Consent authorization using Postman

1. **Execute "POST /resource/v1/api/consents" endpoint. You will get a consent object in JSON format as a response.**

   Params:

   - SwaggerClient = Application Key;
   - X-Request-ID = ID of the request, unique to the call, as determined by the initiating party;
   - PSU-IP-Address = The forwarded IP Address header field consists of the corresponding http request IP Address field between PSU and TPP.

     Body:

```
{
  "access": {
    "accounts": [],
    "balances": [],
    "transactions": []
  },
  "recurringIndicator": "true",
  "validUntil": "",
  "frequencyPerDay": "",
  "combinedServiceIndicator": "false"
}
```

2. **As a next step, created consent need to be authorized.**

To start authorization process, PSU must be redirected to URL formatted according to OAUTH2 specification:

https://<URL>/auth/oauth2/authorize?response_type=code&client_id=<TPP_KEY>&redirect_uri=<REDIRECT_URI>&scope=AISP%3A<CONSENT_ID>&state=<RANDOM_NUMBER>

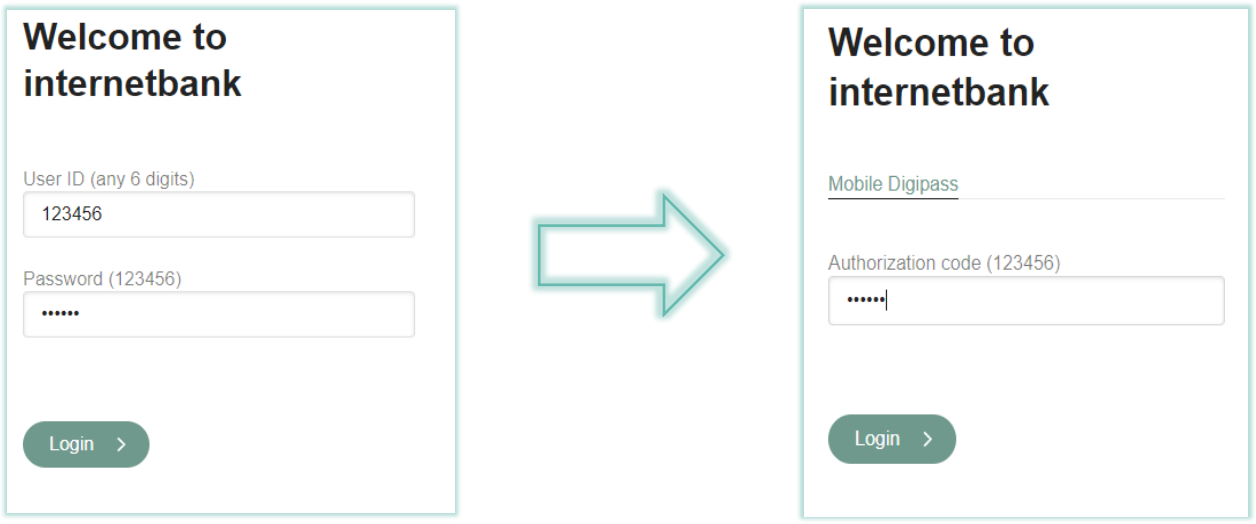
Params:

- response_type = code;
- <TPP_KEY> = Application key;
- <REDIRECT_URI> = Application redirect URL;
- <CONSENT_ID> = Consent id received in previous step;
- <RANDOM_NUMBER> = random number (request ID).

