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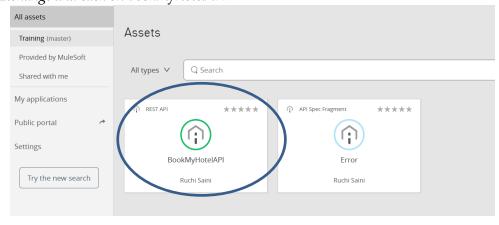
LAB: Version API

In this lab you will -

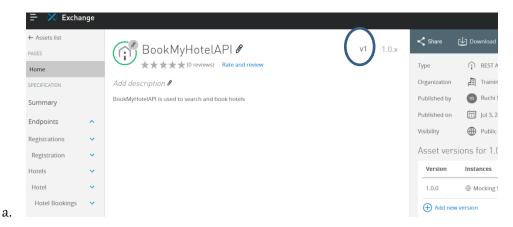
a) Version API

Step 1 — Create new version of API

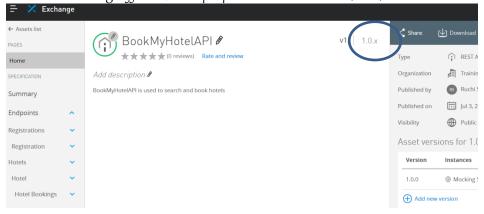
1. Go to Exchange and click on BookMyHotelAPI



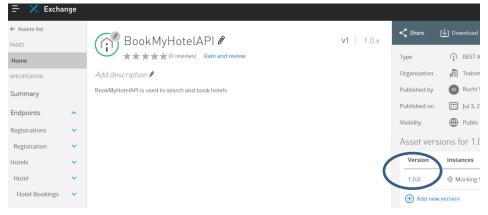
2. In the asset detail page , notice version v_1 —



- 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



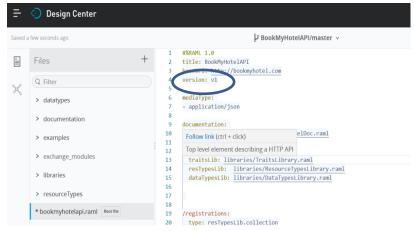
4. Notice the asset version in the window below —



5. Go to Design Center and open BookMyHotelAPI—



6. Specify version as v1 in root raml—



7. Notice we are in master branch by default –



8. Lets create vi branch.

a.

a.

9. Click on drop down arrow –

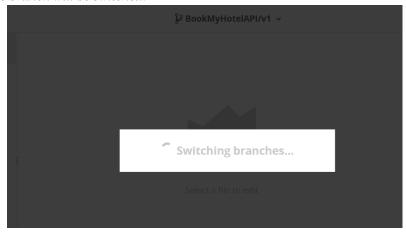
```
BookMyHotelAPI/master
     #%RAML 1.0
                       master
     title: BookMyHot
     baseUri: http://
     version: v1
                        CreateBranch
 6
     mediaType:
 7
     - application/json
 8
9
     documentation:
       - !include documentation/BookMyHotelDoc.raml
10
11
12
     uses:
13
       traitsLib: libraries/TraitsLibrary.raml
       resTypesLib: libraries/ResourceTypesLibrary.raml
14
       dataTuncelih. liheanias/DataTunceliheanu naml
```

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

```
₽ BookMyHotelAPI/master ∨

       #%RAML 1.0
       title: BookMyHot
       baseUri: http://
       version: v1
                         v1
       mediaType:
       - application/json
       documentation:
  10
         - !include documentation/BookMyHotelDoc.raml
  11
  12
  13
         traitsLib: libraries/TraitsLibrary.raml
  14
         resTypesLib: libraries/ResourceTypesLibrary.raml
  15
         dataTypesLib: libraries/DataTypesLibrary.raml
  16
 19
       /registrations:
  20
        type: resTypesLib.collection
^ 21
```

10. Now the branch will be switched.

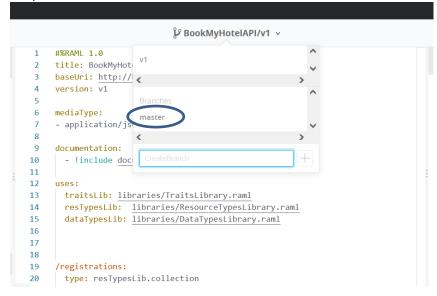


11. We will be taken from master branch to v1 branch. Complete code is copied from master branch to v1 branch. Notice we are in v1 branch now —

```
#%RAML 1.0
     title: BookMyHotelAPI
     baseUri: http://bookmyhotel.com
     version: v1
     mediaType:
     - application/json
 8
9
     \hbox{\tt documentation:}
10
     - !include documentation/BookMyHotelDoc.raml
11
12
      traitsLib: libraries/TraitsLibrary.raml
13
      resTypesLib: libraries/ResourceTypesLibrary.raml
14
      dataTypesLib: libraries/DataTypesLibrary.raml
15
16
17
18
     /registrations:
19
      type: resTypesLib.collection
```

12. Lets go back to master branch.

13. Click on drop down and select master -



- 14. Branch will be switched again. We will be in master branch.
- 15. Change the version to v2 now in master branch –

```
BookMyHotelAPI/master v
       #%RAML 1.0
       title: BookMyHotelAPI
  2
       baseUri: http://bookmyhotel.com
      version: v2
       mediaType:
  6
       - application/json
  8
  9
      documentation:
        - !include documentation/BookMyHotelDoc.raml
 10
 11
 12
        traitsLib: libraries/TraitsLibrary.raml
 13
        resTypesLib: libraries/ResourceTypesLibrary.raml
 14
        dataTypesLib: libraries/DataTypesLibrary.raml
 15
 16
 17
 18
       /registrations:
 19
 20
        type: resTypesLib.collection
^ 21
         get:
```

16. For registration resource (/registrations/{registration1d} , we have get , patch and delete methods

```
/registrations:
19
       type: resTypesLib.collection
20
21
       get:
22
       post:
23
       /{registrationId}:
24
         displayName: Registration
25
         description: Specific Registration
          type: resTypesLib.member
26
27
         get:
28
         patch:
         delete:
```

a.

