



ReturnPayment

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1 ReturnPayment

1.1 API Functionality

The API allows a NPP Participant client (customer or Overlay Service Provider) to request the NPP Participant to return a previously received payment.

Outline

The ReturnPayment API is composed of 2 BuildingBlocks:

A. Request

HTTP request sent by the API Client.

B. Response

HTTP response to customer payment return request.

1.2 Structure

Or	Element/BuildingBlock	Mult.	Type	Constr. No.	Page
	<i>Root</i>	[1..1]			
	Request	[0..1]			5
	CreationDateTime	[1..1]	DateTime		5
	CasIdIdentification	[0..1]	Text		5
	OriginalInstructionIdentification	[1..1]	Text		5
	OriginalEndToEndIdentification	[1..1]	Text		6
	OriginalTransactionIdentification	[0..1]	Text		6
	ServiceLevel	[0..1]	Text		6
	ReturnReasonCode	[1..1]	CodeSet		6
	ReturnReasonNarration	[0..1]	Text		6
	OriginalInstructedAmount	[0..1]	Amount	C1, C2	6
	OriginalDebtorName	[1..1]	Text		7
	OriginalCreditorName	[1..1]	Text		7
	Response	[0..1]			7
	ReturnStatus	[1..1]	CodeSet		7
	ReturnStatusReasonCode	[0..1]	CodeSet		7
	ReturnStatusDescription	[0..1]	Text		8
	ReturnIdentification	[0..1]	Text		8
	AcceptanceDateTime	[0..1]	DateTime		8
	CasIdIdentification	[0..1]	Text		8

1.3 Constraints

C1 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C2 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

1.4 Building Blocks

This chapter describes the BuildingBlocks of this API.

1.4.1 Request

Presence: [0..1]

Definition: HTTP request sent by the API Client.

Request contains the following **PaymentReturnRequest1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	CreationDateTime	[1..1]	DateTime		5
	CasIdentification	[0..1]	Text		5
	OriginalInstructionIdentification	[1..1]	Text		5
	OriginalEndToEndIdentification	[1..1]	Text		6
	OriginalTransactionIdentification	[0..1]	Text		6
	ServiceLevel	[0..1]	Text		6
	ReturnReasonCode	[1..1]	CodeSet		6
	ReturnReasonNarration	[0..1]	Text		6
	OriginalInstructedAmount	[0..1]	Amount	C1, C2	6
	OriginalDebtorName	[1..1]	Text		7
	OriginalCreditorName	[1..1]	Text		7

1.4.1.1 CreationDateTime

Presence: [1..1]

Definition: Date and time at which the request was created.

Datatype: "ISODatetime" on page 10

1.4.1.2 CasIdentification

Presence: [0..1]

Definition: Uniquely identifies the case.

Datatype: "Max35Text" on page 11

1.4.1.3 OriginalInstructionIdentification

Presence: [1..1]

Definition: Unique instruction identification, as assigned for the original payment that is being returned.

Datatype: "Max35Text" on page 11

1.4.1.4 OriginalEndToEndIdentification

Presence: [1..1]

Definition: Unique end-to-end identification, as assigned for the original payment that is being returned.

Datatype: "Max35Text" on page 11

1.4.1.5 OriginalTransactionIdentification

Presence: [0..1]

Definition: Unique transaction identification, as assigned for the original payment that is being returned.

Datatype: "Max35Text" on page 11

1.4.1.6 ServiceLevel

Presence: [0..1]

Definition: Specifies a pre-agreed service or level of service between the parties, as a proprietary code.

Datatype: "Max35Text" on page 11

1.4.1.7 ReturnReasonCode

Presence: [1..1]

Definition: Reason for the return request, in a coded form.

Datatype: "ExternalCancellationReason1Code" on page 10

1.4.1.8 ReturnReasonNarration

Presence: [0..1]

Definition: Reason for the return request, in a proprietary form.

Datatype: "Max35Text" on page 11

1.4.1.9 OriginalInstructedAmount

Presence: [0..1]

Definition: Amount of money, as provided in the original transaction, to be moved between the debtor and the creditor, before deduction of charges, expressed in the currency, as ordered by the original initiating party.

Usage: This amount has to be transported unchanged through the transaction chain.

Impacted by: C1 "ActiveOrHistoricCurrency", C2 "CurrencyAmount"

Datatype: "ActiveOrHistoricCurrencyAndAmount" on page 9

Constraints

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3)

contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

1.4.1.10 OriginalDebtorName

Presence: [1..1]

Definition: Name of Debtor as provided in the original payment instruction.

Datatype: "Max140Text" on page 11

1.4.1.11 OriginalCreditorName

Presence: [1..1]

Definition: Name of Creditor as provided in the original payment instruction.

Datatype: "Max140Text" on page 11

1.4.2 Response

Presence: [0..1]

Definition: HTTP response to customer payment return request.

Response contains the following **PaymentReturnResponse2** elements

Or	Element	Mult.	Type	Constr. No.	Page
	ReturnStatus	[1..1]	CodeSet		7
	ReturnStatusReasonCode	[0..1]	CodeSet		7
	ReturnStatusDescription	[0..1]	Text		8
	ReturnIdentification	[0..1]	Text		8
	AcceptanceDateTime	[0..1]	DateTime		8
	CasIdentification	[0..1]	Text		8

1.4.2.1 ReturnStatus

Presence: [1..1]

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

Datatype: "ExternalPaymentTransactionStatus1Code" on page 10

1.4.2.2 ReturnStatusReasonCode

Presence: [0..1]

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

Datatype: "ExternalStatusReason1Code" on page 10

1.4.2.3 ReturnStatusDescription

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 11

1.4.2.4 ReturnIdentification

Presence: [0..1]

Definition: Unique identification of the return transaction.

Datatype: "Max35Text" on page 11

1.4.2.5 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 10

1.4.2.6 CaseIdentification

Presence: [0..1]

Definition: Uniquely identifies the case.

Datatype: "Max35Text" on page 11

2 Types

2.1 Datatypes

2.1.1 Amount

2.1.1.1 ActiveOrHistoricCurrencyAndAmount

Definition: A number of monetary units specified in an active or a historic currency where the unit of currency is explicit and compliant with ISO 4217.

Type: Amount

This data type contains the following attribute:

Name	Datatype
Currency	"ActiveOrHistoricCurrencyCode" on page 9

Format

minInclusive	0
totalDigits	18
fractionDigits	5

Constraints

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

2.1.2 CodeSet

2.1.2.1 ActiveOrHistoricCurrencyCode

Definition: A code allocated to a currency by a Maintenance Agency under an international identification scheme, as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds".

Type: CodeSet

Format

pattern	[A-Z]{3,3}
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Constraints

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

2.1.2.2 ExternalCancellationReason1Code

Definition: Specifies the cancellation reason, as published in an external cancellation reason code set.

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

Type: CodeSet

Format

minLength	1
maxLength	4

2.1.2.3 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

2.1.2.4 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

2.1.3 DateTime**2.1.3.1 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

2.1.4 Text

2.1.4.1 Max105Text

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

Type: Text

Format

minLength	1
maxLength	105

2.1.4.2 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

2.1.4.3 Max35Text

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

Type: Text

Format

minLength	1
maxLength	35

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