Troubleshooting with Postman

If you're getting an error message from the SAP Business One Service Layer API despite everything being configured correctly, you can make use of the free-of-cost tool Postman to make sure that the issue is not caused by COBI.wms:

https://www.postman.com/downloads/

Once you've installed and started the program for the first time, you can **skip the account creation process** by clicking the small button at the bottom of the login screen of Postman.

Afterwards you can import this Service Layer **Collection** file into Postman:
servicelayer.postman_collection.json

(To open the Import screen of Postman, go to File → Import or press Ctrl + O.)

For the Service Layer collection to work, you have to create an **Environment** in Postman. You can open the Environments tab from the left side of the Postman window to create a new one.

You can name the environment however you like, for example “Service Layer.” You must then add the following variables:

Name	Value
SLROOT	The Service Layer base-URL, such as: **http://sbo-server:50001/b1s/v1**
COMPANY	The name of the SAP Business One company database to which you want to connect
USERNAME	The username of a valid SAP Business One user
PASSWORD	The password of the SAP Business One user

Note: If any value contains a back-slash “ \ ” symbol in it, you have to duplicate each back-slash to be two back-slashes. For example if the username is **“MyDomain\testuser”** then you must write **“MyDomain\\testuser”** instead. (This does not apply to forward-slash “ / ” symbols, only back-slashes. And it is **not** needed in the COBI.wms Android App, only in Postman.)

After saving the environment, you have to **activate it by selecting it from the drop-down towards the top-right corner** of the Postman window, where it normally says **No Environment**.

You can then open the Service Layer collection by opening the **Collections** tab from the left side of the Postman window, and choosing **Service Layer**.

If you've done everything correctly, you should be able to select the **POST Login** request in the Service Layer collection and click on the blue **Send** button to test the login process.

A successful login to Service Layer will yield an output such as the following:

```
{
  "@odata.context":
"http://192.168.178.254:50001/b1s/v2/$metadata#B1Sessions/$entity",
  "SessionId": "878d6bfc-e06e-11eb-8000-000c29fb30d8",
  "Version": "1000150",
  "SessionTimeout": 60
```

```
}
```

Afterwards you can try some of the other requests. For example, the **POST Attachment Upload** request can be used to see if uploading file attachments is working fine. A successful attachment upload will result in a response such as the following:

```
{
  "@odata.context":
"http://192.168.178.254:50001/b1s/v2/$metadata#Attachments2/$entity",
  "AbsoluteEntry": 7,
  "Attachments2_Lines": [
      {
          "SourcePath": "C:\\Windows\\TEMP\\ServiceLayer\\Attachments2/",
          "FileName": "my_photo",
          "FileExtension": "png",
          "AttachmentDate": "2021-07-09",
          "Override": "tNO",
          "FreeText": null,
          "CopyToTargetDoc": "tNO"
      }
  ]
}
```

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