



BatchPaymentInitiation

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1 BatchPaymentInitiation

1.1 API Functionality

The API allows a NPP Participant client (customer or Overlay Service Provider) to request the NPP Participant to create a new batch payment initiation resource.

This instructs the NPP Participant to initiate one or more interbank payments as individual debits or as a single batch debit. The NPP Participant client is expected to verify and finalise the payment request(s) for clearing and settlement through NPP.

Outline

The BatchPaymentInitiation API is composed of 2 BuildingBlocks:

A. Request

HTTP request sent by the API Client.

B. Response

HTTP response to OSP (Overlay Service Provider) for a customer credit transfer initiation request.

1.2 Structure

Or	Element/BuildingBlock	Mult.	Type	Constr. No.	Page
	<i>Root</i>	[1..1]			
	Request	[0..1]		C7, C8, C9	6
	CreationDateTime	[1..1]	DateTime		8
	InitiatingPartyName	[1..1]	Text		8
	InitiatingPartyBIC	[0..1]	IdentifierSet	C2	8
	InitiatingPartyABN	[0..1]	IdentifierSet		9
	ForwardingAgentBIC	[0..1]	IdentifierSet	C2	9
	PaymentDetails	[1..*]			9
	BatchIdentification	[1..1]	Text		11
	InstructionPriority	[0..1]	CodeSet		11
	BatchBooking	[0..1]	Indicator		11
	ServiceLevel	[0..1]	Text		11
	InitiationServiceLevel	[0..1]	Text		11
	LocalInstrument	[0..1]	CodeSet		11
	CategoryPurpose	[0..1]	CodeSet		12
	RequestedExecutionDate	[1..1]	Date		12
	DebtorName	[1..1]	Text		12
	DebtorAliasType	[0..1]	CodeSet		12
	DebtorAliasValue	[0..1]	Text		12
	DebtorAccountIdentification	[0..1]	Text		12
	DebtorAccountType	[0..1]	CodeSet		12
	DebtorAgentBIC	[0..1]	IdentifierSet	C2	13
	TransactionDetails	[1..*]		C3, C4, C5	13
	InstructionIdentification	[1..1]	Text		14
	EndToEndIdentification	[1..1]	Text		14
	InstructedAmount	[1..1]	Amount	C1, C6	14
	CreditorName	[1..1]	Text		15
	CreditorAliasType	[0..1]	CodeSet		15
	CreditorAliasValue	[0..1]	Text		15

Or	Element/BuildingBlock	Mult.	Type	Constr. No.	Page
	CreditorAccountIdentification	[0..1]	Text		15
	CreditorAccountType	[0..1]	CodeSet		15
	CreditorAgentBIC	[0..1]	IdentifierSet	C2	15
	CreditorReference	[0..1]	Text		16
	UniqueSuperannuationIdentification	[0..1]	Text		16
	RemittanceReferredDocumentType	[0..1]	Text		16
	RemittanceReferredDocumentNumber	[0..1]	Text		16
	RemittanceReferredRelatedDate	[0..1]	Date		16
	RemittanceInformationUnstructured	[0..2]	Text		16
	Response	[0..1]			17
	GroupStatus	[1..1]	CodeSet		17
	GroupStatusReasonCode	[0..1]	CodeSet		18
	GroupStatusDescription	[0..1]	Text		18
	PaymentStatusDetails	[0..*]			18
	BatchIdentification	[1..1]	Text		18
	BatchStatus	[1..1]	CodeSet		18
	BatchStatusReasonCode	[0..1]	CodeSet		19
	BatchStatusDescription	[0..1]	Text		19
	TransactionStatusDetails	[0..*]			19
	InstructionIdentification	[1..1]	Text		19
	TransactionStatus	[1..1]	CodeSet		19
	TransactionStatusReasonCode	[0..1]	CodeSet		19
	TransactionStatusDescription	[0..1]	Text		20
	TransactionIdentification	[0..1]	Text		20
	AcceptanceDateTime	[0..1]	DateTime		20
	ServiceAccessToken	[0..1]	Text		20

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 AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

C3 CreditorAccountIdentificationRule

Either /CreditorAliasValue or /CreditorAccountIdentification must be present.

C4 CreditorAccountTypeRule

If /CreditorAccountType is present then /CreditorAccountIdentification must be present.

C5 CreditorAliasTypeRule

If /CreditorAliasType is present then /CreditorAliasValue must be present.

C6 CurrencyAmount

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

Note: The decimal separator is a dot.

C7 DebtorAccountIdentificationRule

Either /DebtorAliasValue or /DebtorAccountIdentification must be present.

