TOC

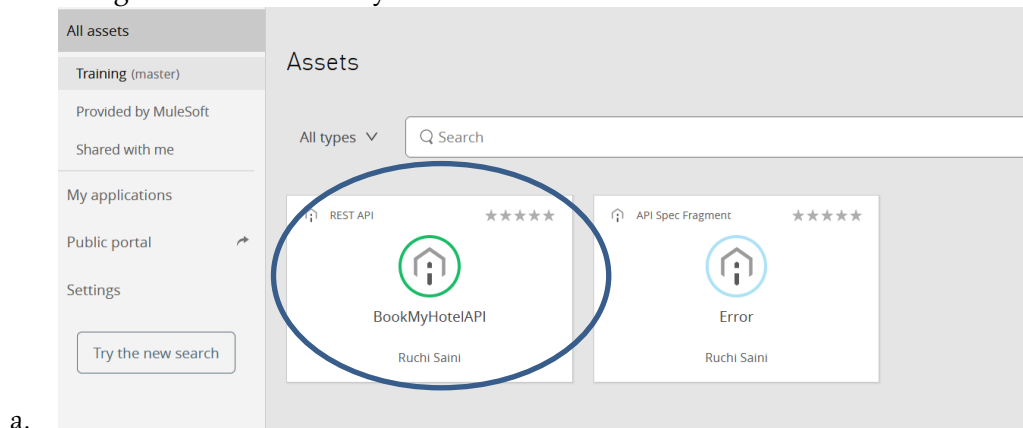# LAB : Version API

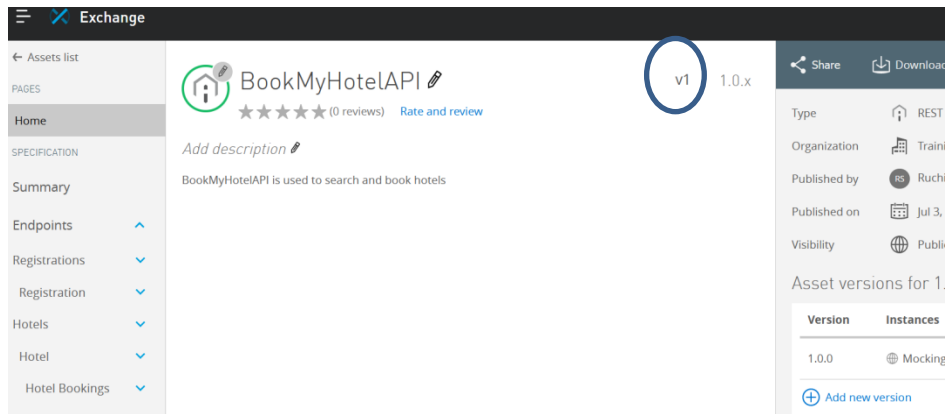In this lab you will -

a) Version API

Step 1 – Create new version of API

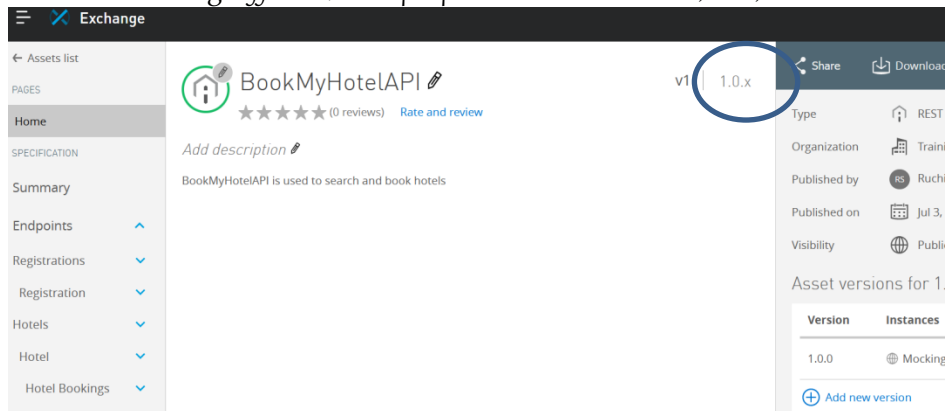1. Go to Exchange and click on BookMyHotelAPI

a.

