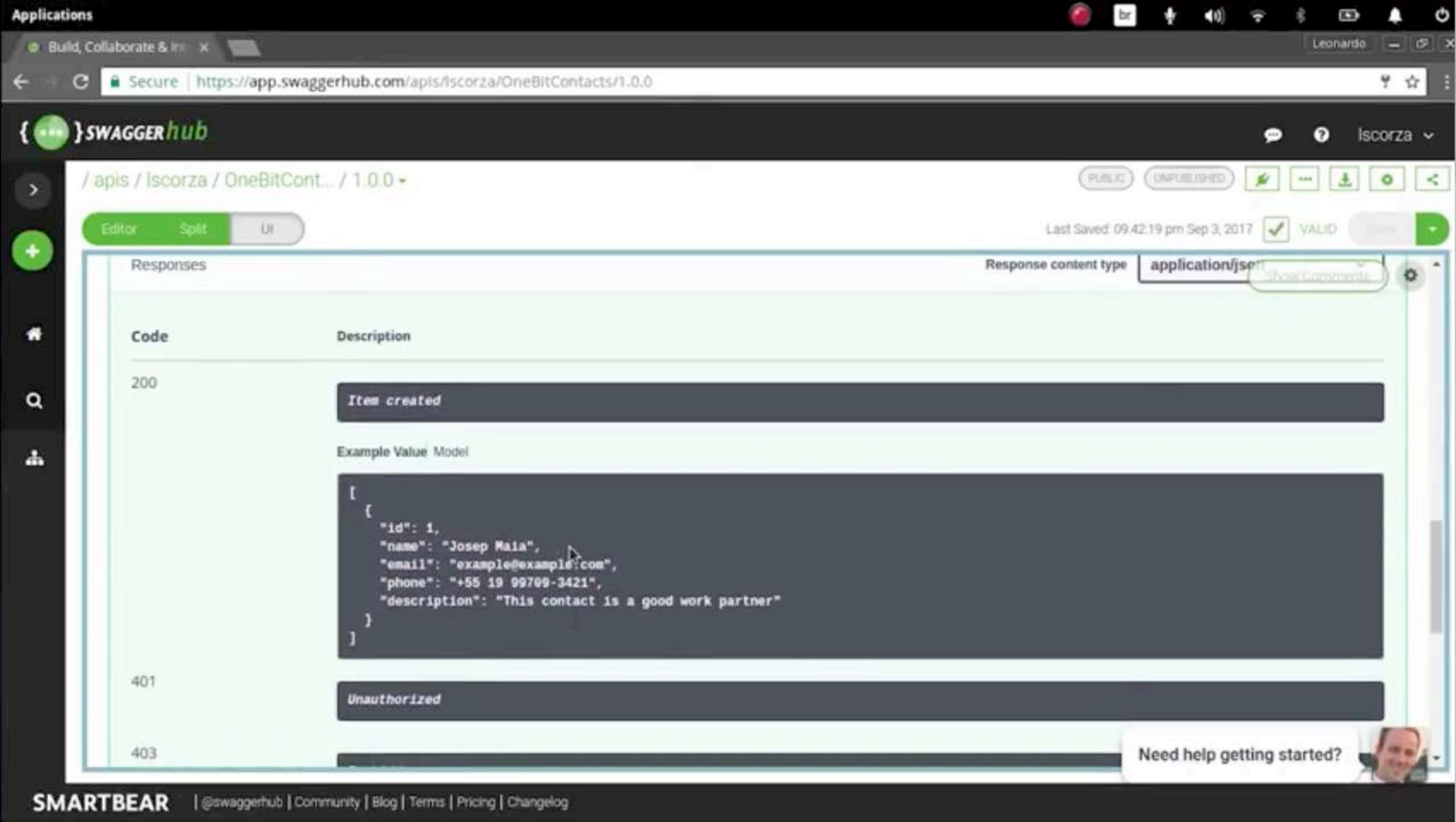
Example Value Model

```
{
  "name": "Josep Maia",
  "email": "example@example.com",
  "phone": "+55 19 99709-3421",
  "description": "This contact is a good work partner"
}
```

Parameter content type

application/json

Need help getting started?



Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...}SWAGGERhub

Leonardo

Iscorza

/ apis / lscorza / OneBitCont... / 1.0.0

EditorSplitUI

Last Saved: 09:42:19 pm Sep 3, 2017VALID

Show Comments

usersOperations available to regular users

GET/contactslist all contacts

POST/contactsCreation of a new Contact

GET/contacts/:idShow Contact

Show contact information

ParametersTry it out

NameDescription

idrequiredid of contact

string

Need help getting started?

SMARTBEAR | @swaggerhub | Community | Blog | Terms | Pricing | Changelog

Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...} SWAGGERhub

Leonardo

Iscorza

/ apis / lscorza / OneBitCont... / 1.0.0

PUBLIC

UNPUBLISHED

+

...

↓

⌂

+

⌕

👤

Editor

Split

UI

Last Saved: 09:42:19 pm Sep 3, 2017

✓

VALID

Save

Code

Description

Show Comments

200

Contact data

Example Value

Model

[
 {
 "id": 1,
 "name": "Josep Maia",
 "email": "example@example.com",
 "phone": "+55 19 99709-3421",
 "description": "This contact is a good work partner"
 }
]

401

Unauthorized

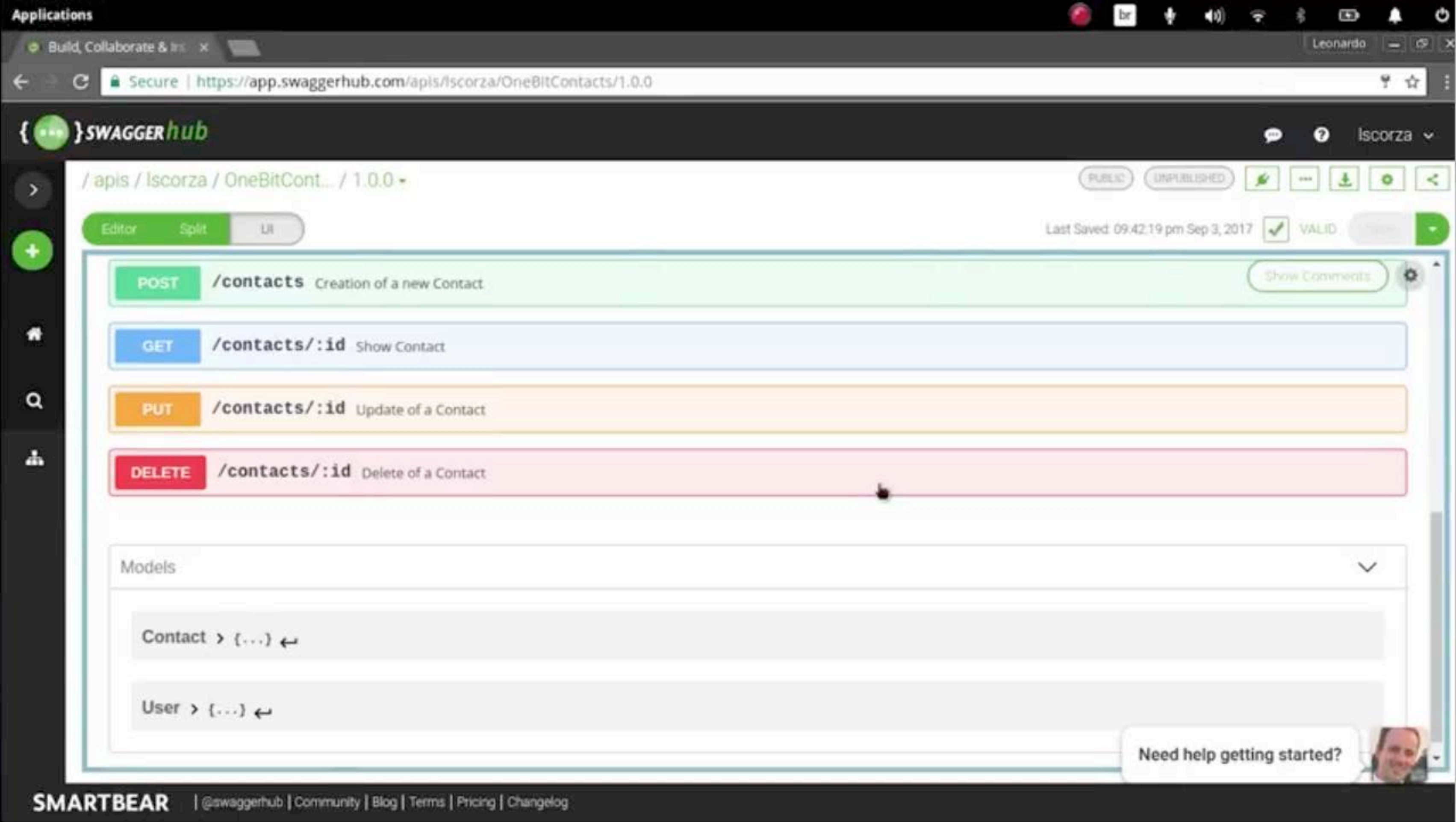
403

Forbidden

Need help getting started?

SMARTBEAR

[@swaggerhub](#) | [Community](#) | [Blog](#) | [Terms](#) | [Pricing](#) | [Changelog](#)



