

AM1 - Travel Agency

Overview

Solution of homework for NI-AM1 subject.

Version information

Version : 1.0.0

Contact information

Contact Email : chvostom@fit.cvut.cz

URI scheme

Host : t-a.org

BasePath : /

Schemes : HTTP

Tags

- country : All services about countries
- customer : All services about customers
- location : All services about locations
- tour : All services about tours

Security

travelagency_auth

Type : oauth2

Flow : implicit

Token URL : <http://travelagency.swagger.io/oauth/dialog>

| Name | Description |
|-----------------|----------------------------------|
| write:customers | modify customers in your account |
| read:customers | read your customers |

| Name | Description |
|-----------------|----------------------------------|
| write:tours | modify tour in your account |
| read:tours | read your tours |
| write:locations | modify locations in your account |
| read:locations | read your locations |
| write:countries | modify countries in your account |
| read:countries | read your countries |

api_key

Type : apiKey

Name : api_key

In : HEADER

Paths

Add a new country to travel agency database

POST /country

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|---|-------------------------|
| Body | body <i>required</i> | Country object that needs to be added to the travel agency database | Country |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------|------------|
| 201 | Country created | No Content |

| HTTP Code | Description | Schema |
|-----------|---------------|------------|
| 400 | Bad request | No Content |
| 405 | Invalid input | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- country

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:countries,read:countries |

Get all countries

GET /country

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|-----------------------------------|
| 200 | successful operation | < Country > array |
| 400 | Bad request | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- `country`

Update an existing country

PUT /country

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|---|-------------------------|
| Body | body <i>required</i> | Country object that needs to be updated in the travel agency database | Country |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------------|------------|
| 200 | Country successfully updated | No Content |
| 201 | Country created | No Content |
| 204 | No content for updating | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Country not found | No Content |
| 405 | Validation exception | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`

- `application/xml`

Tags

- `country`

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:countries,read:countries |

Find country by ID

```
GET /country/{countryId}
```

Description

Returns a single country

Parameters

| Type | Name | Description | Schema |
|------|-------------------------------------|-------------------------|--------|
| Path | countryId <i>required</i> | ID of country to return | string |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|-------------------------|
| 200 | successful operation | Country |
| 400 | Invalid ID supplied | No Content |
| 404 | Country not found | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- country

Security

| Type | Name |
|--------|-------------------------|
| apiKey | api_key |

Deletes a country

```
DELETE /country/{countryId}
```

Parameters

| Type | Name | Description | Schema |
|------|-------------------------------------|----------------------|--------|
| Path | countryId <i>required</i> | Country id to delete | string |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------------|------------|
| 200 | Country successfully deleted | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Country not found | No Content |

Produces

- [application/json](#)
- [application/xml](#)

Tags

- country

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:countries,read:countries |

Add a new customer to travel agency database

POST /customer

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|--|--------------------------|
| Body | body <i>required</i> | Customer object that needs to be added to the travel agency database | Customer |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|------------|
| 201 | Customer successfully created | No Content |
| 400 | Bad request | No Content |
| 405 | Invalid input | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- customer

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:customers,read:customers |

Get all customers

GET /customer

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|------------------------------------|
| 200 | successful operation | < Customer > array |
| 400 | Bad request | No Content |

Consumes

- [application/json](#)
- [application/xml](#)

Produces

- [application/json](#)
- [application/xml](#)

Tags

- customer

Update an existing customer

PUT /customer

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|--|--------------------------|
| Body | body <i>required</i> | Customer object that needs to be updated in the travel agency database | Customer |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|------------|
| 200 | Customer successfully updated | No Content |
| 201 | Customer created | No Content |
| 204 | No content for updating | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Customer not found | No Content |
| 405 | Validation exception | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- customer

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:customers,read:customers |

Find customer by ID

```
GET /customer/{customerId}
```

Description

Returns a single customer

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------------|--------------------------|-----------------|
| Path | customerId <i>required</i> | ID of customer to return | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--------------------------|
| 200 | successful operation | Customer |
| 400 | Invalid ID supplied | No Content |
| 404 | Customer not found | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- customer

Security

| Type | Name |
|--------|-------------------------|
| apiKey | api_key |

Deletes a customer

```
DELETE /customer/{customerId}
```

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------------|-----------------------|-----------------|
| Path | customerId <i>required</i> | Customer id to delete | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|------------|
| 200 | Customer successfully deleted | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Customer not found | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- customer

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:customers,read:customers |

Add a new location to travel agency database

POST /location

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|--|--------------------------|
| Body | body <i>required</i> | Location object that needs to be added to the travel agency database | Location |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------|------------|
| 201 | Location created | No Content |

| HTTP Code | Description | Schema |
|-----------|---------------|------------|
| 400 | Bad request | No Content |
| 405 | Invalid input | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- location

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:locations,read:locations |

Get all locations

GET /location

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|------------------------------------|
| 200 | successful operation | < Location > array |
| 400 | Bad request | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- `location`

Update an existing location

PUT `/location`

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|--|--------------------------|
| Body | body <i>required</i> | Location object that needs to be updated in the travel agency database | Location |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|------------|
| 200 | Location successfully updated | No Content |
| 201 | Location created | No Content |
| 204 | No content for updating | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Location not found | No Content |
| 405 | Validation exception | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`

- `application/xml`

Tags

- location

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:locations,read:locations |

Find location by ID

```
GET /location/{locationId}
```

Description

Returns a single location

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------------|--------------------------|-----------------|
| Path | locationId <i>required</i> | ID of location to return | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--------------------------|
| 200 | successful operation | Location |
| 400 | Invalid ID supplied | No Content |
| 404 | Location not found | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- location