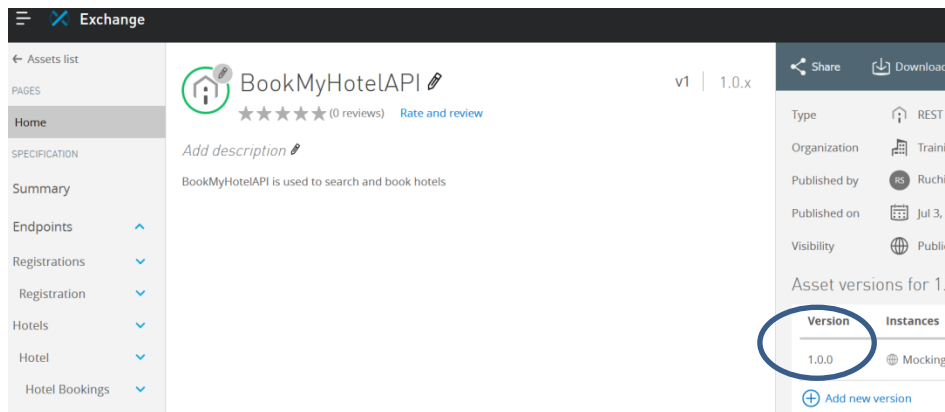2. In the asset detail page , notice version v1 –

a.

b. As of now API version v1 is published

3. Notice 1.0.x near version v1. For 1.0.x , x refers to patch version and tells that this page can have many asset versions having different/multiple patch version like 1.0.0, 1.0.1,1.0.2 etc
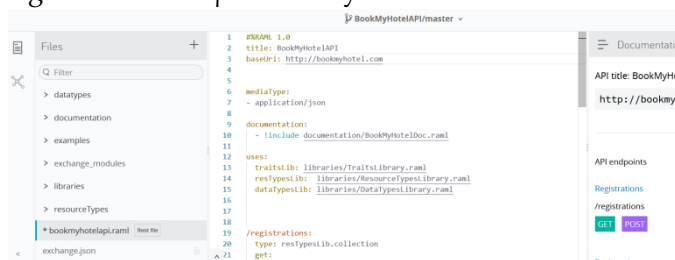
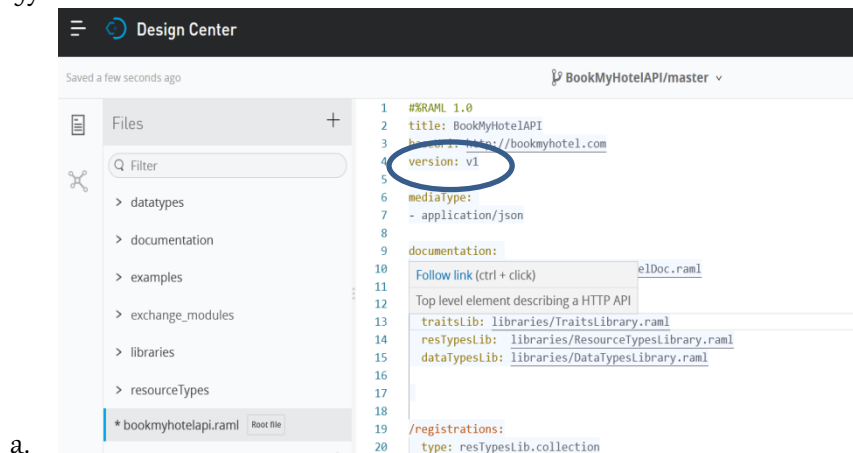

a.

4. Notice the asset version in the window below –
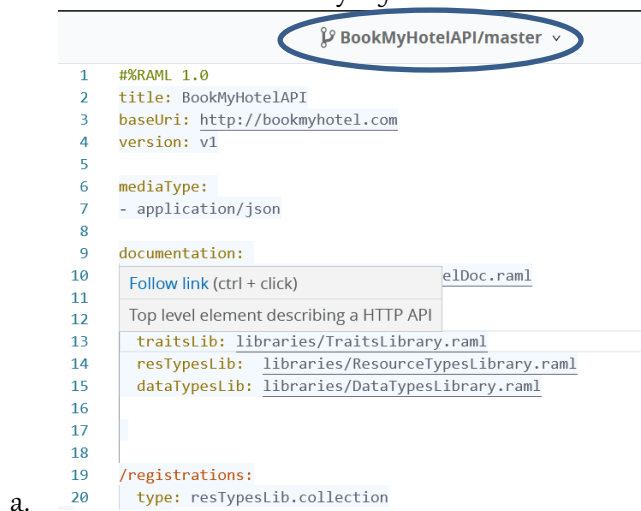

a.

