

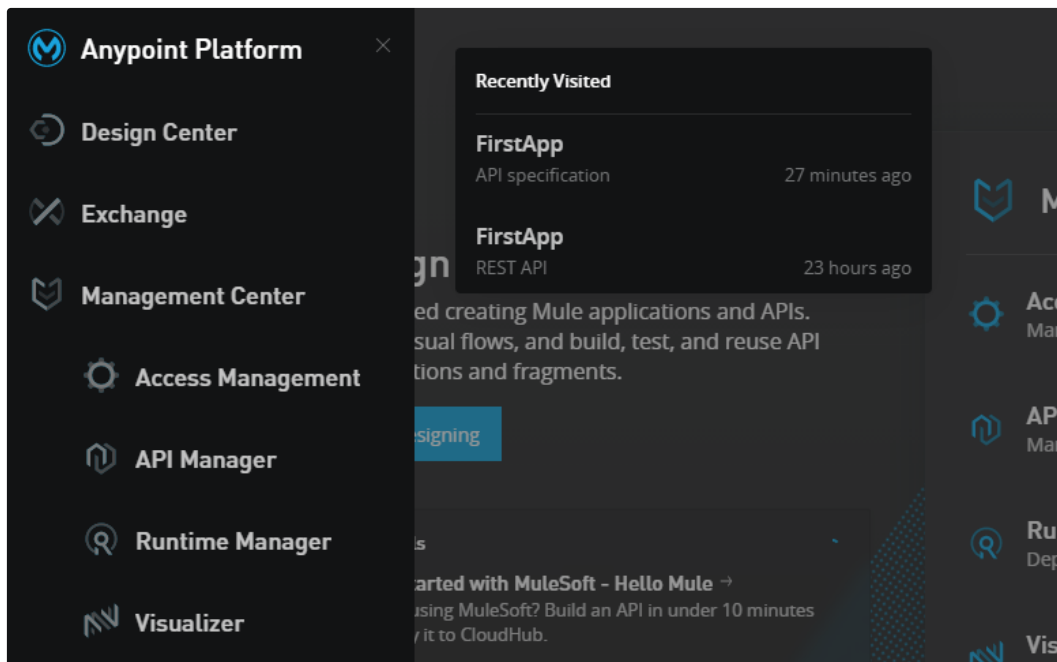
Design an API with API Designer

What is an API specification?

The API specification describes your API including the endpoints of the API, the input, output for each endpoint. It also describes the data type using for the API.

Design an API

On the left sidebar, select Design Center



Click button Create New

ter

Filter

+ Create new

Project Type	Last Update	Created By
API specification	March 4th, 2021	sonle4

Select New API Spec

Filter

+ Create new

Project Type	Last Update
API specification	March 4th, 2021

New Project from scratch

New API Spec

Define how the API will behave and how it communicates with other systems & APIs

New Fragment

Compose snippets that can easily be reused across multiple APIs

New Mule App

Design a Mule integration flow

New Project from existing source

Import from File

Create an API spec, fragment, or Mule app from a file on your computer

Input the API Title and select Guide me through it, then click Create API Spec button

Project name

Project Type

specification

New API Spec

API Title

SecondApp

How do you want to draft the API Spec?

☐ **I'm comfortable designing it on my own**
A complete code editing experience with interactive documentation
Specification Language

RAML 1.0

☒ **Guide me through it**
Use a visual interface scaffolding the API Specification (can generate both RAML & OAS)

Cancel

Create API Spec

Input the Title

SecondApp

API Summary

Title

New API

Version

Protocols

Select...

Media type

Select...

Base URI

Base URI Parameters (0) >

Description

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Markdown

Visual

Secured By

Select...

Edit RAML

Download

```

##RAML 1.0
title: New API

```

On the left sidebar, click the plus button beside the Data Types section, input the Name, we will use this Data Type as response type of the API. Click Add Property button to add the attribute for the Data Type, add id, name, email and company attributes for this Data Type, all of them have Type is string.

