

Sample dataset

Sample dataset for Sandbox environment

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Introduction

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

Example dataset

- Username: 00000011
- Password: thaler
- Accounts linked to this user:

Account	Currency	Interim available	Interim booked
FR7614889000804004530249639	XPF	263707 XPF	263707 XPF
FR7614889000778204589019931	XPF	4898 XPF	4898 XPF
FR7614889000514008769014177	XPF	3377671 XPF	3377671 XPF
FR7614889000578208769020182	XPF	11433023 XPF	11433023 XPF

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

Get accounts

GET /berlingroup/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=Paris,ST=Paris,C=FR",algorithm="rsa-sha256
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIIQfXQEi4+5CwwDQYJKoZIhvcNAQELBQAwTElMakGA1UE\nBhMCRlIxXDJ
```



Get account

GET /berlingroup/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/66b14b600000000000000000 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=Paris,ST=Paris,C=FR",algorithm="rsa-sha256
tpv-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAY+gAwIBAgIIQfXQEi4+5CwwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCR1lxdj
```

Get account balance

GET /berlingroup/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=Paris,ST=Paris,C=FR",algorithm="rsa-sha256
tpv-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAY+gAwIBAgIIQfXQEi4+5CwwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCR1lxdj
```

Get account transactions

GET /berlingroup/v1/accounts/{accountId}/transactions

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

Example

```
GET /berlingroup/v1/accounts/5f2b2be00000000000000000/transactions?dateFrom=2020-01-01&dateTo=2021-10-01&bookingStatus=booked HTTP/1
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=Paris,ST=Paris,C=FR",algorithm="rsa-sha256
tpv-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAY+gAwIBAgIIQfXQEi4+5CwwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCR1lxdj
```

Tests for Payment Initiation Service - PIS

Initiating a payment

POST /berlingroup/v1/payments/{payment-product}

This method is used to initiate a payment at the **ASPSP**. This method to initiate a payment initiation at the **ASPSP** must be sent with a JSON body.

There are the following payment products available:

- sit-credit-transfers: domestic payments
- cross-border-credit-transfers: SWIFT transfer

Example requests

When {product} is `sit-credit-transfers`

```
POST /berlingroup/v1/payments/sit-credit-transfers HTTP/1.1
content-type: application/json;charset=UTF-8
apiKey: db12f144-9dae-4a61-be59-7beb5276ec17
digest: SHA-256=eLgt95/5RV/OAUyRiH5spV38fc0RD3D4fwKg/ApZA1k=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com, OU=DxP, O=SBS, L=Paris, ST=Paris, C=FR",algorithm="rsa-sha256
psu-ip-address: 172.193.1.1
x-request-id: edee091e-aaf8-4a17-9483-cb0a5339e7fe
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAY+gAwIBAgIICDVYNRhMO+UwDQYJKoZIhvcNAQELBQAwATELMakGA1UE\nBhMCRlIxZj
```

```
{
  "endToEndIdentification": "END-TO-END-ID",
  "instructedAmount": {
    "currency": "XPF",
    "amount": "10"
  },
  "debtorAccount": {
    "iban": "FR7614889000804004530249639"
  },
  "creditorAddress": {
    "country": "BE",
    "street": "Main Street 1"
  },
  "creditorName": "Dupont",
  "creditorAccount": {
    "iban": "FR7614889000778204589019931"
  },
  "remittanceInformationUnstructured": "free communication"
}
```

When {product} is cross-border-credit-transfers

```
POST /berlingroup/v1/payments/cross-border-credit-transfers HTTP/1.1
content-type: application/json;charset=UTF-8
apiKey: db12f144-9dae-4a61-be59-7beb5276ec17
digest: SHA-256=eLgt95/5RV/OAUyRiH5spV38fc0RD3D4fwKg/ApZA1k=
signature: keyId="SN=f8ef543b,CA=EMAILADDRESS=rootCA@root.com, OU=DxP, O=SBS, L=Paris, ST=Paris, C=FR",algorithm="rsa-sha256",header
psu-ip-address: 172.193.1.1
x-request-id: edee091e-aaf8-4a17-9483-cb0a5339e7fe
tpp-signature-certificate: LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSUVHVENDQXdHZ0F3SUJBZ0lJT29ZRHBmanZWRHN3RFFZSktvWk1odmNOQVFFTEJRQ
```