5. Go to Design Center and open BookMyHotelAPI–
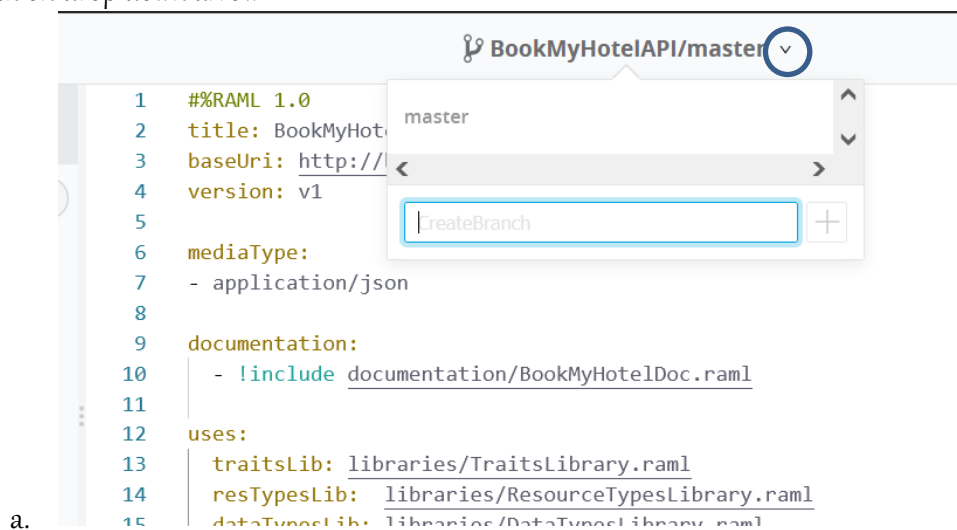

a.

6. Specify version as v1 in root raml–
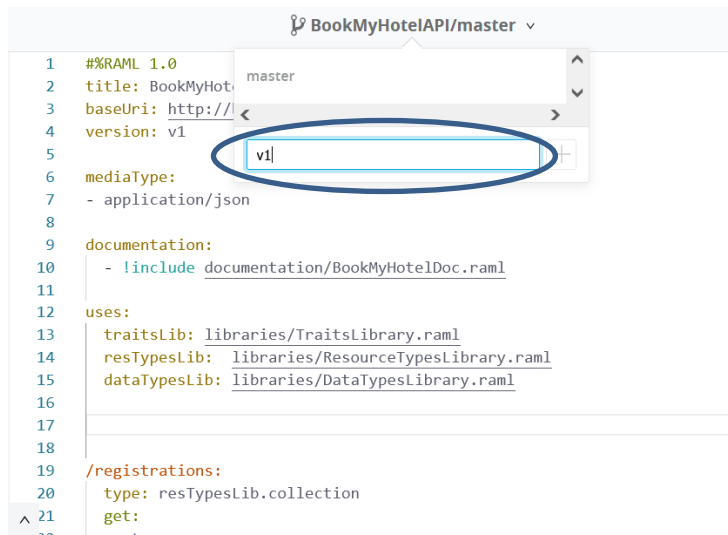
   a.

7. Notice we are in master branch by default –

   a.