API Summary

SECURITY SCHEMES

+

RESOURCES

+

DATA TYPES

+

Contact

+ Create group

Create groups to semantically group resources and data types in your API specification.

Data types

Name

Contact

Type

Object

☐ Union?

Description

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Markdown

Visual

Property Name

Type

id

☒ Required?

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☐ Union?

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Property Name

Type

name

☒ Required?

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▼

☐ Union?

▼

Property Name

Type

On the left sidebar, click the plus button beside the Resources section

Undo

Redo

Saved a few seconds ago

SecondApp

API Summary

Add a new Security Scheme, Resource or Data type by clicking on the + buttons or import an existing asset from Exchange.

Import from Exchange

SECURITY SCHEMES

+

RESOURCES

+

DATA TYPES

+

+ Create group

Create groups to semantically group resources and data types

New API

Protocols

Select...

▼

Media type

Select...

Base URI

Base URI Parameter

Description

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Markdown

Secured By

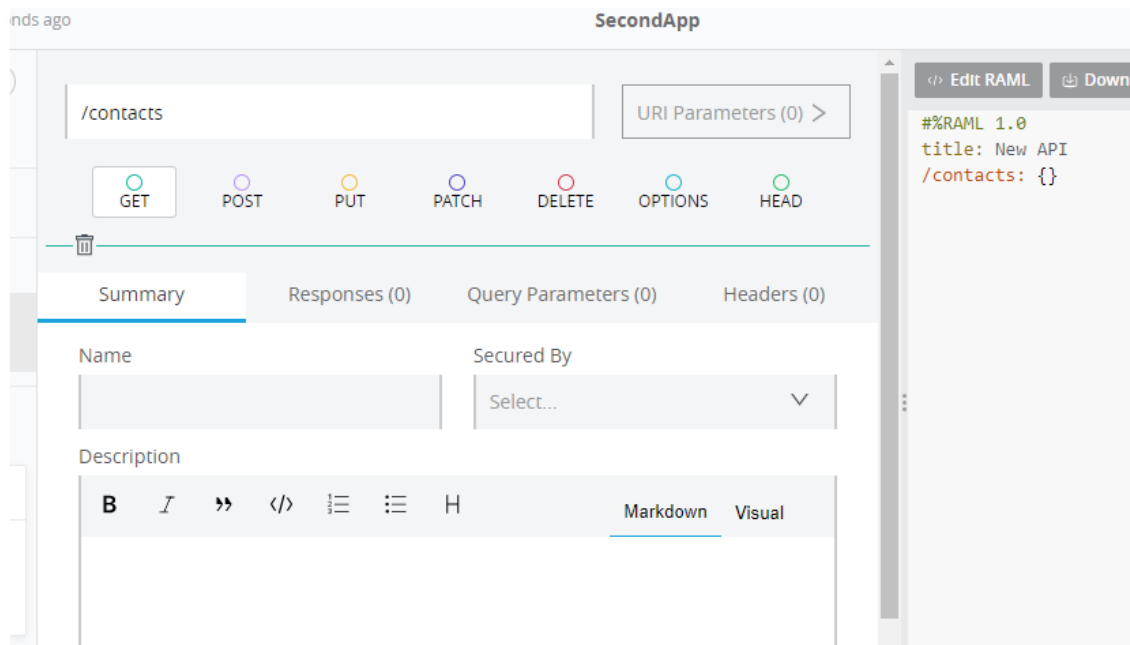
Select...

