Article

[Daniel Aguilar](#) · Feb 5, 2023 2m read

[Open Exchange](#)

COS Url Shortener

Hi Community!

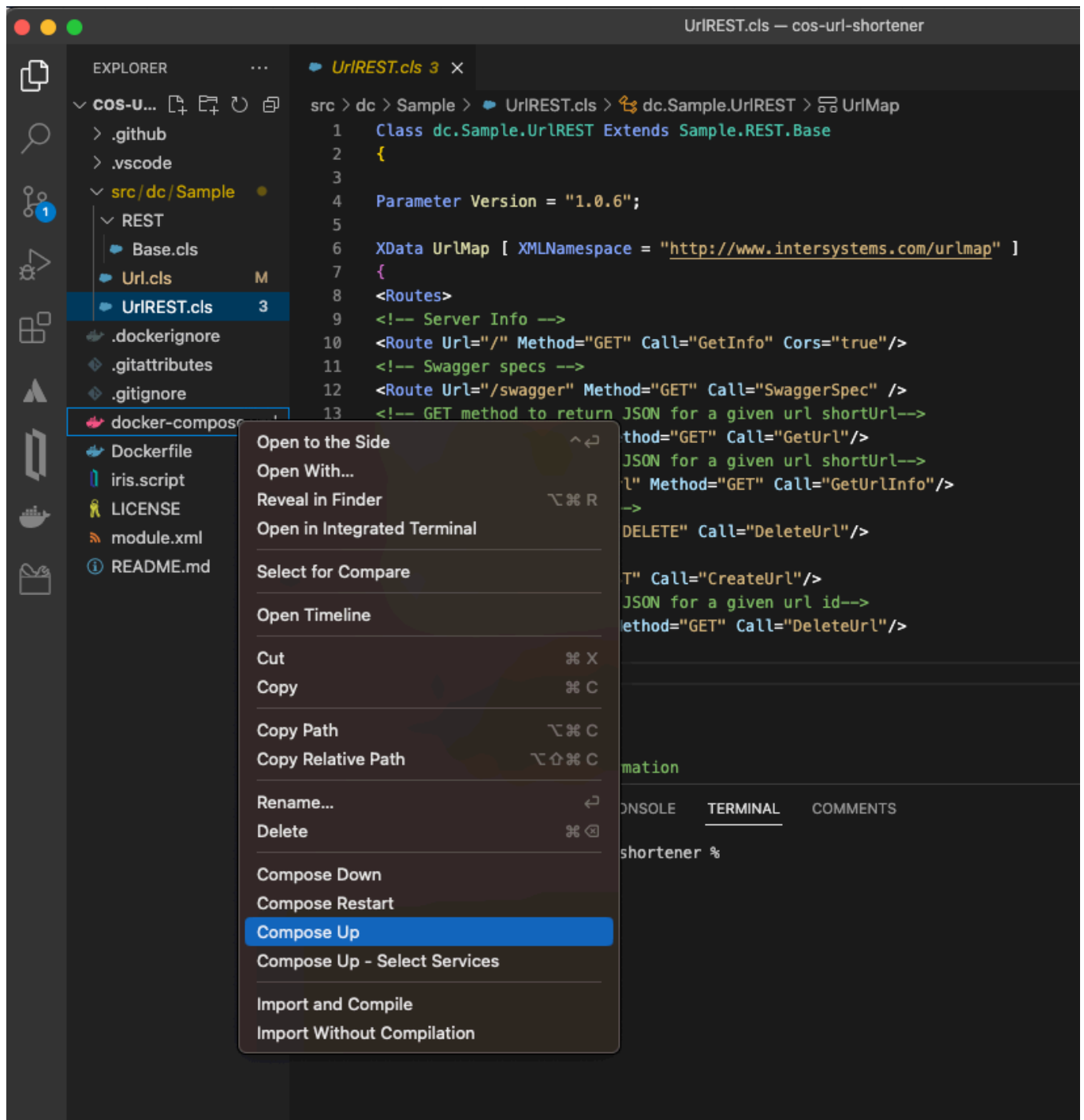I want to share with you mi first Open Exchange application.