8. Lets create v1 branch.
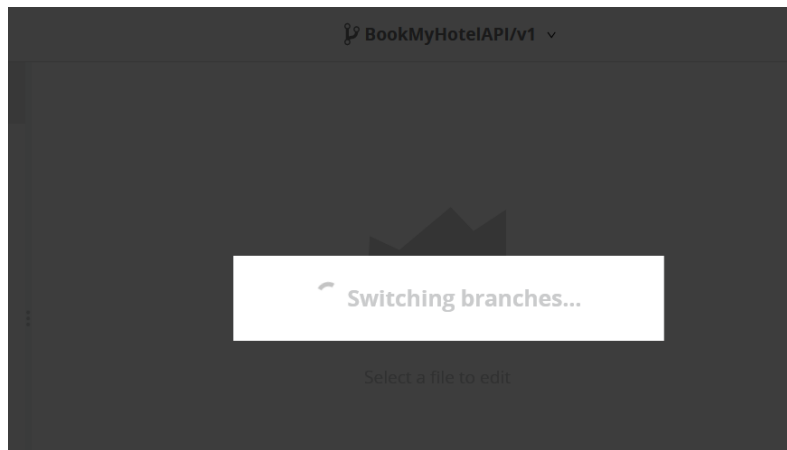
9. Click on drop down arrow –

   a.

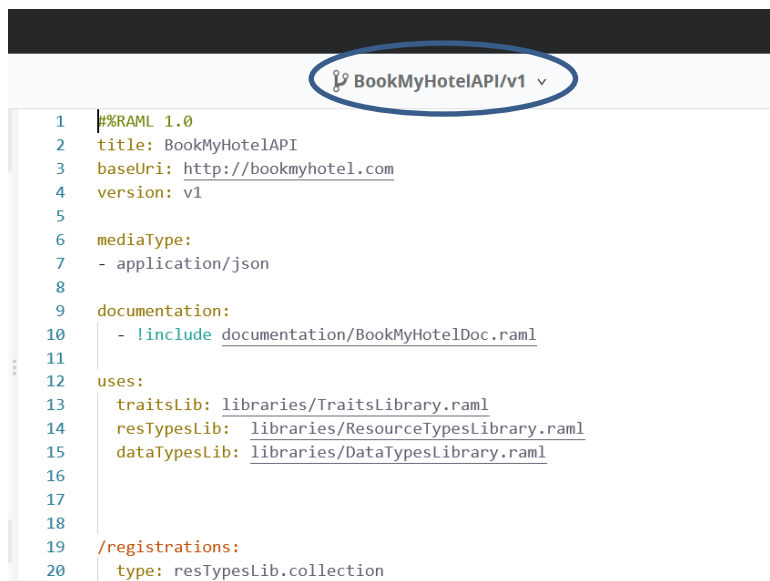   b. Specify the branch name as v1 and then press enter –

c.

10. Now the branch will be switched.

a.

11. We will be taken from master branch to v1 branch. Complete code is copied from master branch to v1 branch. Notice we are in v1 branch now –
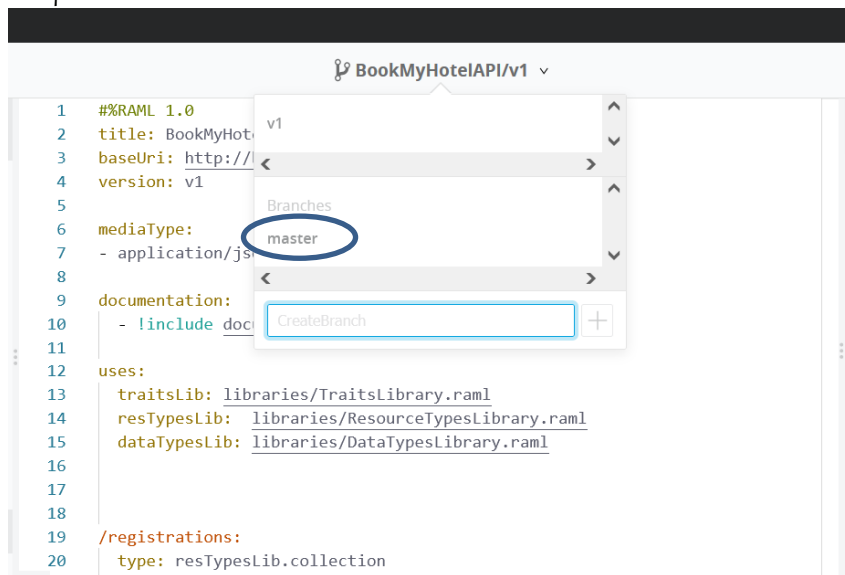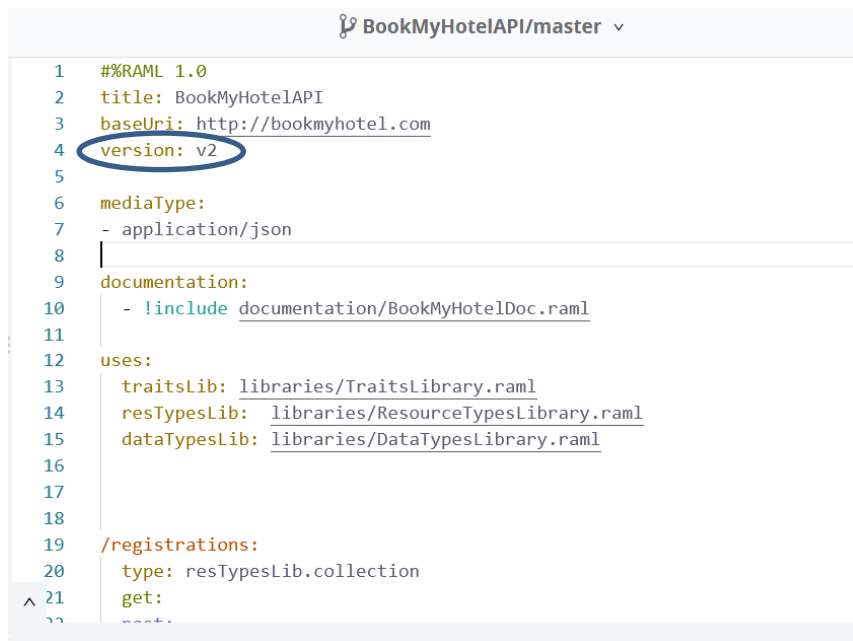

