OpenAPI Import Rules

The OpenAPI importer imports OpenAPI 2.0 Specification service descriptors encoded in YAML (Swagger) into a OpenAPI connector.
Find here how OpenAPI entities are mapped to data model elements in the **Implementation** folder.

An OpenAPI document is simply a set of nested definitions. The grammar is as follows:

```
basePath: /support
consumes:
- application/json
- text/xml
definitions:
  SupportCase:
    properties:
      id:
        type: string
      customerID:
        type: string
      customerName:
        type: string
      date:
        format: date-time
        type: string
      shortDescription:
        type: string
      status:
        type: string
  RESTError:
    properties:
      message:
        type: string
  SupportCaseInfo:
    properties:
      supportCaseCount:
        type: integer
      customers:
        items:
          $ref: '#/definitions/String'
        type: array
  ListOfSupportCases:
    properties:
      supportCases:
        items:
          $ref: '#/definitions/SupportCase'
        type: array
  ResolveMessage:
    properties:
      message:
        type: string
info:
  description: |-
    ###Manage support cases.

    This REST service provides you with a simple support manager. You can
create, resolve and close support cases, and get support case information.
    - Please provide a valid API token to access all methods.
    - Additionally provide valid user credentials to access DELETE or PUT.
  title: SupportAPI
  version: 1.0
paths:
  /supportcases:
    get:
      description: Get some general info on existing support cases
(number, affected customers).
      responses:
        '200':
          description: ''
          schema:
            $ref: '#/definitions/SupportCaseInfo'
```

```
      default:
        description: |-
          - 400 - Logical error, Bad Request
          - 404 - Technical error, Not Found
          - 500 - Technical error

          (See message string for error details.)
        schema:
          $ref: '#/definitions/RESTError'
    summary: Get some general info on existing support cases (number,
affected customers).
    tags:
    - Support Case Info
  post:
    description: Create a new support case.
    parameters:
    - in: body
      name: supportCase
      required: true
      schema:
        $ref: '#/definitions/SupportCase'
    responses:
      '201':
        description: ''
        schema:
          $ref: '#/definitions/SupportCase'
      default:
        [...]
        schema:
          $ref: '#/definitions/RESTError'
    summary: Create a new support case.
    tags:
    - Create a New Support Case
  /supportcases/:
    [...]
  /supportcases/{id}:
    [...]
  /supportcases/{id}/resolve:
    [...]
  /supportcases/customer/{customerID}/:
    [...]
produces:
- application/json
- text/xml
security:
- basic: []
- API-Key: []
securityDefinitions:
  basic:
    description: Authenticate using HTTP Basic Authentication
    type: basic
  API-Key:
    description: Authenticate using pre-acquired API key
    in: header
    name: API-Key
    type: apiKey
swagger: '2.0'
tags:
- description: Create a new support case.
  name: Create a New Support Case
- description: Get information on support cases.
  name: Support Case Info
- description: Transition a support case to a new state.
  name: Transition Support Case
```

When importing an OpenAPI description, the importer will generate a package structure from the OpenAPI definitions. The definitions section corresponds to the **Types** package, the paths section corresponds to the **Services** package within the imported service.