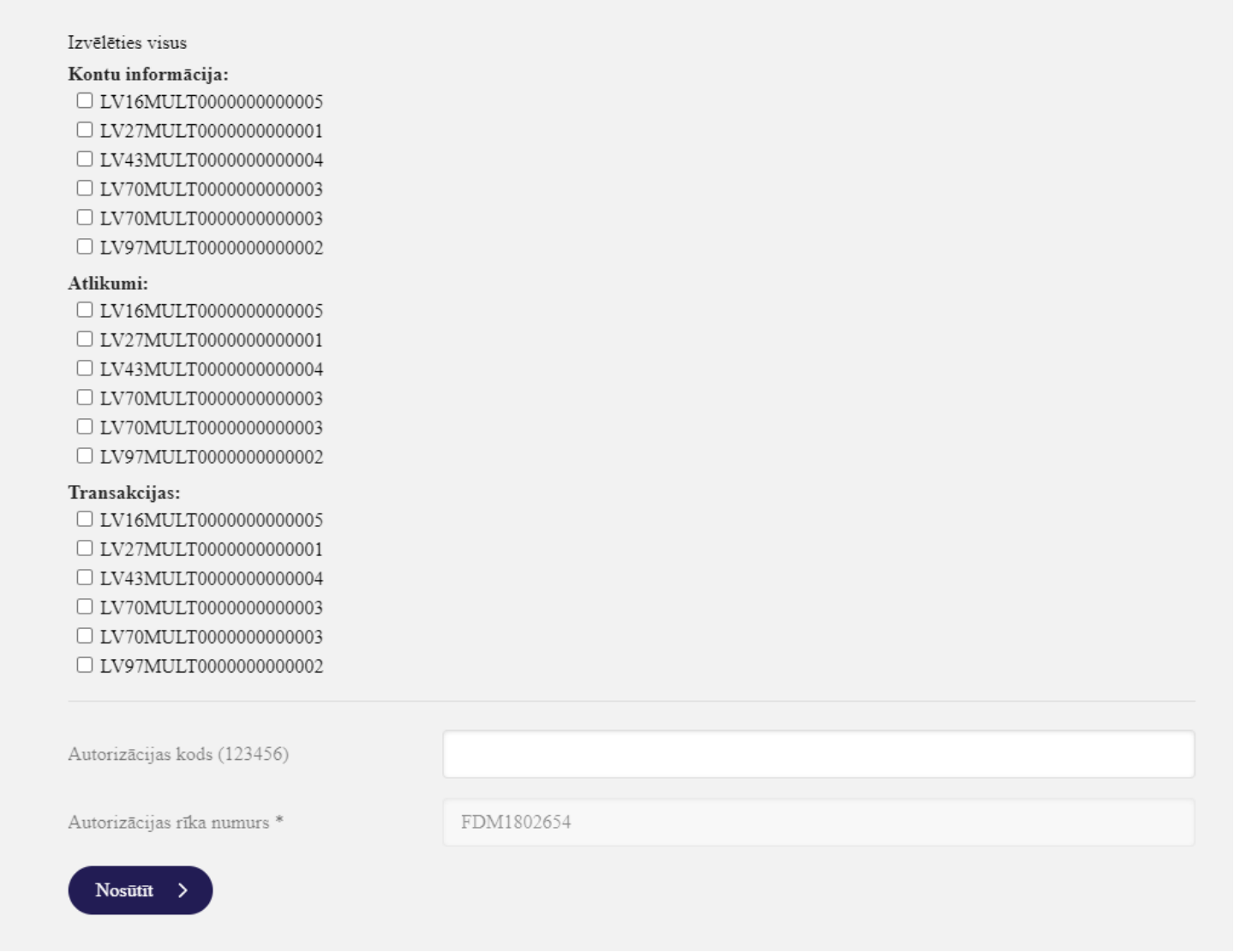
Example:

https://{host}/auth/oauth2/authorize?response_type=code&client_id=9304aae0-8b50-477a-afff-e9f6697a7b47&redirect_uri=http://test1748.lv&scope=AISP%3A8f1d0343-7866-4e36-824d-334dcf31ddd0&state=587454

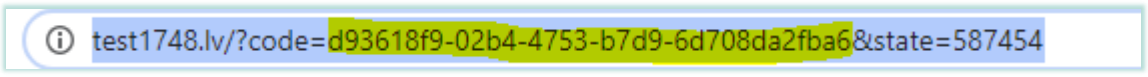
3. **Go through Internetbank authorization process:**



4. **Select client accounts, enter authorization code and press “Send”.**



5. **After account selection you will be redirected to the redirect URL with code. This code will be used to get token.**



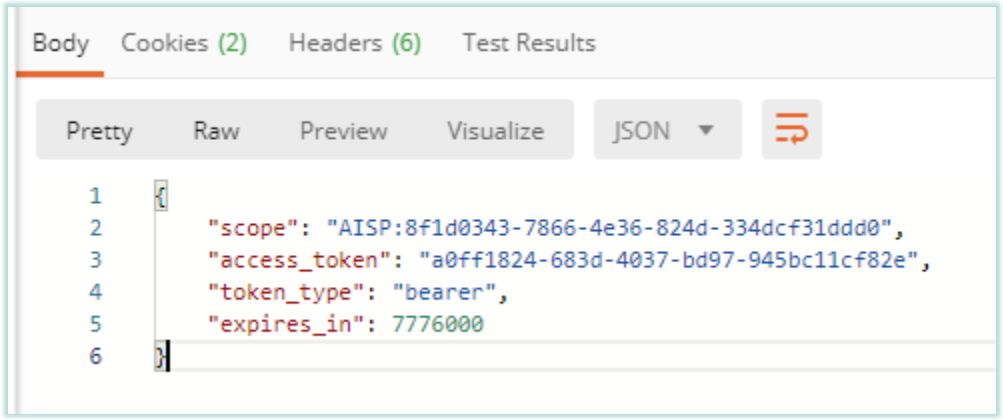
6. **To get token must be called "POST https://{}host/auth/oauth2/token" endpoint.**

