CDISC has developed a rich set of programmatic interfaces for accessing CDISC standards and their metadata through REST API implementation. Technical details can be found in our API Documentation where users can view specifications, examples, and schemas for each API endpoint.

This article highlights a feature in the API Documentation, called API mocking. Simply, users can try out each of the API endpoint to see how a request can be made, submit it, and see a mocked response returned. This is especially useful for prospective customers, wanting to know more about how it works before making a commitment.

**Step-by-step guide**

Ensure the server option **Swagger API Auto Mocking** is selected when trying out an endpoint.

<table>
<thead>
<tr>
<th>Step</th>
<th>Instruction</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Go to the CDISC Library API Documentation webpage: <a href="https://www.cdisc.org/cdisc-library/api-documentation">https://www.cdisc.org/cdisc-library/api-documentation</a></td>
<td>• An CDISC.org account is required. To self-register one, visit <a href="https://www.cdisc.org/user/registration">https://www.cdisc.org/user/registration</a>.</td>
</tr>
<tr>
<td>2</td>
<td>Select the entry that corresponds to SwaggerHub API Auto Mocking from the Servers drop down box.</td>
<td>• This SwaggerHub URL (<a href="https://virtserver.swaggerhub.com/...">https://virtserver.swaggerhub.com/...</a>) is not static and may change when a newer version of API Documentation becomes effective. Examples:</td>
</tr>
</tbody>
</table>

**Servers**

- [https://library.cdisc.org/api](https://library.cdisc.org/api)
- [https://virtserver.swaggerhub.com/CDISC1/share-2.0/1.1.0](https://virtserver.swaggerhub.com/CDISC1/share-2.0/1.1.0)

**SwaggerHub API Auto Mocking**
Click on an endpoint to expand for Parameters and Responses.

- A horizontal blue bar indicates an API endpoint. Each API endpoint has a Parameters and a Responses section.

```
GET /mdr/products
```

```
GET /mdr/about
```

```
GET /mdr/lastupdated
```

- Not all API endpoints have parameter specifications.

```
GET /mdr/ct/packages
```

Get CDISC Library CT Package List

Parameters

No parameters

```
GET /mdr/ct/packages/{product}
```

Get CDISC Library CT Package

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>product</td>
<td>CT Package Product Identifier</td>
</tr>
<tr>
<td></td>
<td>* required</td>
</tr>
</tbody>
</table>

A parameter may be path or query type. See Swagger's API Host and Base URL for detailed explanations.

- For example, Get CDISC Library CT Package has specifications for both parameter and response.

Scroll down to the Parameters section, where a button labeled Try it out appears.
<table>
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<td>5</td>
<td>Click the Try it out button. The button text will become Cancel. Another button labeled Execute will appear immediate below.</td>
</tr>
<tr>
<td>6</td>
<td>Click the Execute button. The Responses section will be refreshed with a curl command, requested URL, and the mocked server response.</td>
</tr>
<tr>
<td>7</td>
<td><strong>OPTIONAL</strong> Where parameters are available for any given API endpoints, update the pre-populated values and re-execute.</td>
</tr>
</tbody>
</table>

- The curl command can be copied and pasted to a local computer for replicating the execution.
- Note the following when using the SwaggerHub API Auto Mocking server:
  - The response body is a mocked response and is not representative of actual metadata.
  - The response header contains information specific to SwaggerHub. The CDISC Library production server produces a different set of response header.
- Parameters will be not be enabled for update until the Try it out button is pressed.

**Related articles**

- Getting Started: Consuming the Response
- Getting Started: Programmatically connect to CDISC Library API
- 1-Minute Article: Force a No-Cache Refresh for Web Browser
- 1-Minute Article: Using Web Browser To Access CDISC Library API
- Getting Started: Access to CDISC Library API using API Key Authentication