POST

/contacts Creation of a new Contact

Show Comments

GET

/contacts/:id Show Contact

PUT

/contacts/:id Update of a Contact

DELETE

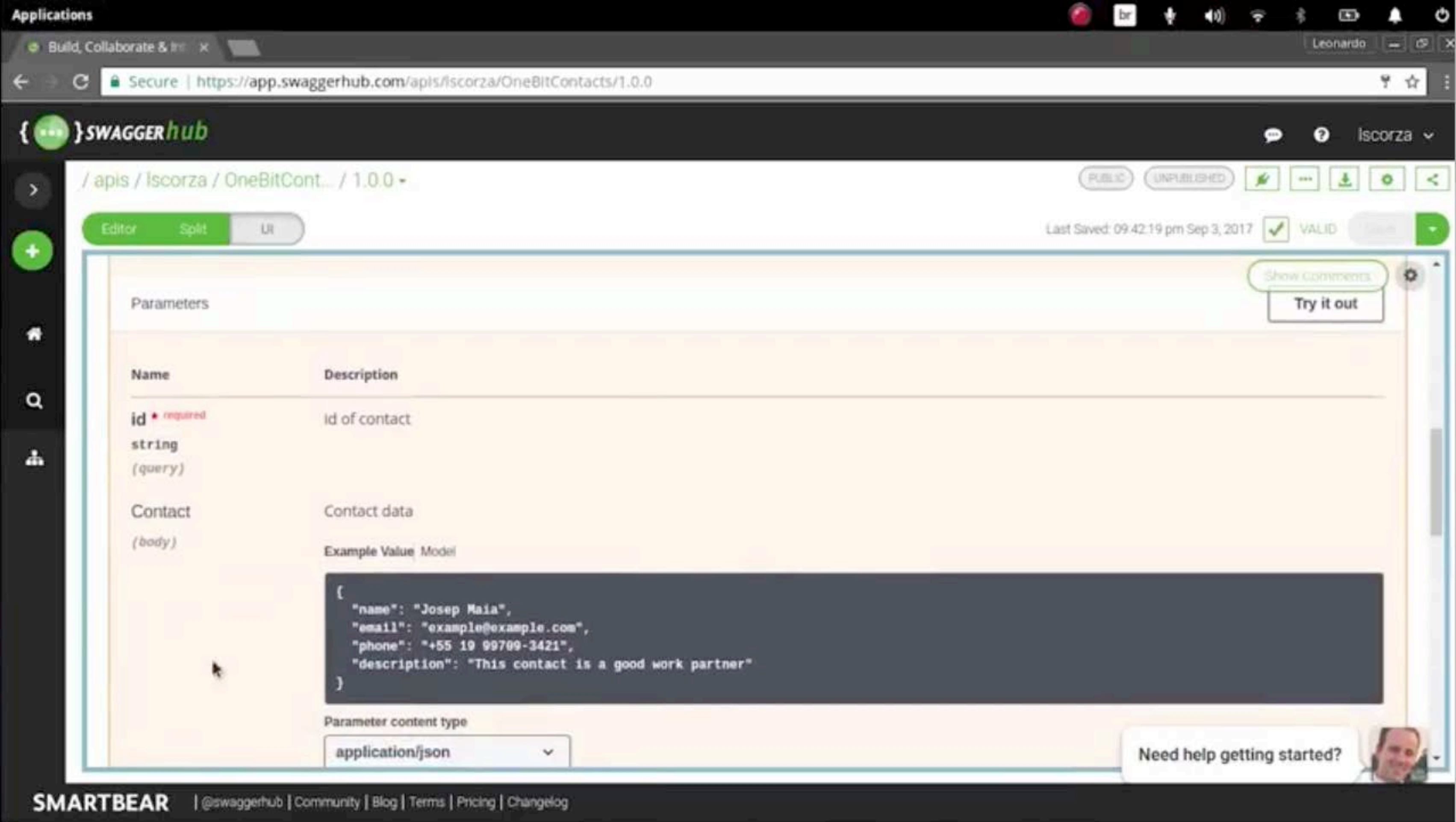
/contacts/:id Delete of a Contact

Models

Contact > {...} ←

User > {...} ←

Need help getting started?



Parameters

Name