a.

12. Lets go back to master branch.

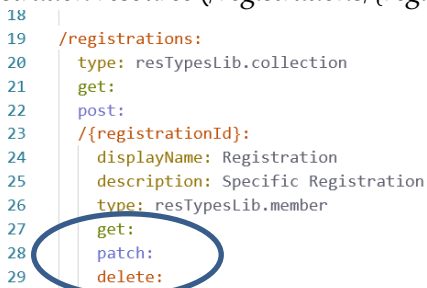13. Click on drop down and select **master** –

a.

14. Branch will be switched again. We will be in master branch.

15. Change the version to v2 now in master branch –

a.

16. For registration resource (/registrations/{registrationId} , we have get , patch and delete methods
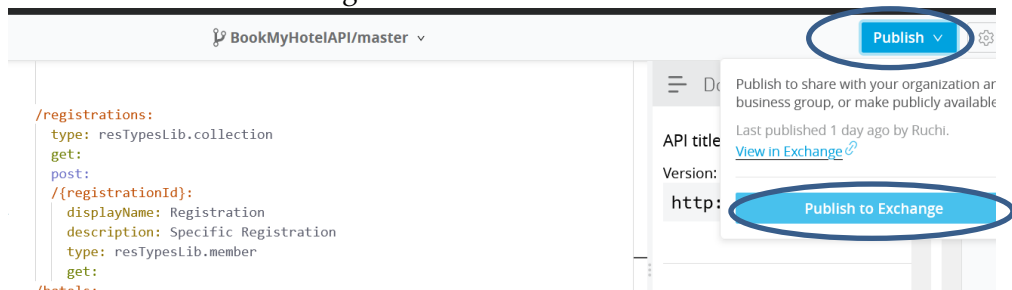
a.