It's a tool to made our developments easier. It's a micro service in a IRIS docker that help us in our new features giving us a way to add short links in our SMS, Email campaigns and for links of the different stores for our apps.

It's very easy to use it.

Simply clone this repo:

https://github.com/daniel-aguilar-garcia/cos-url-shortener.git

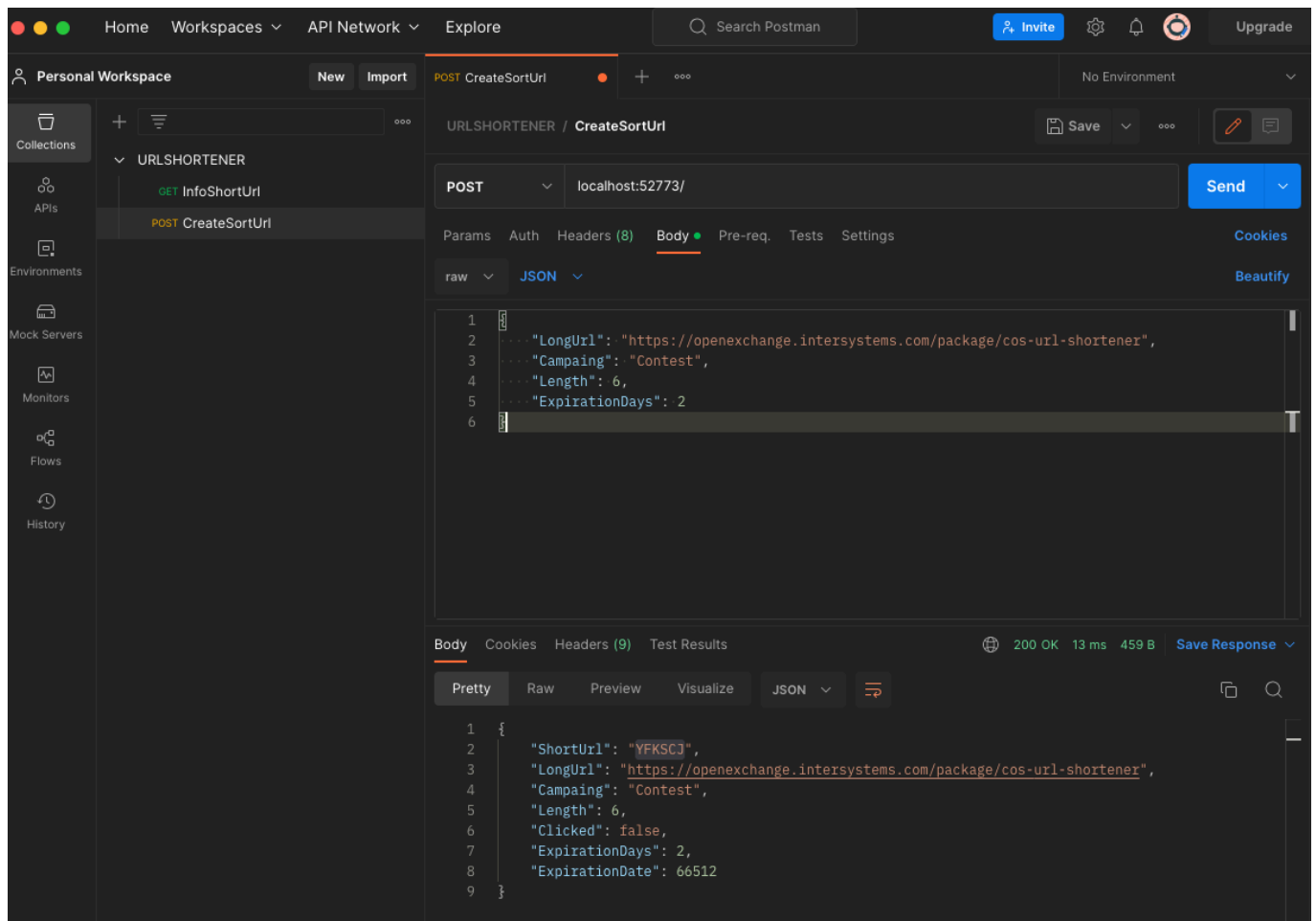Open the folder in VSCode and start the docker.