▼

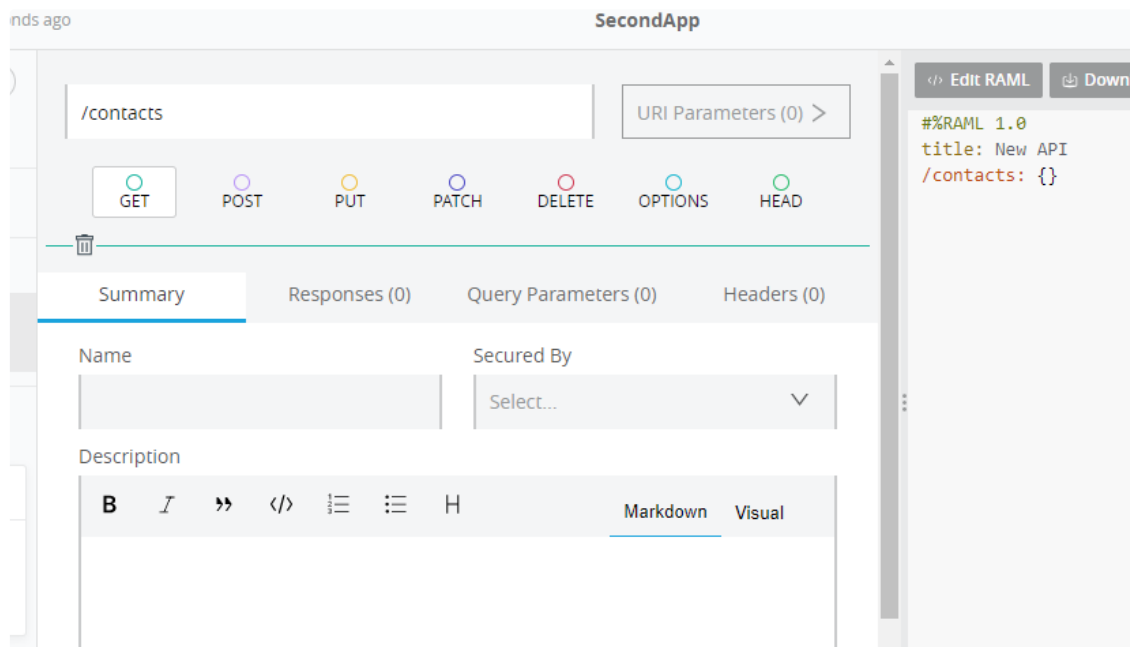
Documentation (0)