17. For registration resource (/registrations/{registrationId} , remove **patch** and **delete** methods . So

    we have only get method for this resource now—

    a.
    ```
    /registrations:
      type: resTypesLib.collection
      get:
      post:
      /{registrationId}:
        displayName: Registration
        description: Specific Registration
        type: resTypesLib.member
        get:
    /hotels:
      type: resTypesLib.collection
      get:
        queryParameters:
          city:
            required: false
    ```
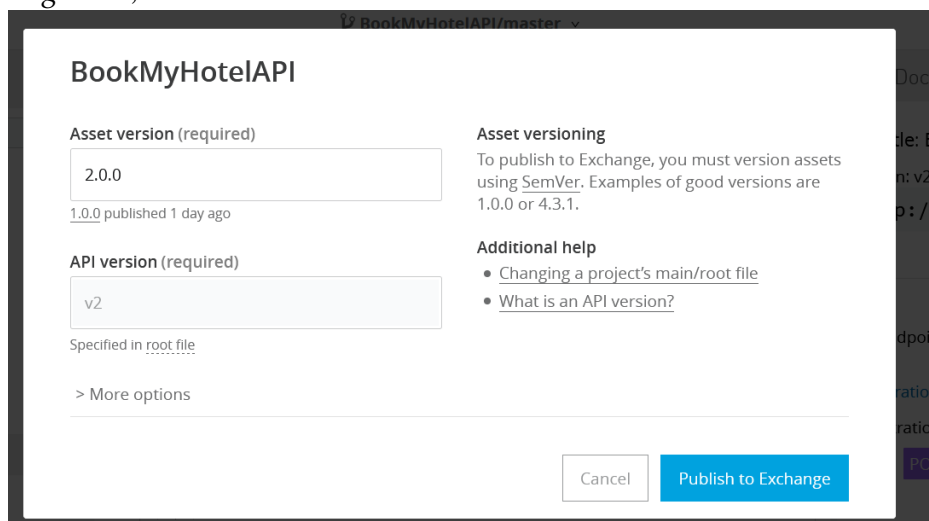
18. Click on Publish -> Publish to Exchange

    a.

19. In the dialogue box, make sure API version is v2 and asset version is 2.0.0 —
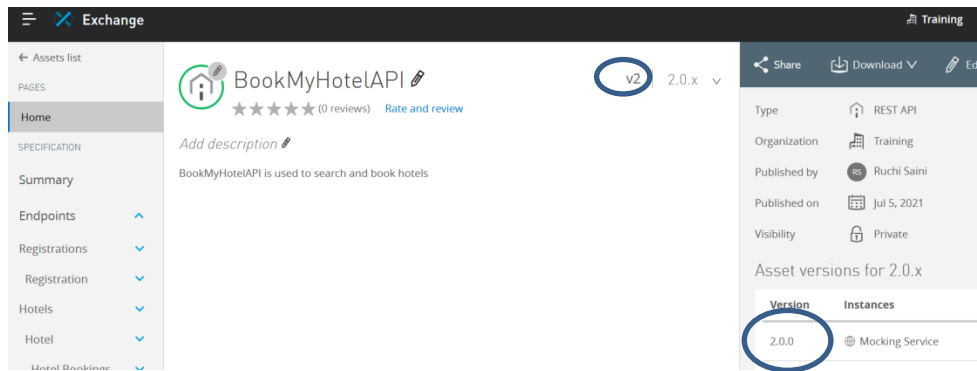
    a.

