



BatchPaymentStatus

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

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1 BatchPaymentStatus

1.1 API Functionality

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

Outline

The BatchPaymentStatus 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]			4
	BatchIdentification	[1..1]	Text		4
	Response	[0..1]			4
	PaymentStatusDetails	[1..1]			5
	BatchIdentification	[1..1]	Text		5
	BatchStatus	[1..1]	CodeSet		5
	BatchStatusReasonCode	[0..1]	CodeSet		5
	BatchStatusDescription	[0..1]	Text		5
	TransactionStatusDetails	[0..*]			6
	InstructionIdentification	[1..1]	Text		6
	TransactionStatus	[1..1]	CodeSet		6
	TransactionStatusReasonCode	[0..1]	CodeSet		6
	TransactionStatusDescription	[0..1]	Text		6
	TransactionIdentification	[0..1]	Text		7
	AcceptanceDateTime	[0..1]	DateTime		7
	ServiceAccessToken	[0..1]	Text		7

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 **PaymentStatusRequest3** elements

Or	Element	Mult.	Type	Constr. No.	Page
	BatchIdentification	[1..1]	Text		4

1.3.1.1 BatchIdentification

Presence: [1..1]

Definition: Unique identification, as assigned by the first instructing agent, to unambiguously identify a batch submission of one or more payment requests.

Datatype: "Max35Text" on page 9

1.3.2 Response

Presence: [0..1]

Definition: HTTP response returned by server.

Response contains the following **PaymentStatusResponse3** elements

Or	Element	Mult.	Type	Constr. No.	Page
	PaymentStatusDetails	[1..1]			5
	BatchIdentification	[1..1]	Text		5
	BatchStatus	[1..1]	CodeSet		5
	BatchStatusReasonCode	[0..1]	CodeSet		5
	BatchStatusDescription	[0..1]	Text		5
	TransactionStatusDetails	[0..*]			6
	InstructionIdentification	[1..1]	Text		6
	TransactionStatus	[1..1]	CodeSet		6
	TransactionStatusReasonCode	[0..1]	CodeSet		6
	TransactionStatusDescription	[0..1]	Text		6
	TransactionIdentification	[0..1]	Text		7
	AcceptanceDateTime	[0..1]	DateTime		7
	ServiceAccessToken	[0..1]	Text		7

1.3.2.1 PaymentStatusDetails

Presence: [1..1]

Definition: Details concerning the status of the individual transactions.

PaymentStatusDetails contains the following **APIPaymentStatus1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	BatchIdentification	[1..1]	Text		5
	BatchStatus	[1..1]	CodeSet		5
	BatchStatusReasonCode	[0..1]	CodeSet		5
	BatchStatusDescription	[0..1]	Text		5
	TransactionStatusDetails	[0..*]			6
	InstructionIdentification	[1..1]	Text		6
	TransactionStatus	[1..1]	CodeSet		6
	TransactionStatusReasonCode	[0..1]	CodeSet		6
	TransactionStatusDescription	[0..1]	Text		6
	TransactionIdentification	[0..1]	Text		7
	AcceptanceDateTime	[0..1]	DateTime		7

1.3.2.1.1 BatchIdentification

Presence: [1..1]

Definition: Unique identification, as assigned in the API submission to unambiguously identify the original payment batch.

Datatype: "Max35Text" on page 9

1.3.2.1.2 BatchStatus

Presence: [1..1]

Definition: Specifies the status of the payment batch.

Datatype: "ExternalPaymentGroupStatus1Code" on page 8

1.3.2.1.3 BatchStatusReasonCode

Presence: [0..1]

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

Datatype: "ExternalStatusReason1Code" on page 8

1.3.2.1.4 BatchStatusDescription

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 9

1.3.2.1.5 TransactionStatusDetails

Presence: [0..*]

Definition: Details concerning the status of the individual transactions.

TransactionStatusDetails contains the following **APITransactionStatus1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	InstructionIdentification	[1..1]	Text		6
	TransactionStatus	[1..1]	CodeSet		6
	TransactionStatusReasonCode	[0..1]	CodeSet		6
	TransactionStatusDescription	[0..1]	Text		6
	TransactionIdentification	[0..1]	Text		7
	AcceptanceDateTime	[0..1]	DateTime		7

1.3.2.1.5.1 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 9

1.3.2.1.5.2 TransactionStatus

Presence: [1..1]

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

Datatype: "ExternalPaymentTransactionStatus1Code" on page 8

1.3.2.1.5.3 TransactionStatusReasonCode

Presence: [0..1]

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

Datatype: "ExternalStatusReason1Code" on page 8

1.3.2.1.5.4 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 9

1.3.2.1.5.5 TransactionIdentification

Presence: [0..1]

Definition: Unique identification, as assigned by the first instructing agent, to unambiguously identify the transaction that is passed on, unchanged, throughout the entire interbank chain.

Datatype: "Max35Text" on page 9

1.3.2.1.5.6 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 9

1.3.2.2 ServiceAccessToken

Presence: [0..1]

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

Datatype: "Max2048Text" on page 9

2 Types

2.1 Datatypes

2.1.1 CodeSet

2.1.1.1 ExternalPaymentGroupStatus1Code

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

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

Type: CodeSet

Format

minLength	1
maxLength	4

2.1.1.2 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

2.1.1.3 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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