

About sample test application

Contacts Application is a sample CRUD application. The application allows you to browse through a list of contacts, as well as add, update, and delete contacts.

In this cookbook, we will demonstrate, how you can validate this sample test application using vREST.

Useful links:

1. [Download the source code from Github.](#)
2. REST API specifications: Swagger File (TODO)
3. [Setup / install contacts application.](#)

REST Endpoints:

The application has the following REST API endpoints:

Method	API Endpoint	Action
GET	/contacts	Retrieve all contacts
GET	/contacts/{id}	Retrieve the contact with the specified id
POST	/contacts	Add a new contact
PUT	/contacts/{id}	Update the contact with the specified id
DELETE	/contacts/{id}	Delete the contact with the specified id

Versions:

The application has two versions.

- **Version 1.0.0:** In this version, the contact model has the following schema with some validations.

```
{
  name: {type: String, required: true, maxLength: 35},
  email: {type: String},
  designation: {type: String, maxLength: 35},
  organization: {type: String, maxLength: 35},
  country: {type: String, maxLength: 35},
  aboutMe: {type: String},
  linkedInId: {type: String},
  githubId: {type: String},
  facebookId: {type: String},
  twitterId: {type: String}
}
```

The version 1.0.0 of the Contacts Application can be accessed at the following URL:

<http://example.vrest.io/contacts/v1/test>

- **Version 2.0.0:** In this version, we added the following functional additions in the contact model of the application:
 - added a email validator for email field
 - aboutMe field can now be maximum 500 characters long only

```
{
  name: {type: String, required: true, maxLength: 35},
  email: {type: String, validator: emailValidator},
  designation: {type: String, maxLength: 35},
  organization: {type: String, maxLength: 35},
  country: {type: String, maxLength: 35},
  aboutMe: {type: String, maxLength: 500},
  linkedInId: {type: String},
  githubId: {type: String},
  facebookId: {type: String},
  twitterId: {type: String}
}
```

The version 2.0.0 of the Contacts Application can be accessed at the following URL:
<http://example.vrest.io/contacts/v2/test>