17. For registration resource (/registrations/{registrationId}, remove **patch** and **delete** methods . So we have only get method for this resource now—

```
/registrations:
type: resTypesLib.collection
get:
post:
/{registrationId}:
displayName: Registration
description: Specific Registration
type: resTypesLib.member
get:
/hotels:
type: resTypesLib.collection
get:

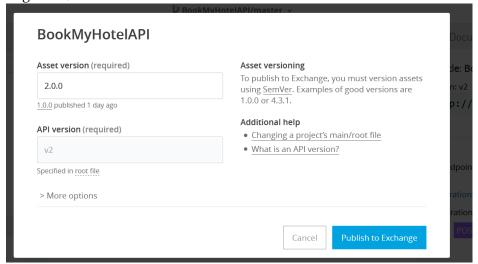
queryParameters:
city:
required: false
```

18. Click on Publish -> Publish to Exchange

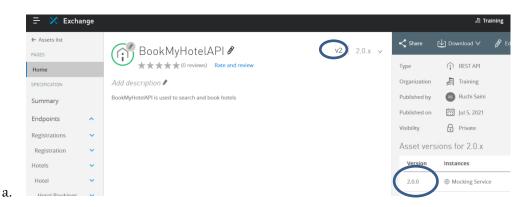
a.



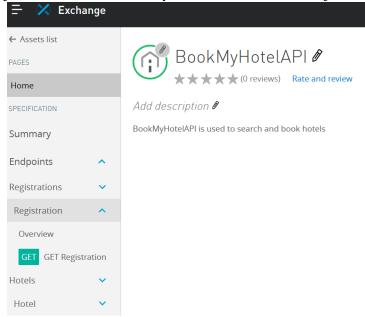
19. In the dialogue box, make sure API version is v_2 and asset version is 2.0.0 -



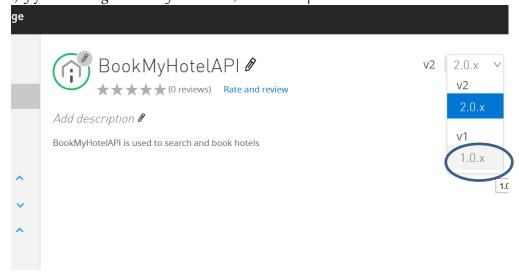
- b. Click on Publish to Exchange
- 20. Go to Exchange and click on BookMyHotelAPI
- 21. In the asset detail page, notice v2 version and asset version –



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



23. (optional) If you wish to go to 1.0.x of v_1 version, click on drop down and select that -



Congratulations, you have completed this step!!

a.

a.

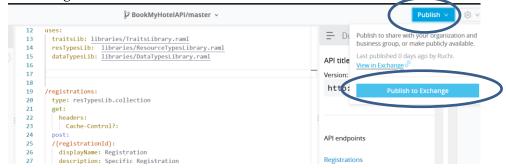
Step 2 — Publish new asset version of API

- 1. Go to Design Center and open BookMyHotelAPI
- 2. For registrations resource (/registrations), GET method define an optional header Cache-

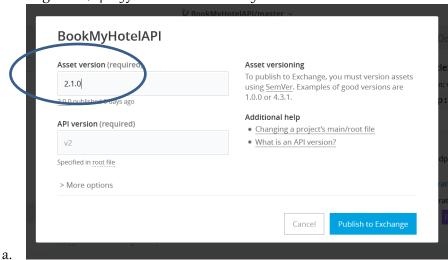
Control:-

```
traitsLib: libraries/TraitsLibrary.raml
    13
    4
           resTypesLib: libraries/ResourceTypesLibrary.raml
    5
           dataTypesLib: libraries/DataTypesLibrary.raml
    16
    .7
    8
    19
         /registrations:
           type: resTypesLib.collection
    10
    21
           get:
          neaders:
    22
    !3
               Cache-Control?:
    24
           /{registrationId}:
    25
             displayName: Registration
    17
             description: Specific Registration
             type: resTypesLib.member
    28
a.
```

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

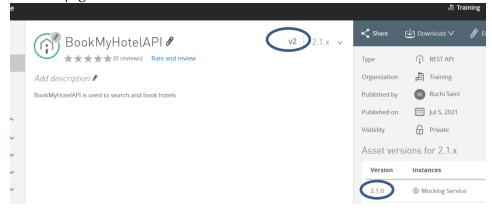


4. In the dialogue box, specify asset version as 2.1.0 for API version v2-



b. Click on Publish to Exchange button

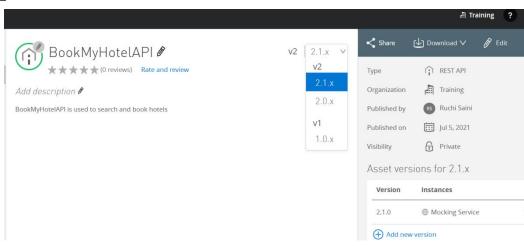
- 5. Go to Exchange and click on BookMyHotelAPI
- 6. In the asset detail page, notice v2 version and asset version



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.