Params:

- grant_type = authorization_code;
- redirect_uri = Application redirect URL;

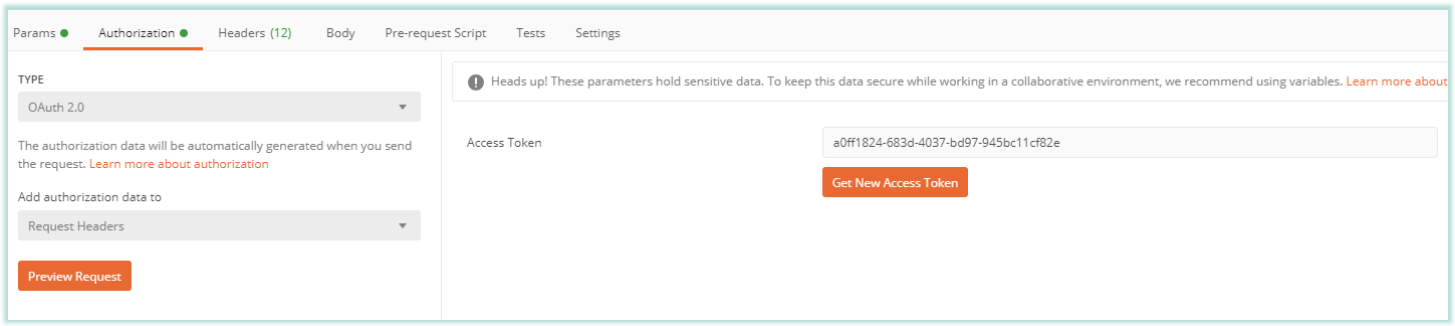
- code = code received in previous step;
- client_id = Application key;
- client_secret = Application secret.

Response example:



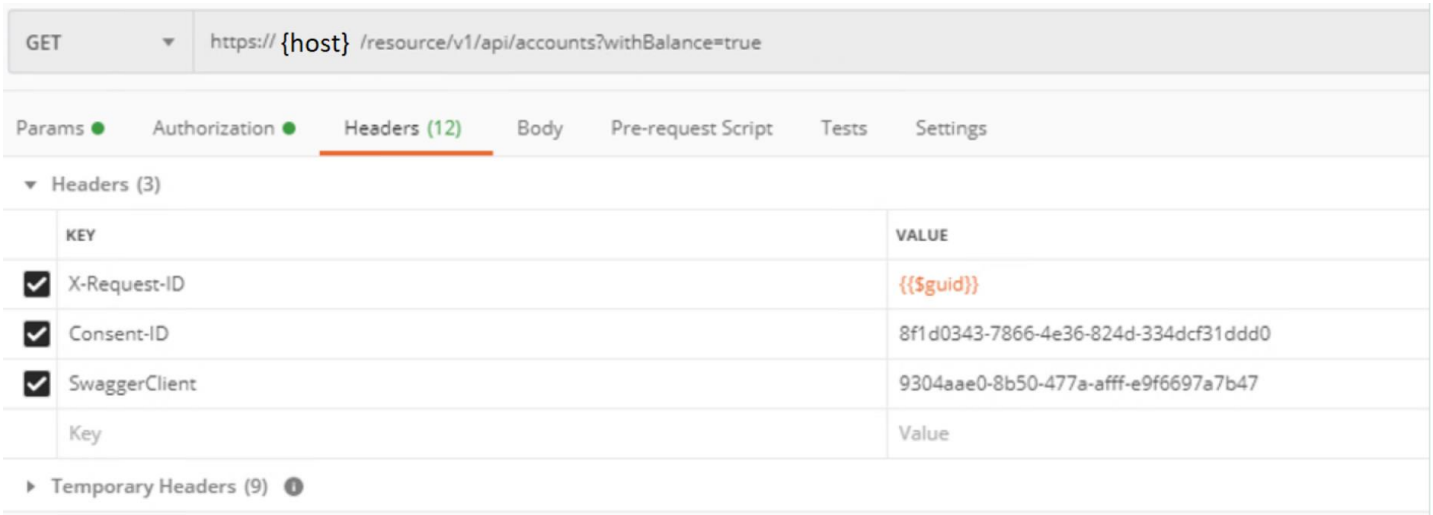
7. **Now we can use received token to get information about accounts, balances etc.**

Authorization type OAuth 2.0.



Params:

- Access Token = token received in the previous step.



Params:

- SwaggerClient = Application Key;
- X-Request-ID = ID of the request, unique to the call, as determined by the initiating party;
- Consent-ID = Consent ID received in 1. step.