



Sample dataset for Sandbox environment

- [Introduction](#)
- [Tests for Account Information Service - AIS](#)
 - [Example dataset](#)
 - [Get accounts](#)
 - [Get account](#)
 - [Get account balance](#)
 - [Get account transactions](#)
- [Tests for Payment Initiation Service - PIS](#)
 - [Initiating a payment](#)
 - [Get a payment](#)
 - [Get a payment status](#)

Introduction

In this guide, you will find the necessary dataset to test your application(s) with our open APIs in the Sandbox environment.

Tests for Account Information Service - AIS

In this Account Information Service (AIS) are included the endpoints for the following functionalities:

- Get a list of consented accounts
- Get the detail of a consented account
- Get the balances of a consented account
- Get the transactions of a consented account

Example dataset

- Username: XXXX (There is no set user, any is valid)
- Password: xxxx (There is no set password, any is valid)
- Otp : xxxx (there is no set otp, any is valid)
- Accounts linked to this user:

| Account | Currency | Interim available |
|---------|----------|-------------------|
| | | |

| | | |
|---------------------------|-----|-------------|
| PT50084804286111531120068 | EUR | 4018.50 EUR |
|---------------------------|-----|-------------|

Get accounts

GET /v1/accounts

This endpoint returns all identifiers of the accounts, to which an account access has been granted to through the /consents endpoint by the PSU.

Example

```
GET /berlingroup/v1/accounts HTTP/1.1
authorization: Bearer token
apiKey: 3d6e4c19-dca6-4c85-a507-3b9f98be9111
x-request-id: 409fe593-195c-479a-aea5-67f9ce71378a
consent-id: 5c5c4098eb964600015ba988
date: Sun, 06 Aug 2017 15:05:37 GMT
digest: SHA-256=47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com,OU=DxP,O=SBS,L=
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIIQfXQEi4+5Cwwl
```

Get account

GET /v1/accounts/{accountId}

Reads details about an account. It is assumed that a consent of the PSU to this access is already given and stored on the ASPSP system.

Example

```
GET /berlingroup/v1/accounts/66b14b60000000000000000000 HTTP/1.1
Authorization: Bearer token
apiKey: 3d6e4c19-dca6-4c85-a507-3b9f98be9111
x-request-id: a09b99d7-9fe0-4eef-a9aa-0894333cf63f
consent-id: 5c5c4098eb964600015ba988
date: Sun, 06 Aug 2017 15:05:37 GMT
digest: SHA-256=47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com,OU=DxP,O=SBS,L=
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIIQfXQEi4+5Cwwl
```

Get account balance

GET /v1/accounts/{accountId}/balances

Reads account data from a given account addressed by "accountId" to retrieve balances information.

Example

```
GET /berlingroup/v1/accounts/5b5981c8707ce10001c07cba/balances HTTP/1.1
authorization: Bearer token
apiKey: 3d6e4c19-dca6-4c85-a507-3b9f98be9111
x-request-id: a2c14a8d-c9b8-484e-93de-e3b454ba476d
consent-id: 5c5c4098eb964600015ba988
date: Sun, 06 Aug 2017 15:05:37 GMT
digest: SHA-256=47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com,OU=DxP,O=SBS,L=
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAY+gAwIBAgIIQfXQEi4+5Cwwl
```

Get account transactions

GET /v1/accounts/{accountId}/transactions

Reads transaction reports or transaction lists of a given account addressed by "accountId".

Example

```
GET /berlingroup/v1/accounts/5f2b2be0000000000000000000/transactions?dateFrom=2020-01-01&d
authorization: Bearer token
apiKey: 3d6e4c19-dca6-4c85-a507-3b9f98be9111
x-request-id: 80391ee1-4cb8-4ef8-a4b4-72cb81d13686
consent-id: 5c5c4098eb964600015ba988
date: Sun, 06 Aug 2017 15:05:37 GMT
digest: SHA-256=47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com,OU=DxP,O=SBS,L=
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAY+gAwIBAgIIQfXQEi4+5Cwwl
```

Tests for Payment Initiation Service - PIS

Initiating a payment

POST /v1/payments/sepa-credit-transfers

This method is used to initiate a payment. Must be sent with a JSON body.

Example requests

```
POST /v1/payments/sepa-credit-transfers HTTP/1.1
content-type: application/json;charset=UTF-8
apiKey: db12f144-9dae-4a61-be59-7beb5276ec17
digest: SHA-256=eLgt95/5RV/0AUyRiH5spV38fc0RD3D4fwKg/ApZA1k=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com, OU=DxP, O=SBS, L=
psu-ip-address: 172.193.1.1
x-request-id: edee091e-aaf8-4a17-9483-cb0a5339e7fe
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhM0+UwI
```

```
{
  "endToEndIdentification": "END-T0-END-ID",
  "instructedAmount": {
    "currency": "EUR",
    "amount": "10.50"
  },
  "debtorAccount": {
    "iban": "PT50084804286111531120068"
  },
  "creditorAddress": {
    "country": "PT",
    "street": "Main Street 1"
  },
  "creditorName": "Dupont",
  "creditorAccount": {
    "iban": "PT50003509309991803998030"
  },
  "remittanceInformationUnstructured": "free communication"
}
```

Retrieve a payment

GET /v1/payments/sepa-credit-transfers/{paymentId}

This endpoint allows to return the content of a payment object (with his paymentId).

Example

```
GET /berlingroup/v1/payments/sepa-credit-transfers/5c5c370afc5c0500011bd0c2
apiKey: db12f144-9dae-4a61-be59-7beb5276ec17
digest: SHA-256=47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com, OU=DxP, O=SBS, L=
x-request-id: ddb232ce-9f8c-4744-8c95-51b2a99b2a43
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhM0+UwI
Authorization: Bearer Token
```

Get a payment status

GET /v1/payments/sepa-credit-transfers/{paymentId}/status

This endpoint allows to get an initiated payment status on the ASPSP.

Example

```
GET /berlingroup/v1/payments/sepa-credit-transfers/5c5c370afc5c0500011bd0c2/status
digest: SHA-256=47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU=
apiKey: db12f144-9dae-4a61-be59-7beb5276ec17
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com, OU=DxP, O=SBS, L=
x-request-id: 1c054292-52d1-4512-a90c-d0a3dfc9d969
tpp-signature-certificate:-----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhM0+UwDQ
Authorization: Bearer Token
```