Security

| Type | Name |
|--------|-------------------------|
| apiKey | api_key |

Deletes a location

```
DELETE /location/{locationId}
```

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------------|-----------------------|-----------------|
| Path | locationId <i>required</i> | Location id to delete | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|------------|
| 200 | Location successfully deleted | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Location not found | No Content |

Produces

- [application/json](#)
- [application/xml](#)

Tags

- location

Security

| Type | Name | Scopes |
|--------|-----------------------------------|--------------------------------|
| oauth2 | travelagency_auth | write:locations,read:locations |

Add a new tour to travel agency database

POST /tour

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|--|----------------------|
| Body | body <i>required</i> | Tour object that needs to be added to the travel agency database | Tour |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|------------|
| 201 | Tour created | No Content |
| 400 | Bad request | No Content |
| 405 | Invalid input | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- `tour`

Security

| Type | Name | Scopes |
|--------|-----------------------------------|------------------------|
| oauth2 | travelagency_auth | write:tours,read:tours |

Get all tours

GET /tour

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--------------------------------|
| 200 | successful operation | < Tour > array |
| 400 | Bad request | No Content |

Consumes

- [application/json](#)
- [application/xml](#)

Produces

- [application/json](#)
- [application/xml](#)

Tags

- [tour](#)

Update an existing tour

PUT /tour

Parameters

| Type | Name | Description | Schema |
|------|--------------------------------|--|----------------------|
| Body | body <i>required</i> | Tour object that needs to be updated in the travel agency database | Tour |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|------------|
| 200 | Tour successfully updated | No Content |
| 201 | Tour created | No Content |
| 204 | No content for updating | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Tour not found | No Content |
| 405 | Validation exception | No Content |

Consumes

- `application/json`
- `application/xml`

Produces

- `application/json`
- `application/xml`

Tags

- `tour`

Security

| Type | Name | Scopes |
|--------|-----------------------------------|------------------------|
| oauth2 | travelagency_auth | write:tours,read:tours |

Finds tours by customer

```
GET /tour/findByCustomer
```

Parameters

| Type | Name | Description | Schema |
|-------|--------------------------------------|------------------------------|-----------------|
| Query | customerId <i>required</i> | Customer value for filtering | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|--------------------------------|
| 200 | successful operation | < Tour > array |
| 400 | Invalid customer id value | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- `tour`

Security

| Type | Name | Scopes |
|--------|-----------------------------------|------------------------|
| oauth2 | travelagency_auth | write:tours,read:tours |

Finds tours by location

GET /tour/findByLocation

Parameters

| Type | Name | Description | Schema |
|-------|--------------------------------------|------------------------------|-----------------|
| Query | locationId <i>required</i> | Location value for filtering | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|--------------------------------|
| 200 | successful operation | < Tour > array |
| 400 | Invalid location id value | No Content |

Produces

- [application/json](#)
- [application/xml](#)

Tags

- [tour](#)

Security

| Type | Name | Scopes |
|--------|-----------------------------------|------------------------|
| oauth2 | travelagency_auth | write:tours,read:tours |

Find tour by ID

```
GET /tour/{tourId}
```

Description

Returns a single tour

Parameters

| Type | Name | Description | Schema |
|------|----------------------------------|----------------------|-----------------|
| Path | tourId <i>required</i> | ID of tour to return | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|----------------------|
| 200 | successful operation | Tour |

| HTTP Code | Description | Schema |
|-----------|---------------------|------------|
| 400 | Invalid ID supplied | No Content |
| 404 | Tour not found | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- tour

Security

| Type | Name |
|--------|----------------------|
| apiKey | <code>api_key</code> |

Deletes a tour

```
DELETE /tour/{tourId}
```

Parameters

| Type | Name | Description | Schema |
|------|----------------------------------|-------------------|-----------------|
| Path | tourId <i>required</i> | Tour id to delete | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|------------|
| 200 | Tour successfully deleted | No Content |
| 400 | Invalid ID supplied | No Content |
| 404 | Tour not found | No Content |

Produces

- `application/json`
- `application/xml`

Tags

- `tour`

Security

| Type | Name | Scopes |
|--------|-----------------------------------|------------------------|
| oauth2 | travelagency_auth | write:tours,read:tours |

Definitions

Country

| Name | Schema |
|-------------------------------------|------------------------------------|
| id <i>optional</i> | string |
| locations <i>optional</i> | < Location > array |
| name <i>optional</i> | string |

Customer

| Name | Schema |
|-------------------------------------|-----------------|
| email <i>optional</i> | string |
| firstname <i>optional</i> | string |
| id <i>optional</i> | integer (int64) |

| Name | Schema |
|-----------------------------------|--------|
| phone <i>optional</i> | string |
| surname <i>optional</i> | string |

Location

| Name | Schema |
|-------------------------------------|-----------------|
| countryId <i>optional</i> | string |
| id <i>optional</i> | integer (int64) |
| title <i>optional</i> | string |

Tour

| Name | Schema |
|-------------------------------------|-------------------------------------|
| customers <i>optional</i> | < Customer > array |
| endDate <i>optional</i> | string (date-time) |
| id <i>optional</i> | integer (int64) |
| location <i>optional</i> | Location |
| startDate <i>optional</i> | string (date-time) |
| transport <i>optional</i> | enum (car, bus, train, plane, boat) |