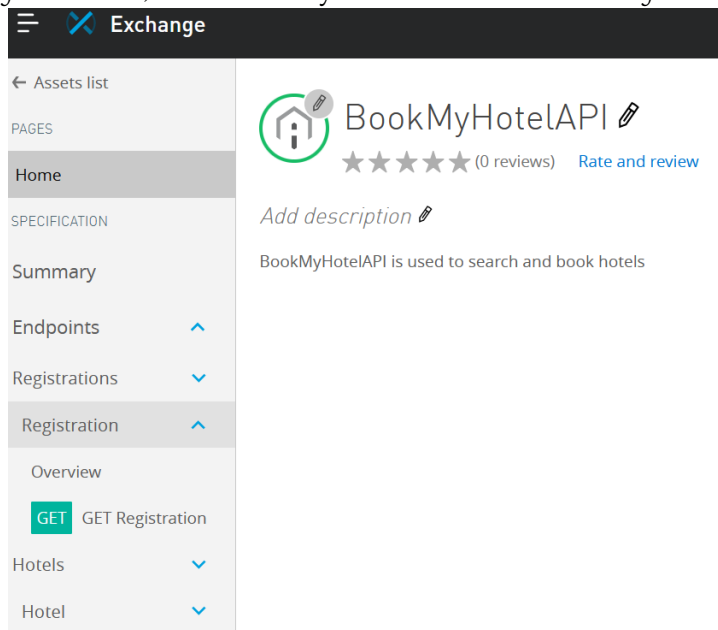
    b. Click on **Publish to Exchange**

20. Go to Exchange and click on BookMyHotelAPI

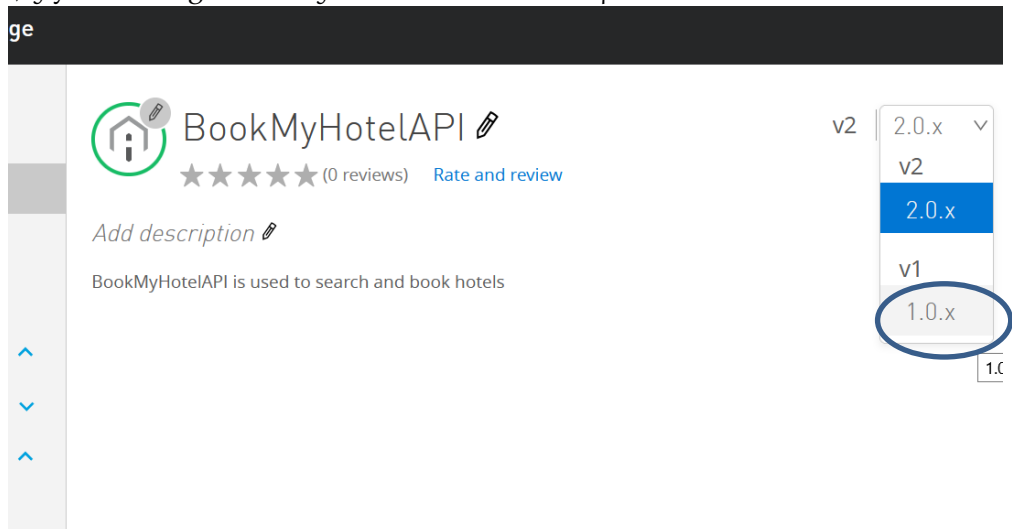21. In the asset detail page, notice v2 version and asset version —

a.

22. At the left hand side, notice that only GET method is now visible for the registration resource

a.

23. (optional) If you wish to go to 1.0.x of v1 version , click on drop down and select that –

a.

Congratulations, you have completed this step!!

Step 2 – Publish new asset version of API

1. Go to Design Center and open BookMyHotelAPI

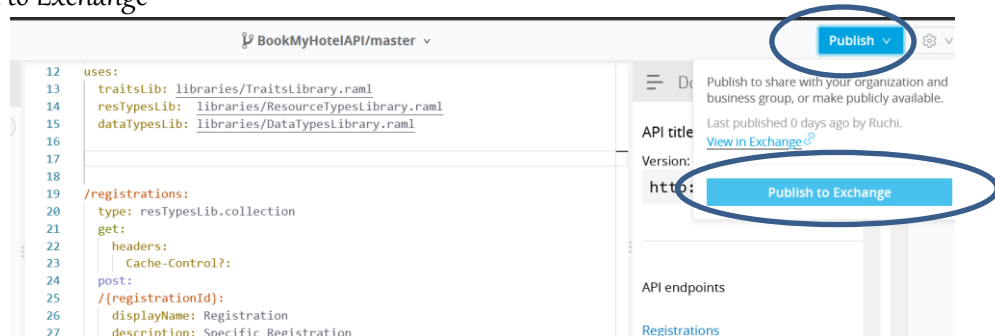2. For registrations resource (/registrations), GET method – define an optional header Cache-Control :-
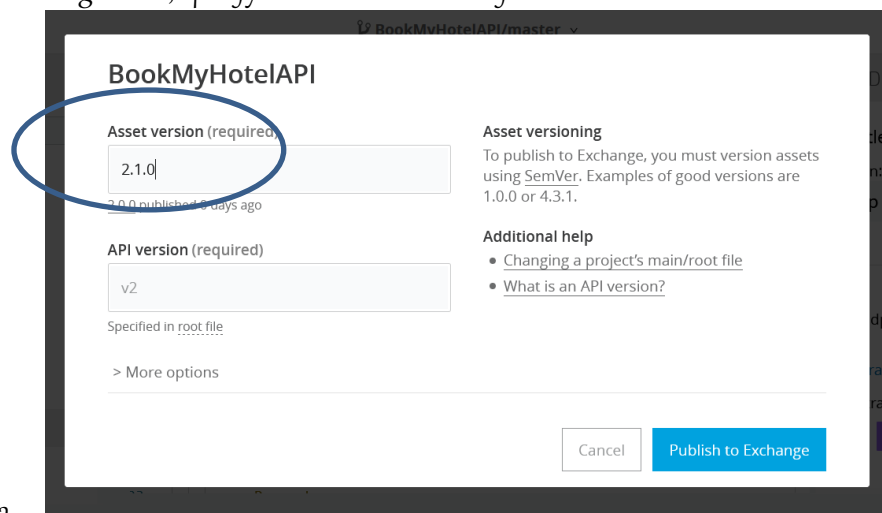
   a.

