



GetPaymentStatus

This document includes information exported from the ISO 20022 web site(<http://www.iso20022.org>).

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1 GetPaymentStatus

1.1 API Functionality

Returns payment status that the NPP Participant made accessible to the client.

Outline

The GetPaymentStatus API is composed of 2 BuildingBlocks:

- A. Request
HTTP request sent by the API client
- B. Response
HTTP response returned by server.

1.2 Structure

| Or | Element/BuildingBlock | Mult. | Type | Constr. No. | Page |
|----|-------------------------------------|--------|----------|-------------|------|
| | <i>Root</i> | [1..1] | | | |
| | Request | [0..1] | | | 3 |
| | TransactionIdentification | [1..1] | Text | | 4 |
| | Response | [0..1] | | | 4 |
| | TransactionStatus | [1..1] | CodeSet | | 4 |
| | TransactionStatusReasonCode | [0..1] | CodeSet | | 4 |
| | TransactionStatusDescription | [0..1] | Text | | 4 |
| | InstructionIdentification | [1..1] | Text | | 5 |
| | AcceptanceDateTime | [0..1] | DateTime | | 5 |
| | ServiceAccessToken | [0..1] | Text | | 5 |
| | ReturnIdentification | [0..1] | Text | | 5 |

1.3 Building Blocks

This chapter describes the BuildingBlocks of this API.

1.3.1 Request

Presence: [0..1]

Definition: HTTP request sent by the API client

Request contains the following **PaymentStatusRequest2** elements

| Or | Element | Mult. | Type | Constr. No. | Page |
|----|---------------------------|--------|------|-------------|------|
| | TransactionIdentification | [1..1] | Text | | 4 |

1.3.1.1 TransactionIdentification

Presence: [1..1]

Definition: Unique identification of a payment transaction or a return transaction.

Datatype: "Max35Text" on page 7

1.3.2 Response

Presence: [0..1]

Definition: HTTP response returned by server.

Response contains the following **PaymentStatusResponse4** elements

| Or | Element | Mult. | Type | Constr. No. | Page |
|----|------------------------------|--------|----------|-------------|------|
| | TransactionStatus | [1..1] | CodeSet | | 4 |
| | TransactionStatusReasonCode | [0..1] | CodeSet | | 4 |
| | TransactionStatusDescription | [0..1] | Text | | 4 |
| | InstructionIdentification | [1..1] | Text | | 5 |
| | AcceptanceDateTime | [0..1] | DateTime | | 5 |
| | ServiceAccessToken | [0..1] | Text | | 5 |
| | ReturnIdentification | [0..1] | Text | | 5 |

1.3.2.1 TransactionStatus

Presence: [1..1]

Definition: Specifies the status of a payment or return transaction, in a coded form.

Datatype: "ExternalPaymentTransactionStatus1Code" on page 6

1.3.2.2 TransactionStatusReasonCode

Presence: [0..1]

Definition: Reason for the status, as published in an external reason code list.

Datatype: "ExternalStatusReason1Code" on page 6

1.3.2.3 TransactionStatusDescription

Presence: [0..1]

Definition: Further details on the status reason.

Usage: Additional information can be used for several purposes such as the reporting of repaired information.

Datatype: "Max105Text" on page 7

1.3.2.4 InstructionIdentification

Presence: [1..1]

Definition: Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction.

Datatype: "Max35Text" on page 7

1.3.2.5 AcceptanceDateTime

Presence: [0..1]

Definition: Point in time when the payment order from the initiating party meets the processing conditions of the account servicing agent. This means that the account servicing agent has received the payment order and has applied checks such as authorisation, availability of funds.

Datatype: "ISODateTime" on page 6

1.3.2.6 ServiceAccessToken

Presence: [0..1]

Definition: Token generated by Financial Institution to provide time limited attestation of customer authentication.

Datatype: "Max2048Text" on page 7

1.3.2.7 ReturnIdentification

Presence: [0..1]

Definition: Unique transaction identification, as assigned when an associated payment return transaction has been returned.

Datatype: "Max35Text" on page 7

2 Types

2.1 Datatypes

2.1.1 CodeSet

2.1.1.1 ExternalPaymentTransactionStatus1Code

Definition: Specifies the status of an individual payment instructions, as published in an external payment transaction status code set.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

| | |
|-----------|---|
| minLength | 1 |
| maxLength | 4 |

2.1.1.2 ExternalStatusReason1Code

Definition: Specifies the status reason, as published in an external status reason code list.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

| | |
|-----------|---|
| minLength | 1 |
| maxLength | 4 |

2.1.2 DateTime

2.1.2.1 ISODateTime

Definition: A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MM-DDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm), or local time format (YYYY-MM-DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Note on the time format:

1) beginning / end of calendar day

00:00:00 = the beginning of a calendar day

24:00:00 = the end of a calendar day

2) fractions of second in time format

Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.

Type: DateTime

2.1.3 Text

2.1.3.1 Max105Text

Definition: Specifies a character string with a maximum length of 105 characters.

Type: Text

Format

| | |
|-----------|-----|
| minLength | 1 |
| maxLength | 105 |

2.1.3.2 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

| | |
|-----------|------|
| minLength | 1 |
| maxLength | 2048 |

2.1.3.3 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

| | |
|-----------|----|
| minLength | 1 |
| maxLength | 35 |

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