C8 DebtorAccountTypeRule

If /DebtorAccountType is present then /DebtorAccountIdentification must be present.

C9 DebtorAliasTypeRule

If /DebtorAliasType is present then /DebtorAliasValue must be present.

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.

Impacted by: C7 "DebtorAccountIdentificationRule", C8 "DebtorAccountTypeRule", C9 "DebtorAliasTypeRule"

Request contains the following **PaymentSubmissionRequest5** elements

Or	Element	Mult.	Type	Constr. No.	Page
	CreationDateTime	[1..1]	DateTime		8
	InitiatingPartyName	[1..1]	Text		8
	InitiatingPartyBIC	[0..1]	IdentifierSet	C2	8
	InitiatingPartyABN	[0..1]	IdentifierSet		9
	ForwardingAgentBIC	[0..1]	IdentifierSet	C2	9
	PaymentDetails	[1..*]			9
	BatchIdentification	[1..1]	Text		11
	InstructionPriority	[0..1]	CodeSet		11
	BatchBooking	[0..1]	Indicator		11
	ServiceLevel	[0..1]	Text		11
	InitiationServiceLevel	[0..1]	Text		11
	LocalInstrument	[0..1]	CodeSet		11
	CategoryPurpose	[0..1]	CodeSet		12
	RequestedExecutionDate	[1..1]	Date		12
	DebtorName	[1..1]	Text		12
	DebtorAliasType	[0..1]	CodeSet		12
	DebtorAliasValue	[0..1]	Text		12
	DebtorAccountIdentification	[0..1]	Text		12
	DebtorAccountType	[0..1]	CodeSet		12
	DebtorAgentBIC	[0..1]	IdentifierSet	C2	13
	TransactionDetails	[1..*]		C3, C4, C5	13
	InstructionIdentification	[1..1]	Text		14
	EndToEndIdentification	[1..1]	Text		14
	InstructedAmount	[1..1]	Amount	C1, C6	14
	CreditorName	[1..1]	Text		15
	CreditorAliasType	[0..1]	CodeSet		15
	CreditorAliasValue	[0..1]	Text		15
	CreditorAccountIdentification	[0..1]	Text		15
	CreditorAccountType	[0..1]	CodeSet		15
	CreditorAgentBIC	[0..1]	IdentifierSet	C2	15

Or	Element	Mult.	Type	Constr. No.	Page
	CreditorReference	[0..1]	Text		16
	UniqueSuperannuationIdentification	[0..1]	Text		16
	RemittanceReferredDocumentType	[0..1]	Text		16
	RemittanceReferredDocumentNumber	[0..1]	Text		16
	RemittanceReferredRelatedDate	[0..1]	Date		16
	RemittanceInformationUnstructured	[0..2]	Text		16

Constraints

- **DebtorAccountIdentificationRule**

Either /DebtorAliasValue or /DebtorAccountIdentification must be present.

Following Must be True

/PaymentDetails[*]/DebtorAliasValue Must be present

Or /PaymentDetails[*]/DebtorAccountIdentification Must be present

- **DebtorAccountTypeRule**

If /DebtorAccountType is present then /DebtorAccountIdentification must be present.

On Condition

/PaymentDetails[*]/DebtorAccountType is present

Following Must be True

/PaymentDetails[*]/DebtorAccountIdentification Must be present

- **DebtorAliasTypeRule**

If /DebtorAliasType is present then /DebtorAliasValue must be present.

On Condition

/PaymentDetails[*]/DebtorAliasType is present

Following Must be True

/PaymentDetails[*]/DebtorAliasValue Must be present

1.4.1.1 CreationDateTime

Presence: [1..1]

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

Datatype: "ISODateTime" on page 24

1.4.1.2 InitiatingPartyName

Presence: [1..1]

Definition: Name by which the Initiating Party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 25

1.4.1.3 InitiatingPartyBIC

Presence: [0..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICIdentifier" on page 25

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

1.4.1.4 InitiatingPartyABN

Presence: [0..1]

Definition: Australian Business Number (ABN) issued by the Australian Business Register (ABR) operated by the Australian Taxation Office (ATO).

Datatype: "ABNIdentifier" on page 24

1.4.1.5 ForwardingAgentBIC

Presence: [0..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Usage: Used to indicate the Initiating Agent.

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICIdentifier" on page 25

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

1.4.1.6 PaymentDetails

Presence: [1..*]

Definition: Information related to the individual payments with a single API submission.

