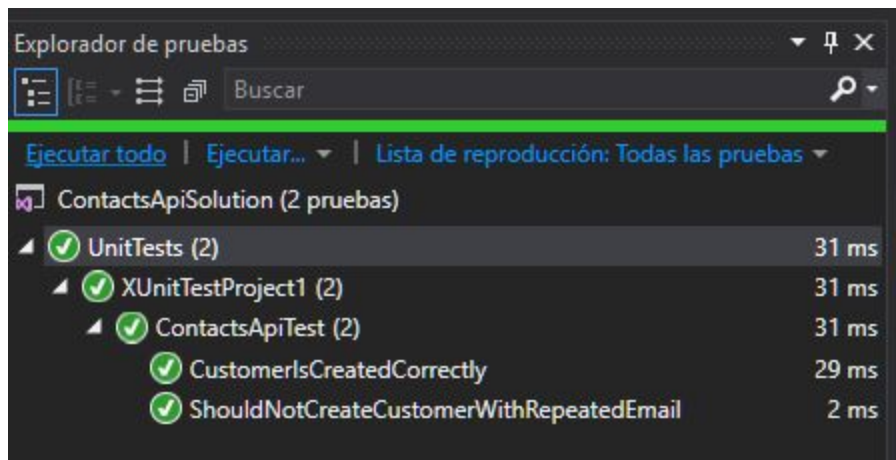# Contacts Api Documentation.

- Local deploy:

  1. Build ContactsApiSolution.sln in Visual Studio 2017.
  2. Run pfromerRestApi web project.

- Azure Deploy:

  1. Right Click on pfromerRestApi project and in context menu click on Publish.
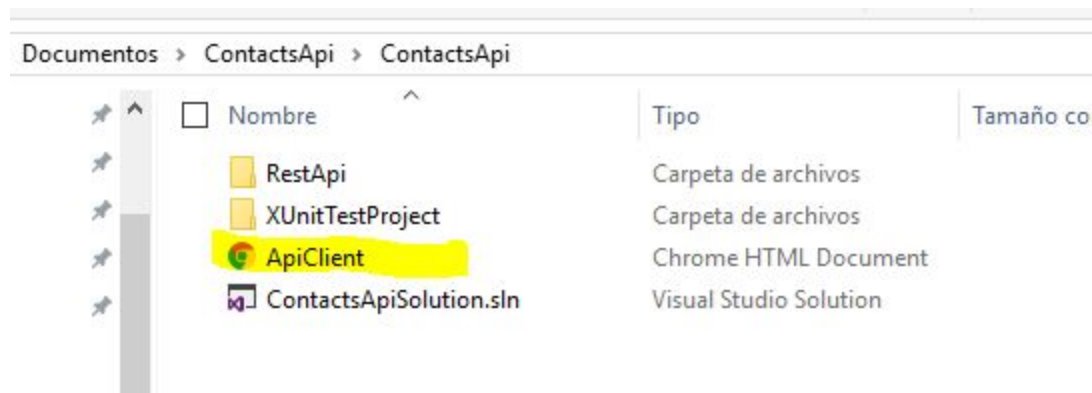
UnitTesting:

Please run all tests from Test Explorer.

Manual test - Apli client.

NOTE: The api has already been deployed to https://pfromerapi.azurewebsites.net/.

This instance is up and running and can be tested with the ApiClient.html file.

In order to test a different instance of the api, please edit the ApiClient.Html file in the following way:

Edit line 9 and set baseUrl variable accordingly:

Also, in line 171, please modify the base url for the action attribute in the form. Make sure to only replace the base part (https://pfromerapi.azurewebsites.net/) by the correct one.

Otherwise, the instance deployed at https://pfromerapi.azurewebsites.net can be tested and in that case there is no need to modify the ApiClient.html file.

Please open ApiClient.html with Google Chrome.

From developer tools, once the html file was loaded, the api can be tested by invoking the following functions:

function createContact(name, companyId, email, birthdate, personalPhoneNumber, workPhoneNumber, addressLine1, city, state, zipCode, countryId)
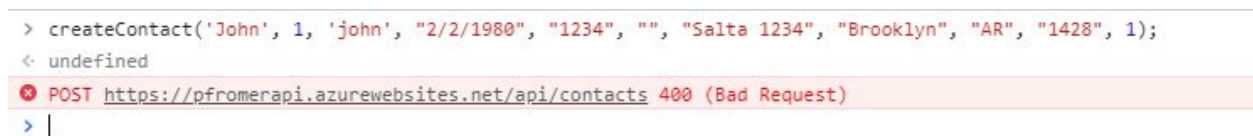
```
        Elements    Console    Sources    Performance    Network    Memory    Application    Security    Audits
  ▶ ◯  | top                ▼ | ◉ | Filter                              Default levels ▼
> createContact('John', 1, 'john@gmail.com', "2/2/1980", "1234", "", "Salta 1234", "Brooklyn", "AR", "1428", 1);
< undefined
  Data received:
  ▶ {id: 2, name: "John", company: {…}, email: "john@gmail.com", birthdate: "1980-02-02T00:00:00", …}
> |
```

Example use:
createContact('John', 1, 'john@gmail.com', "2/2/1980", "1234", "", "Salta 1234", "Brooklyn", "AR", "1428", 1);

UPDATE CONTACT:

Example use:
updateContact(1,'pablo', 1, 'pablo@gmail.com', "2/2/1980", "4790", "", "Salta 1234", "Brookdsadlyn", "AR", "1428", 1);

NOTE: Both for create and update the email needs to be in a valid email format. Otherwise the server will throw "400 (Bad Request)"

```
> createContact('John', 1, 'john', "2/2/1980", "1234", "", "Salta 1234", "Brooklyn", "AR", "1428", 1);
< undefined
⊗ POST https://pfromerapi.azurewebsites.net/api/contacts 400 (Bad Request)
> |
```

In a similar fashion, all functions defined in the file can be tested from developer tools.

function deleteContact(contactId)
function getContactById(contactId)
function getAllContactsByStateAndCity(state, city)
function searchContactByEmailAndPersonalPhoneNumber(email, phoneNumber)
function loadProfilePicture(contactId)

For the functions *getAllContactsByStateAndCity* and *searchContactByEmailAndPersonalPhoneNumber* it is allowed to pass an empty string to one of the parameters. In that case the api will only search by the non-empty parameter.

Please use the html form to upload an image for a given contact id:

Contact Id

Enter contact id

Select Image

Seleccionar archivo Ningún archivo seleccionado

Submit

Once the picture was uploaded, the loadProfilePicture functiion can be used to render the picture on the screen.

Please contact me at pablofromer@gmail.com for any question you may have.

Thanks,

Pablo Fromer.