Description

id * required

Id of contact

string

(query)

Contact

Contact data

(body)

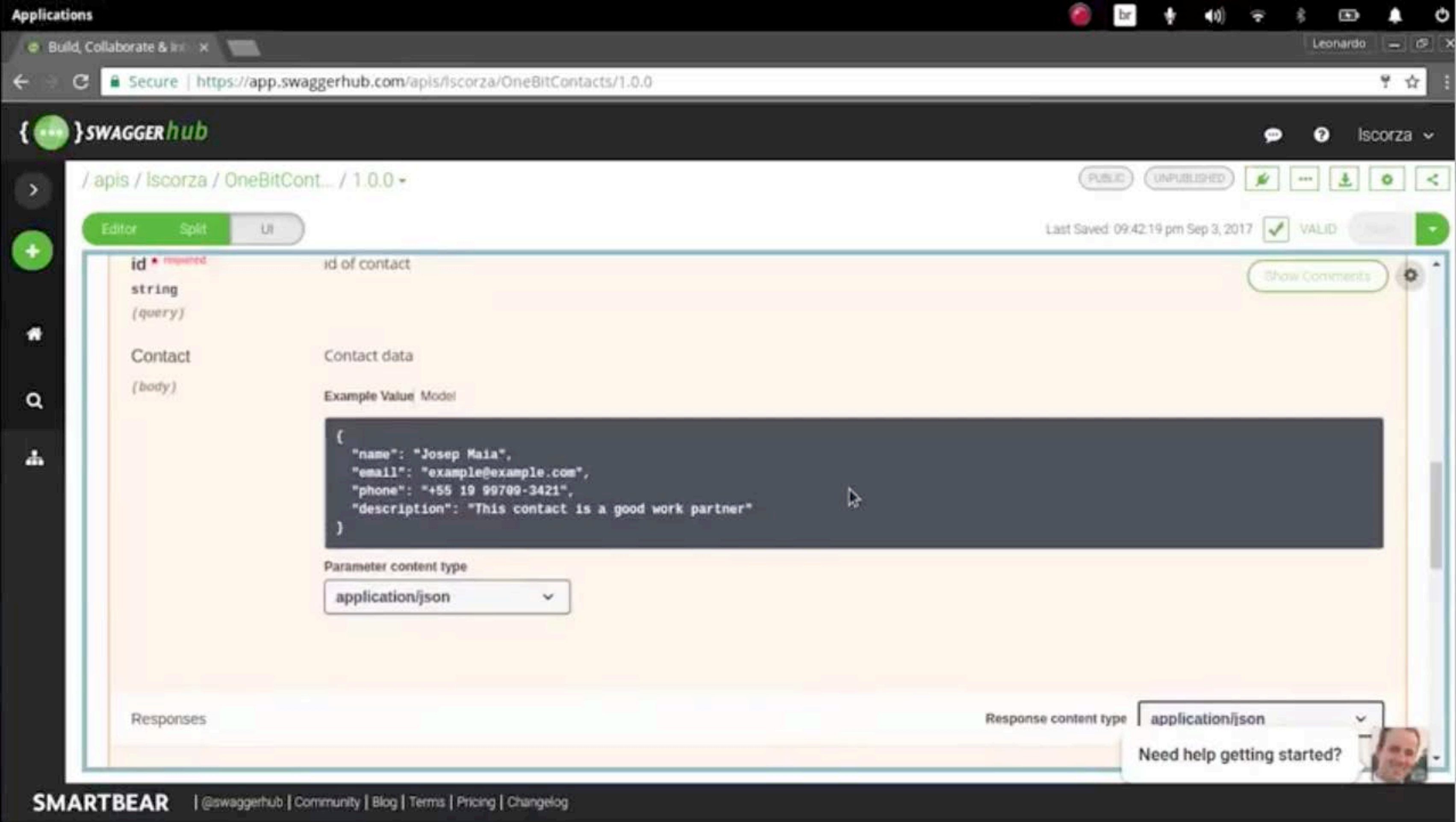
Example Value Model

```
{
  "name": "Josep Maia",
  "email": "example@example.com",
  "phone": "+55 19 99789-3421",
  "description": "This contact is a good work partner"
}
```