```
{
  "endToEndIdentification": "END-TO-END-ID",
  "instructedAmount": {
    "currency": "XPF",
    "amount": "10.50"
  },
  "debtorAccount": {
    "iban": "FR7614889000804004530249639"
  },
  "creditorAddress": {
    "country": "BE",
    "street": "Main Street 1"
  },
  "creditorName": "Dupont",
  "creditorAccount": {
    "iban": "BE63999001487608"
  },
  "remittanceInformationUnstructured": "free communication",
  "creditorContactDetails": {
    "phoneNumber": "0506070899"
  },
  "creditorAgentName": "Belcius",
  "creditorAgent": "GKCCBEBBXXX",
  "currencyOfTransfer": "EUR",
  "chargeBearer": "SHAR",
  "purposeCode": "BKDF"
}
```

...

Get a payment

GET /berlingroup/v1/payments/{payment-product}/{paymentId}

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

Example

``` http

GET /berlingroup/v1/payments/sit-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=Paris,ST=Paris,C=FR",algorithm="rsa-sha256

x-request-id: ddb232ce-9f8c-4744-8c95-51b2a99b2a43

tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhMO+UwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCR1IxUjE1

Authorization: Bearer Token

## Get a payment status

**GET /berlingroup/v1/payments/{payment-product}/{paymentId}/status**

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

### Example

GET /berlingroup/v1/payments/sit-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=Paris,ST=Paris,C=FR",algorithm="rsa-sha256

x-request-id: 1c054292-52d1-4512-a90c-d0a3dfc9d969

tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhMO+UwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCR1IxUjE1

Authorization: Bearer Token

## Initiating a periodic payment

## POST /berlingroup/v1/periodic-payments/{payment-product}

This method is used to initiate a payment at the ASPSP. This method to initiate a payment initiation at the ASPSP must be sent with a JSON body.

There are the following payment products available:

- sit-credit-transfers: domestic payments

## Example requests

When {product} is **sit-credit-transfers**

```
POST /berlingroup/v1/periodic-payments/sit-credit-transfers HTTP/1.1
content-type: application/json;charset=UTF-8
apiKey: db12f144-9dae-4a61-be59-7beb5276ec17
digest: SHA-256=eLgt95/5RV/OAUyRiH5spV38fc0RD3D4fwKg/ApZA1k=
signature: keyId="SN=4145e06efda52dc2,CA=EMAILADDRESS=rootCA@root.com, OU=DxP, O=SBS, L=Paris, ST=Paris, C=FR",algorithm="rsa-sha256
psu-ip-address: 172.193.1.1
x-request-id: edee091e-aaf8-4a17-9483-cb0a5339e7fe
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhMO+UwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCRlIx
```

```
{
 "endToEndIdentification": "END-TO-END-ID",
 "instructedAmount": {
 "currency": "XPF",
 "amount": "10"
 },
 "debtorAccount": {
 "iban": "FR7614889000804004530249639"
 },
 "creditorAddress": {
 "country": "BE",
 "street": "Main Street 1"
 },
 "creditorName": "Dupont",
 "creditorAccount": {
 "iban": "FR7614889000778204589019931"
 },
 "remittanceInformationUnstructured": "free communication",
 "startDate": "2021-08-02",
 "dayOfExecution": "12",
 "frequency": "monthly"
}
```

## Get a periodic payment

GET /berlingroup/v1/periodic-payments/{payment-product}/{paymentId}

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

### Example

```
GET /berlingroup/v1/periodic-payments/sit-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=Paris, ST=Paris, C=FR",algorithm="rsa-sha256
x-request-id: ddb232ce-9f8c-4744-8c95-51b2a99b2a43
tpp-signature-certificate: -----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhMO+UwDQYJKoZIhvcNAQELBQAwTElMAkGA1UE\nBhMCRlIx
Authorization: Bearer Token
```

## Get a periodic payment status

GET /v1/periodic-payments/{payment-product}/{paymentId}/status

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

## Example

```
GET /berlingroup/v1/periodic-payments/sit-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=Paris, ST=Paris, C=FR",algorithm="rsa-sha256
x-request-id: 1c054292-52d1-4512-a90c-d0a3dfc9d969
tpp-signature-certificate:-----BEGIN CERTIFICATE-----\nMIIERzCCAy+gAwIBAgIICDVYNRhMO+UwDQYJKoZIhvcNAQELBQAwaTElMAkGA1UE\nBhMCRLlXDJJA
Authorization: Bearer Token
```