PaymentDetails contains the following **APIPaymentDetails1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	BatchIdentification	[1..1]	Text		11
	InstructionPriority	[0..1]	CodeSet		11
	BatchBooking	[0..1]	Indicator		11
	ServiceLevel	[0..1]	Text		11
	InitiationServiceLevel	[0..1]	Text		11
	LocalInstrument	[0..1]	CodeSet		11
	CategoryPurpose	[0..1]	CodeSet		12
	RequestedExecutionDate	[1..1]	Date		12
	DebtorName	[1..1]	Text		12
	DebtorAliasType	[0..1]	CodeSet		12
	DebtorAliasValue	[0..1]	Text		12
	DebtorAccountIdentification	[0..1]	Text		12
	DebtorAccountType	[0..1]	CodeSet		12
	DebtorAgentBIC	[0..1]	IdentifierSet	C2	13
	TransactionDetails	[1..*]		C3, C4, C5	13
	InstructionIdentification	[1..1]	Text		14
	EndToEndIdentification	[1..1]	Text		14
	InstructedAmount	[1..1]	Amount	C1, C6	14
	CreditorName	[1..1]	Text		15
	CreditorAliasType	[0..1]	CodeSet		15
	CreditorAliasValue	[0..1]	Text		15
	CreditorAccountIdentification	[0..1]	Text		15
	CreditorAccountType	[0..1]	CodeSet		15
	CreditorAgentBIC	[0..1]	IdentifierSet	C2	15
	CreditorReference	[0..1]	Text		16
	UniqueSuperannuationIdentification	[0..1]	Text		16
	RemittanceReferredDocumentType	[0..1]	Text		16
	RemittanceReferredDocumentNumber	[0..1]	Text		16
	RemittanceReferredRelatedDate	[0..1]	Date		16
	RemittanceInformationUnstructured	[0..2]	Text		16

1.4.1.6.1 BatchIdentification

Presence: [1..1]

Definition: Unique identification, as assigned by a sending party, to unambiguously identify the payment batch within the message.

Datatype: "Max35Text" on page 26

1.4.1.6.2 InstructionPriority

Presence: [0..1]

Definition: Indicator of the urgency or order of importance that the instructing party would like the instructed party to apply to the processing of the instruction.

Datatype: "Priority2Code" on page 23

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

1.4.1.6.3 BatchBooking

Presence: [0..1]

Definition: Identifies whether a single entry per individual transaction or a batch entry for the sum of the amounts of all transactions within the group of a message is requested.

Usage: Batch booking is used to request and not order a possible batch booking.

Datatype: One of the following values must be used (see "BatchBookingIndicator" on page 25):

- *Meaning When True:* Identifies that a batch entry for the sum of the amounts of all transactions in the batch or message is requested.
- *Meaning When False:* Identifies that a single entry for each of the transactions in the batch or message is requested.

1.4.1.6.4 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 26

1.4.1.6.5 InitiationServiceLevel

Presence: [0..1]

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

Datatype: "Max35Text" on page 26

1.4.1.6.6 LocalInstrument

Presence: [0..1]

Definition: Specifies the local instrument, as published in an external local instrument code list.

Datatype: "ExternalLocalInstrument1Code" on page 22

1.4.1.6.7 CategoryPurpose

Presence: [0..1]

Definition: Category purpose, as published in an external category purpose code list.

SALA = Salary Payment

TAXS = PAYG Tax Payment

PENS = Superannuation Payment

Datatype: "ExternalCategoryPurpose1Code" on page 22

1.4.1.6.8 RequestedExecutionDate

Presence: [1..1]

Definition: Specified date.

Datatype: "ISODate" on page 24

1.4.1.6.9 DebtorName

Presence: [1..1]

Definition: Name by which a party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 25

1.4.1.6.10 DebtorAliasType

Presence: [0..1]

Definition: Contains the type of Alias Identifier. E.g. an email, a phone number or an Australian Business

Number.

Datatype: "ExternalAliasType1Code" on page 22

1.4.1.6.11 DebtorAliasValue

Presence: [0..1]

Definition: Contains the actual value for the supplied type, so an email address, a phone number etc.

Datatype: "Max2048Text" on page 26

1.4.1.6.12 DebtorAccountIdentification

Presence: [0..1]

Definition: Unique and unambiguous identification for the account between the account owner and the account servicer.

Datatype: "Max34Text" on page 26

1.4.1.6.13 DebtorAccountType

Presence: [0..1]

Definition: Name of the account identification identification scheme, in a coded form as published in an external list.