   b. Notice ? at the end of Cache-Control header which makes it optional
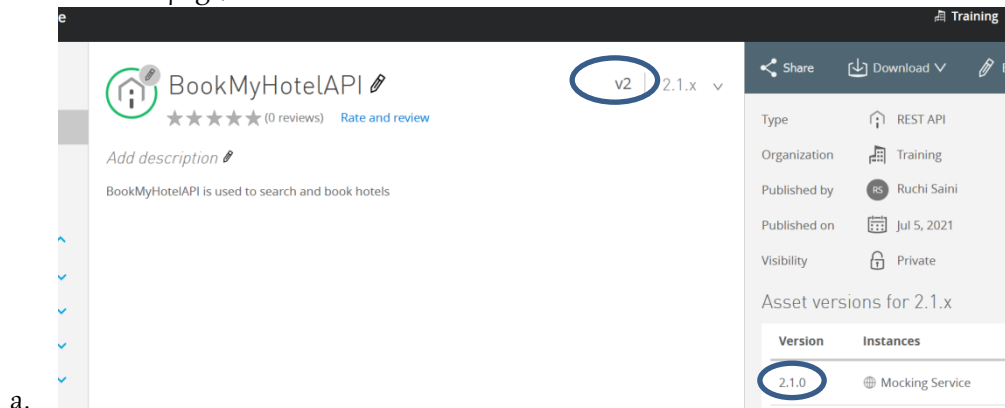
3. Publish to Exchange –

   a.

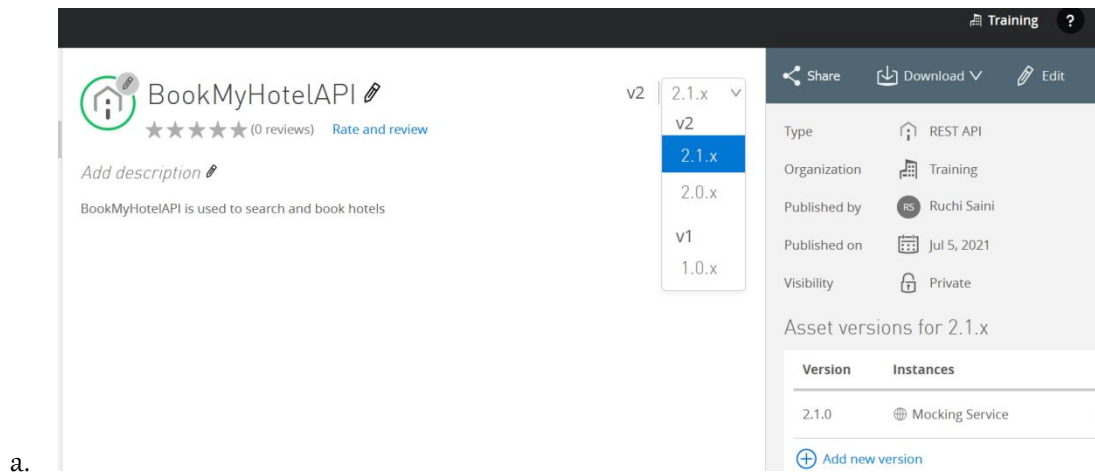4. In the dialogue box, specify asset version as 2.1.0 for API version v2–

   a.

   b. Click on **Publish to Exchange** button

5. Go to Exchange and click on BookMyHotelAPI

6. In the asset detail page, notice v2 version and asset version

    a.

7. (optional) Click on drop down and you can choose to switch to a particular api version / asset version–

    a.

Congratulations, you have completed this step!!

Congratulations!! You have completed this exercise.