Add Documentation

Input the endpoint and select the GET method

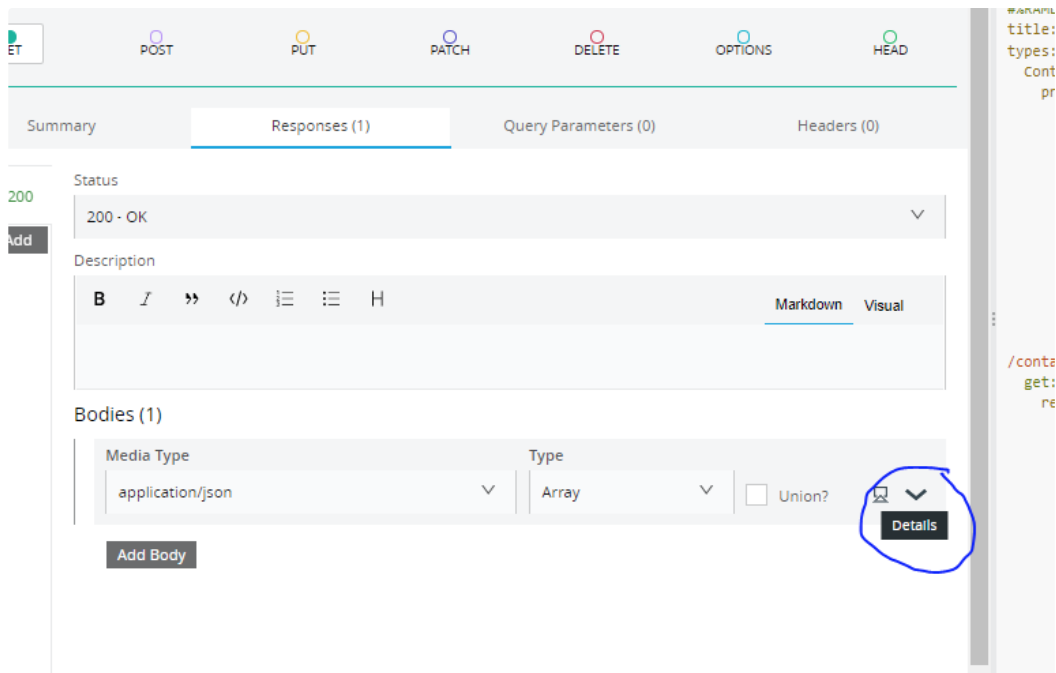


Click on Responses tab, then click Add new response button

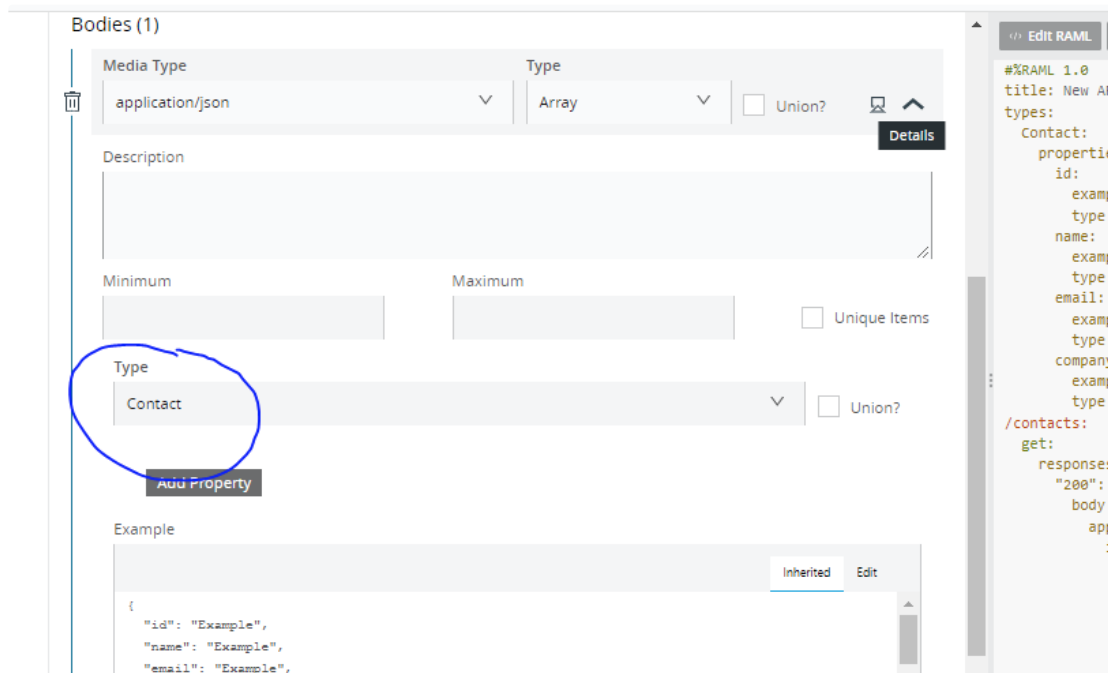


We will define the output for the endpoint, below is definition for 200 status, click on Add body button, select **application/json** for the Media Type and **Array** for the Type.

