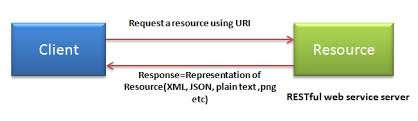
**RESTful services used to publish website**

REST works almost exactly like a website in a browser. A resource is exposed to a program via a URL. The program can access that URL and receive data about the resource, not unlike when you type in a URL to your browser and get a web page back. Well-designed RESTful APIs include additional links the program can follow to request related information - similar to how you would click on a link to visit a new page - or to submit data to update the given resource - similar to how you would fill out a web form to create a new account for a web site.

RESTful systems typically, but not always, communicate over [Hypertext Transfer Protocol](https://en.wikipedia.org/wiki/Hypertext_Transfer_Protocol) (HTTP) with the same [HTTP verbs](https://en.wikipedia.org/wiki/HTTP_verbs) (GET, POST, PUT, DELETE, etc.) that web browsers use to retrieve [web pages](https://en.wikipedia.org/wiki/Web_page) and to send data to remote servers.

**RESTful Web Service End Points:** 

***Commands for reference*** **URL:** <http://localhost:8080/smartcms/>

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **URI** | **Method** | **Description** |
| **1** | **/website/list** | **GET** | **Returns a list of all the websites** |
| **2** | **/website/{id}** | **GET** | **Return the website based on the id** |
| **3** | **/website/{id}** | **PUT** | **Update content based on id** |
| **4** | **/website/{id}** | **DELETE** | **Delete the issuer in the data store based** |
| **5** | **/website/add** | **POST** | **Inserts the website into the data store based on the contents of the json** |
| **6** | **/download/{id}** | **GET** | **http://localhost:8080/smartcms/website/download/{id}** |
| **7** | **/upload/{id}** | **POST** | **http://localhost:8080/smartcms/website/upload/{id}** |

**PUBLISHING WEBSITE REST API**

<http://localhost:8080/smartcms/>

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **GET** |  |  |
| **Path** | **/website/list** |  |  |
| **Response** | **[** |  |  |  |
|  | |  | | --- | | **{** | | **"id":33,** | | **"nid":106,** | | **"orientation":0,** | | **"thumbnail":"page-7920-2.png",** | | **"created":"2016-08-06T16:04:28+02:00",** | | **"changed":"2016-08-06T16:05:28+02:00",** | | **"publishDate":"2016-08-04T16:08:28+02:00"**  **},** | |  | |  | | **{** | | **"id":34,** | | **"nid":107,** | | **"orientation":1,** | | **"title":"Portrait1",** | |  | | **"thumbnail":"page-7930-2.png",** | | **"created":"2016-08-08T16:04:28+02:00",** | | **"changed":"2016-08-08T16:05:28+02:00",** | | **"publishDate":"2016-08-08T16:08:28+02:00"** | | **}** | |  |  |  |
|  | **]** |  |  |  |
| **Description** | **Gets the list of all published websites.**  **To get the list of published websites in xml format use /website/list.xml.**  **To get the list of published landscape websites in xml format use /website/list.xml?orientation=0.**  **To get the list of published portrait websites in xml format use /website/list.xml?orientation=1.**  **To get the list of published both landscape and portrait websites in xml format use /website/list.xml?orientation=all.** |  | |
|  |  |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | GET | |  | |  |
| **Path** | /website/{id} | |  | |  |
| **Response** | [ | |  | |  |  |
|  | |  | | --- | | { | | **"id":**35, | | **"nid":**108, | | **"orientation":**1, | | **"title":**"Portrait1", | |  | | **"thumbnail":**"page-7930-2.png", | | **"created":**"2016-08-08T16:04:28+02:00", | | **"changed":**"2016-08-08T16:05:28+02:00", | | **"publishDate":**"2016-08-08T16:08:28+02:00" | | } | | | |  |  |  |
|  | ] | |  | |  |  |
| **Description** | Gets the list of published websites with the given id.   |  | | --- | |  | |  | | | |
|  |  |  | | | |

|  |  |
| --- | --- |
| **Method** | POST |
| **Path** | /website/add |
| **Body** | In Postman Header send below command: |
|  |  |
|  | |  | | --- | | { | | **"id":**0, | | **"nid":**109, | | **"orientation":**1, | | **"title":**"Landscape2", | | **"folderName":**" Landscape", | | **"thumbnail":**"page-7930-2.png", | | **"created":**"2016-08-08T16:04:28+02:00", | | **"changed":**"2016-08-08T16:05:28+02:00", | | **"publishDate":**"2016-08-08T16:08:28+02:00" | | } | |
|  |  |
|  | **Response:**  {  "id": 136,  "message": "success"  } |
| **Description** | Creates a published website from the given body. |
|  |  |
| **Method** | PUT |
| **Path** | /website/{Id} |
| **Body** | |  | | --- | | { | | **"id":**36, | | **"nid":**111, | | **"orientation":**1, | | **"title":**"Landscape21", | | **"folderName":**" Landscape1", | | **"thumbnail":**"page-7930-4.png", | | **"created":**"2016-08-17T16:04:28+02:00", | | **"changed":**"2016-08-17T16:05:28+02:00", | | **"publishDate":**"2016-08-17T16:08:28+02:00" | | } | |
|  |  |
|  |  |
|  |  |
|  |  |
| **Description** | Updates a user with the given body. |

|  |  |
| --- | --- |
| **Method** | DELETE |
| **Path** | /website/{Id} |
| **Description** | Deletes a website with the given body. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | POST | |  | |  |
| **Path** | **/website/upload/{id}** | |  | |  |
| **Headers** | In PostMan Header send the below command: | |  | |  |  |
|  | |  | | --- | | { | | **"id":1**36, | | **"nid":**109, | | **"orientation":**1, | | **"title":**"Landscape2", | | **"folderName":**" Landscape1", | | **"thumbnail":**"page-7930-2.png", | | **"created":**"2016-08-08T16:04:28+02:00", | | **"changed":**"2016-08-08T16:05:28+02:00", | | **"publishDate":**"2016-08-08T16:08:28+02:00" | | }  **In Body choose the files to be sent :**  **File ->**upload the corresponding file.  **Thumb->** upload the corresponding file.  **File\_right->** upload the corresponding file.  **Response :**  **{**  **"id": 136,**  **"message": "{thumbs : success,file : success,filesRight : success}"**  **}** | | | |  |  |  |
|  |  | |  | |  |  |
| **Description** | Its upload the files to the server.   |  | | --- | |  | |  | | | |
|  |  |  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | GET |  |  | |
| **Path** | **/website/download/{id}** |  |  | |
| **Description** | Download the files from the server.   |  | | --- | |  |   To download the portrait mode websites use the below commands:   1. To download website which is left rotated use: /website/download/ {id}? Orientation=0.   2) To download website for Android use: /website/download/ {id}? Orientation=1. | | |  |
|  |  | | |  |