Parameter content type

application/json

Need help getting started?

id required

id of contact

string

(query)

Contact

Contact data

(body)

Example Value Model

```
{
  "name": "Josep Maia",
  "email": "example@example.com",
  "phone": "+55 19 99709-3421",
  "description": "This contact is a good work partner"
}
```

Parameter content type

application/json

Responses

Response content type

application/json

Need help getting started?

Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...} SWAGGERhub

Leonardo

Iscorza

/ apis / lscorza / OneBitCont... / 1.0.0

PUBLIC

UNPUBLISHED

+

...

↓

⬆

⬇

⬇

⬇

Editor

Split

UI

Last Saved: 09:42:19 pm Sep 3, 2017

VALID

Show Comments

Schemes

HTTPS

users Operations available to regular users

GET

/contacts

list all contacts

POST

/contacts

Creation of a new Contact

GET

/contacts/:id

Show Contact

PUT

/contacts/:id

Update of a Contact

DELETE

/contacts/:id

Delete of a Contact

Need help getting started?

SMARTBEAR

@swaggerhub | Community | Blog | Terms | Pricing | Changelog

Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...}SWAGGERhub

Leonardo

Iscorza

/apis / lscorza / OneBitCont... / 1.0.0

Editor

Split

UI

Last Saved: 09:42:19 pm Sep 3, 2017

VALID

items:

\$ref: '#/definitions/Contact'

401:

description: Unauthorized

403:

description: Forbidden

post:

tags:

- users

summary: Creation of a new Contact

description: |

Creation of a new Contact in Agenda

consumes:

- application/json

produces:

- application/json

parameters:

- in: body

name: Contact

description: Contact data

schema:

\$ref: '#/definitions/Contact'

responses:

200:

description: Item created

schema:

items:

\$ref: '#/definitions/Contact'

401:

