

Payments API design

Create a payment

POST /payment

Example request

POST /payment

```
{
  "type": "Payment",
  "id": "4ee3a8d8-ca7b-4290-a52c-dd5b6165ec43",
  "version": 0,
  "organisation_id": "743d5b63-8e6f-432e-a8fa-c5d8d2ee5fcb",
  "attributes": {
    "amount": "100.21",
    "beneficiary_party": {
      "account_name": "W Owens",
      "account_number": "31926819",
      "account_number_code": "BBAN",
      "bank_id": "403000"
    },
    "currency": "GBP",
    "debtor_party": {
      "account_name": "EJ Brown Black",
      "account_number": "GB29XABC10161234567801",
      "account_number_code": "IBAN",
      "bank_id": "203301"
    },
    "end_to_end_reference": "Wil piano Jan",
    "fx": {
      "exchange_rate": "2.00000",
      "original_amount": "200.42",
      "original_currency": "USD"
    },
    "payment_id": "123456789012345678",
    "payment_purpose": "Paying for goods/services",
    "payment_scheme": "FPS",
    "processing_date": "2017-01-18"
  }
}
```

Response status code

201 - payment created

400 - invalid payment details submitted

Retrieve a payment

GET /payment/{id}

Arguments

id - id of the payment to retrieve

Example request

GET /payment/4ee3a8d8-ca7b-4290-a52c-dd5b6165ec43

Response status code

200 - request successful

404 - no payment details found for id specified

Example response body

```
{
  "type": "Payment",
  "id": "4ee3a8d8-ca7b-4290-a52c-dd5b6165ec43",
  "version": 0,
  "organisation_id": "743d5b63-8e6f-432e-a8fa-c5d8d2ee5fcb",
  "attributes": {
    "amount": "100.21",
    "beneficiary_party": {
      "account_name": "W Owens",
      "account_number": "31926819",
      "account_number_code": "BBAN",
      "bank_id": "403000"
    },
    "currency": "GBP",
    "debtor_party": {
      "account_name": "EJ Brown Black",
      "account_number": "GB29XABC10161234567801",
      "account_number_code": "IBAN",
      "bank_id": "203301"
    },
    "end_to_end_reference": "Wil piano Jan",
    "fx": {
      "exchange_rate": "2.00000",
      "original_amount": "200.42",
      "original_currency": "USD"
    },
    "payment_id": "123456789012345678",
    "payment_purpose": "Paying for goods/services",
    "payment_scheme": "FPS",
    "processing_date": "2017-01-18"
  }
}
```

Update a payment

PATCH /payment/{id}

Arguments

id - id of the payment to update

Request body

```
{
  "op": "replace",
  "path": "<JSON path to attribute to update>",
  "value": "<new value for the attribute>"
}
```

Example request

```
PATCH /payment/4ee3a8d8-ca7b-4290-a52c-dd5b6165ec43
{
  "op": "replace",
  "path": "/attributes/end_to_end_reference",
  "value": "new reference"
}
```

Response status code

200 - payment successfully updated

400 - invalid request to update payment

Delete a payment

DELETE /payment/{id}

Arguments

id - id of the payment to delete

Example request

```
DELETE /payment/4ee3a8d8-ca7b-4290-a52c-dd5b6165ec43
```

Response HTTP code

204 - payment successfully deleted

404 - no payment for id specified

Retrieve all payments

GET /payments

Example response body

```
{
  "data":
  [
    {
      "type": "Payment",
      "id": "4ee3a8d8-ca7b-4290-a52c-dd5b6165ec43",
      "version": 0,
      "organisation_id": "743d5b63-8e6f-432e-a8fa-c5d8d2ee5fcb",
      ...
    },
    {
      "type": "Payment",
      "id": "4ee3a8d8-ca7b-4290-a52c-dd5b6165ec44",
      "version": 0,
      "organisation_id": "743d5b63-8e6f-432e-a8fa-c5d8d2ee5fcb",
      ...
    },
    {
      "type": "Payment",
      "id": "4ee3a8d8-ca7b-4290-a52c-dd5b6165ec45",
      "version": 0,
      "organisation_id": "743d5b63-8e6f-432e-a8fa-c5d8d2ee5fcb",
      ...
    }
  ]
}
```

Response HTTP code

200 - request successful