

Overview



Designing APIs

Quiz

Nice work! You got 100% correct. Please review your answers.

1.

An API has been created in Design Center. What is the next step to make the API discoverable?

- Deploy the API to a Maven repository
- Enable autodiscovery in API Manager
- Publish the API from inside flow designer
- Publish the API to Anypoint Exchange

Correct!

2.

Refer to the exhibit. What is the correct URL to submit a GET request to /patients?

```
1  #%RAML 1.0
2  title: ACME Medical API
3  baseUrl: http://dev.acme.com/api
4
5  /patients:
6  |  get:
7  |    |  queryParameters:
8  |    |    |  year:
9  |    |    |    |  type: integer
10 |    |    |    |  example: 2017
```

DIY 3-1: Create an API specification with RAML



- <http://dev.acme.com/patients?year=2016>
- <http://dev.acme.com/api/patients>

- http://dev.acme.com/patients
- http://dev.acme.com/api/patients?year=2016

Correct!

3.

A RAML example fragment named `BankAccountsExample.raml` is placed in the `examples` folder in an API specification project.

What is the correct syntax to reference the fragment?

- `examples: !include BankAccountsExample.raml`
- `examples: #import BankAccountsExample.raml`
- `examples: !include examples/BankAccountsExample.raml`
- `examples: #import examples/BankAccountsExample.raml`

Correct!

4.

Refer to the exhibit. There is an error in the `flight_id` resource's GET method. What needs to be done to fix the problem?

```
1. #%RAML 1.0
2. version: v1
3. title: American Flights API
4.
5. /flights:
6.   get:
7.
8.   /{flight_id}:
9.
10.  get:
```

- Remove blank line on row 9
- Enclose `flight_id` in parentheses `()` instead of curly braces `{}`
- Indent the `get` method under the `{flight_id}` resource
- Outdent the `{flight_id}` resource
- Remove the curly braces `{}` around `flight_id`

Correct!

5.

Refer to the exhibit. This RAML specification includes an XML example that matches the Records data type defined in another RAML file named recordsDataType.raml.

Using the Records type, how can this XML example be represented in RAML?

```

#%RAML 1.0
title: Records API

/records:
  get:
    responses:
      200:
        body:
          application/xml:
            example: |
              <music>
                <collection>Deep Collection</collection>
                <artists>
                  <artist1>Deep Purple</artist1>
                  <artist2>Rainbow</artist2>
                </artists>
              </music>

```

Answers

A.

```

#%RAML 1.0
title: Records API

types:
  Records: !include recordsDataType.raml

/records:
  get:
    responses:
      200:
        body:
          application/xml:
            type: Records
            example:
              music:
                collection: "Deep Collection "
                artists:
                  - artist1: "Deep Purple"
                  - artist2: "Rainbow"

```

B.

```

#%RAML 1.0
title: Records API

types:
  Records: !include recordsDataType.raml

/records:
  get:
    responses:
      200:
        body:
          application/xml:
            type: Records
            example:
              music:
                collection: "Deep Collection "
                artists:
                  "Deep Purple"
                  "Rainbow"

```

C.

```

#%RAML 1.0
title: Records API

types:
  Records: !include recordsDataType.raml

/records:
  get:
    responses:
      200:
        body:
          application/xml:
            type: Records
            example:
              music:
                collection: "Deep Collection "
                artists: "Deep Purple", "Rainbow"

```

D.

```

#%RAML 1.0
title: Records API

types:
  Records: !include recordsDataType.raml

/records:
  get:
    responses:
      200:
        body:
          application/xml:
            type: Records
            example:
              music:
                collection: "Deep Collection "
                artists:
                  artist1: "Deep Purple"
                  artist2: "Rainbow"

```

- A
- B

C D

Correct!

Nice work! You got 100% correct. Please scroll up to review your answers.