description: Unauthorized

Schemes

HTTPS

users

Operations available to regular users

GET

/contacts

list all contacts

POST

/contacts

Creation of a new Contact

GET

/contacts/:id

Show Contact

PUT

/contacts/:id

Update of a Contact

DELETE

/contacts/:id

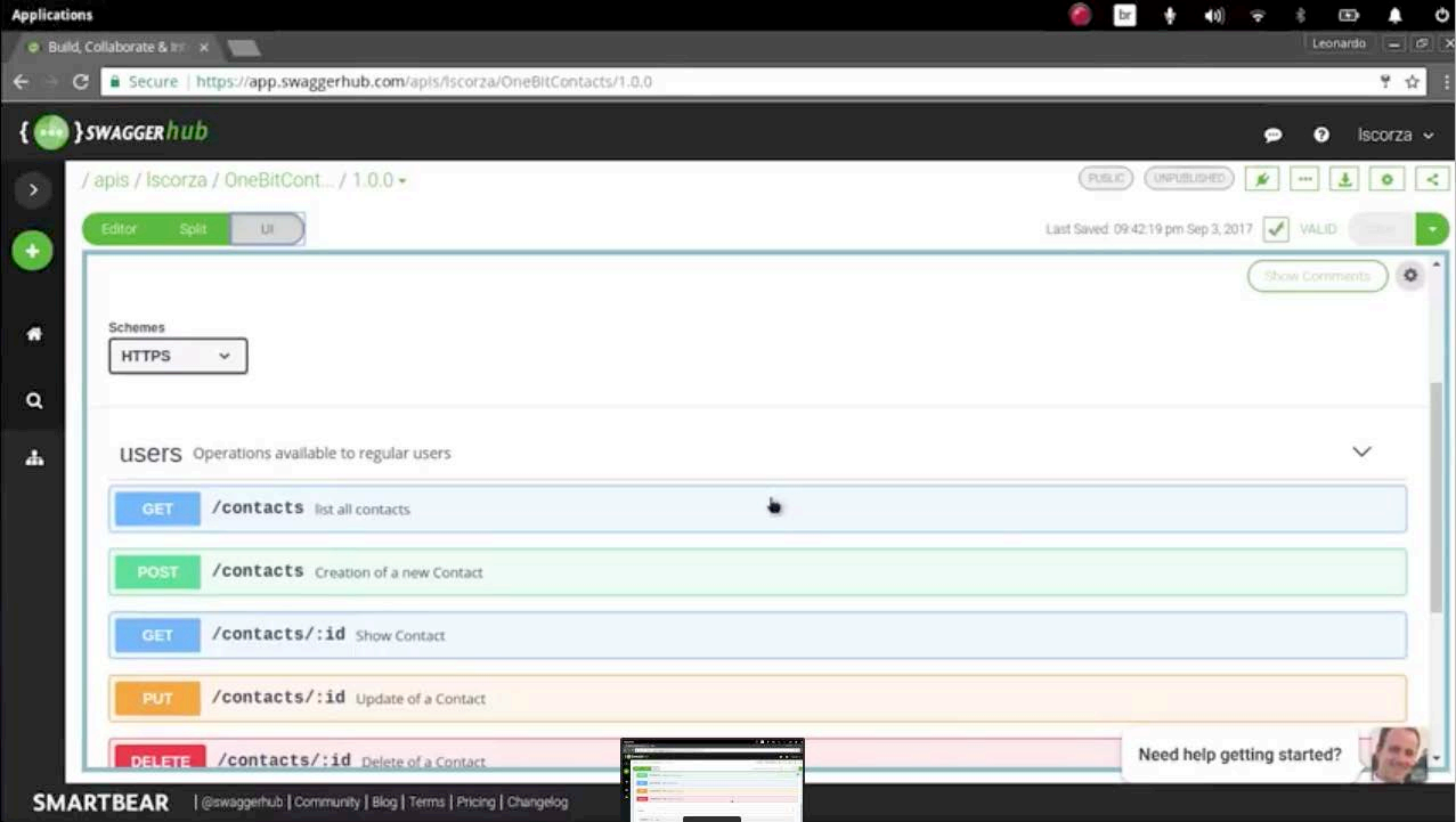
Delete of a Contact

Show Comments

Need help getting started?

SMARTBEAR

@swaggerhub | Community | Blog | Terms | Pricing | Changelog



Applications

Build, Collaborate & Integrate

Secure | https://app.swaggerhub.com/apis/lscorza/OneBitContacts/1.0.0

{...}SWAGGERhub

Leonardo

Iscorza

/ apis / lscorza / OneBitCont... / 1.0.0

PUBLIC

UNPUBLISHED

Editor

Split

UI

Last Saved: 09:42:19 pm Sep 3, 2017

VALID

Show Comments

Schemes

HTTPS

users Operations available to regular users

GET

/contacts

list all contacts

POST

/contacts

Creation of a new Contact

GET

/contacts/:id

Show Contact

PUT

/contacts/:id

Update of a Contact

DELETE

/contacts/:id

Delete of a Contact

Need help getting started?

SMARTBEAR

@swaggerhub | Community | Blog | Terms | Pricing | Changelog

INSCRIÇÕES ABERTAS

<http://super.onebitcode.com/bootcamp>

BOOTCAMP
ONE BIT CODE

SUPER FULL STACK