After that you can create short link version of any link via api request. For example with Postman:

Body: Long url that you want make short

Campaign: Your campaign name

Length: Length of the postfix for the short url

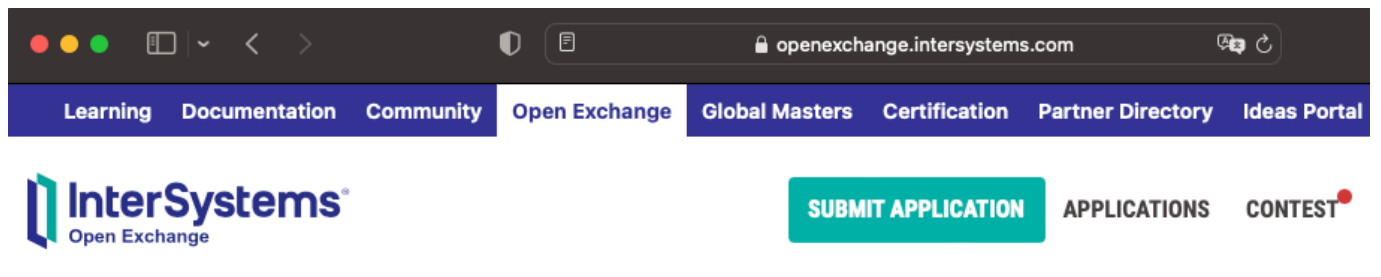*ExpirationDays: How many days the link will be stored before be deleted.*

The request returns all the values associated to the link entity you have to copy ShortUrl.

After get the short url you can use it simply adding it to the base url (in my case localhost)

And the user will be automatically redirected to the long url:

InterSystems®
Open Exchange

Learning   Documentation   Community   Open Exchange   Global Masters   Certification   Partner Directory   Ideas Portal

SUBMIT APPLICATION   APPLICATIONS   CONTEST

You can modify your own application

cos-url-shortener

⬇ Downloads 1   🔔 Subscri

by **D** **Daniel Aguilar**

★★★★★ (0)

⚠ This application is not supported by InterSystems Corporation. Please be notified that you use it at your own responsibility.

DETAILS   RELEASES   REVIEWS   SCREENSHOTS   ANALYTICS   ISSUES   VIDEOS   ARTICLES   REPORTS

What's new in this version
Initial Release

Git|

To request the data for a particular record provide the id in GET request like 'localhost:52773/info/id' . E.g.:

```
localhost:52773/info/RPLMMG
```

This will return JSON data for the url associated to the short link RPLMMG, something like that:

```
{"ShortUrl":"RPLMMG","LongUrl":"https://www.google.es","Campaing":"TEST","Length":6,"
Clicked":false,"ExpirationDays":7,"ExpirationDate":66517}
```

If you want to delete request this REST API expects only the id of the record to delete. E.g. if the id=5 the following DELETE call will delete the record:

```
localhost:52773/delete/5
```

If you want enable the task cleaner for the expired links you only have to create a task in the portal and call this class method:

```
##class(dc.Sample.Url).DeleteExpiredUrl()
```

I hope you enjoy with this project and thanks for reading!

You can find this app in the Open Exchange [here](#).

[#Contest](#) [#REST API](#) [#Tools](#) [#InterSystems IRIS](#) [#InterSystems IRIS for Health](#) [#Open Exchange](#)
[Check the related application on InterSystems Open Exchange](#)

Source URL:https://community.intersystems.com/post/cos-url-shortener