Click Down arrow to expand the Details section

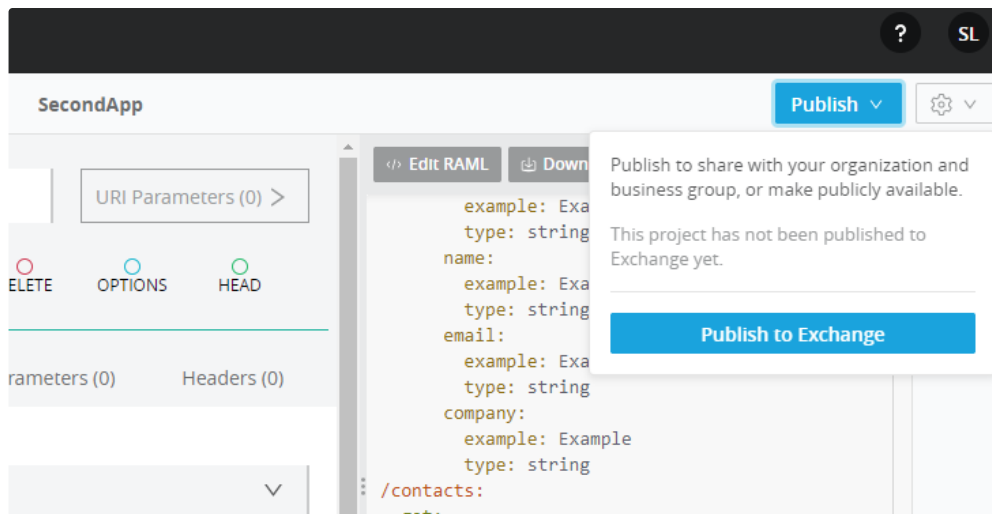


In the Type, select the **Contact**

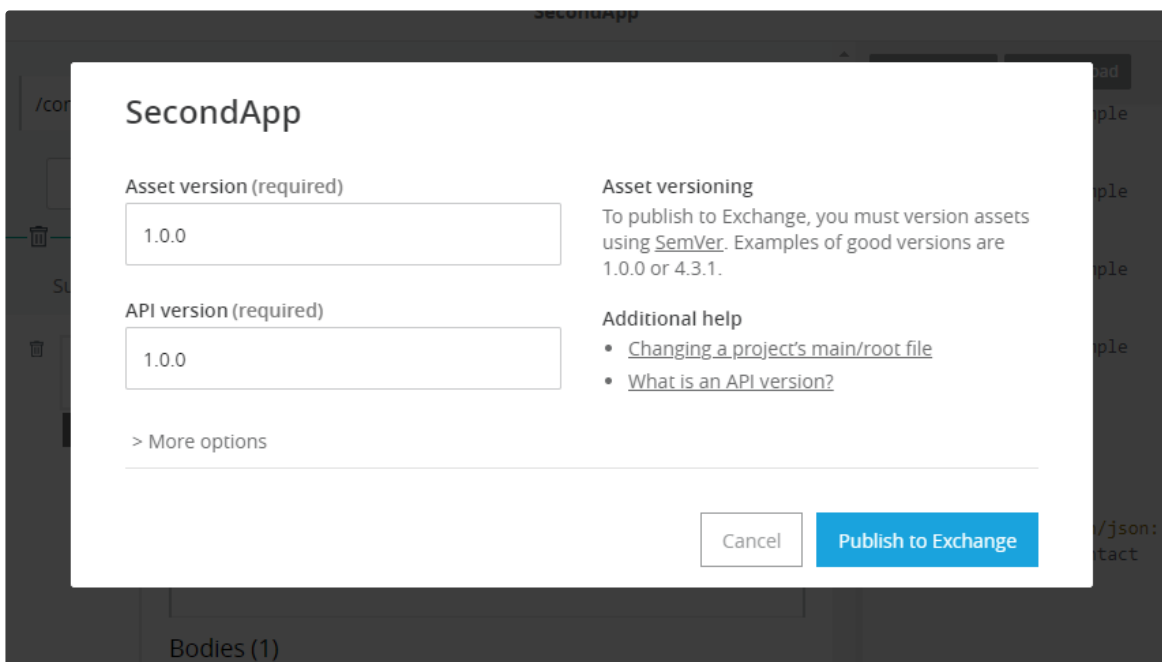


Publish the API

On the right corner, click dropdown button Publish, then click Publish to Exchange



Input Asset and API version, then click Publish to Exchange



Click on the Exchange link to view the detail of the API on the Exchange