Datatype: "ExternalAccountIdentification1Code" on page 22

1.4.1.6.14 DebtorAgentBIC

Presence: [0..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICIdentifier" on page 25

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

1.4.1.6.15 TransactionDetails

Presence: [1..*]

Definition: Information related to the individual transaction within a payment.

Impacted by: C3 "CreditorAccountIdentificationRule", C4 "CreditorAccountTypeRule", C5 "CreditorAliasTypeRule"

TransactionDetails contains the following **APITransactionDetails1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	InstructionIdentification	[1..1]	Text		14
	EndToEndIdentification	[1..1]	Text		14
	InstructedAmount	[1..1]	Amount	C1, C6	14
	CreditorName	[1..1]	Text		15
	CreditorAliasType	[0..1]	CodeSet		15
	CreditorAliasValue	[0..1]	Text		15
	CreditorAccountIdentification	[0..1]	Text		15
	CreditorAccountType	[0..1]	CodeSet		15
	CreditorAgentBIC	[0..1]	IdentifierSet	C2	15
	CreditorReference	[0..1]	Text		16
	UniqueSuperannuationIdentification	[0..1]	Text		16
	RemittanceReferredDocumentType	[0..1]	Text		16
	RemittanceReferredDocumentNumber	[0..1]	Text		16
	RemittanceReferredRelatedDate	[0..1]	Date		16
	RemittanceInformationUnstructured	[0..2]	Text		16

Constraints

- **CreditorAccountIdentificationRule**

Either /CreditorAliasValue or /CreditorAccountIdentification must be present.

Following Must be True

/CreditorAliasValue Must be present

Or /CreditorAccountIdentification Must be present

- **CreditorAccountTypeRule**

If /CreditorAccountType is present then /CreditorAccountIdentification must be present.

On Condition

/CreditorAccountType is present

Following Must be True

/CreditorAccountIdentification Must be present

- **CreditorAliasTypeRule**

If /CreditorAliasType is present then /CreditorAliasValue must be present.

On Condition

/CreditorAliasType is present

Following Must be True

/CreditorAliasValue Must be present

1.4.1.6.15.1 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 26

1.4.1.6.15.2 EndToEndIdentification

Presence: [1..1]

Definition: Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain.

Usage Note: Where CategoryPurpose has a value of 'TAXS' (Tax Payment) or 'PENS' (Superannuation Payment) then this identification must be the Payment Reference Number (PRN).

Datatype: "Max35Text" on page 26

1.4.1.6.15.3 InstructedAmount

Presence: [1..1]

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

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

Impacted by: C1 "ActiveOrHistoricCurrency", C6 "CurrencyAmount"

Datatype: "ActiveOrHistoricCurrencyAndAmount" on page 21

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.

1.4.1.6.15.4 CreditorName

Presence: [1..1]

Definition: Name by which a party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 25

1.4.1.6.15.5 CreditorAliasType

Presence: [0..1]

Definition: Contains the type of Alias Identifier. E.g. an email, a phone number or an Australian Business Number.

Datatype: "ExternalAliasType1Code" on page 22

1.4.1.6.15.6 CreditorAliasValue

Presence: [0..1]

Definition: Contains the actual value for the supplied type, so an email address, a phone number etc.

Datatype: "Max2048Text" on page 26

1.4.1.6.15.7 CreditorAccountIdentification

Presence: [0..1]

Definition: Unique and unambiguous identification for the account between the account owner and the account servicer.

Datatype: "Max34Text" on page 26

1.4.1.6.15.8 CreditorAccountType

Presence: [0..1]

Definition: Name of the account identification identification scheme, in a coded form as published in an external list.

Datatype: "ExternalAccountIdentification1Code" on page 22

1.4.1.6.15.9 CreditorAgentBIC

Presence: [0..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICIdentifier" on page 25

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

1.4.1.6.15.10 CreditorReference

Presence: [0..1]

Definition: Reference provided by the creditor for reconciliation purposes.

Usage Note: When CategoryPurpose has a value of 'SALA' (Salary Payment) this reference represents the Employee number; when CategoryPurpose has a value of 'TAXS' (Tax Payment) this reference represents the Payment Reference Number (PRN); when CategoryPurpose has a value of 'PENS' (Pension Payment) this reference represents the Payment Reference Number (PRN) of the ATO or Payee.

Datatype: "Max35Text" on page 26

1.4.1.6.15.11 UniqueSuperannuationIdentification

Presence: [0..1]

Definition: Unique identification (USI) as assigned by the superannuation provider to a superannuation scheme.

Datatype: "Max35Text" on page 26

1.4.1.6.15.12 RemittanceReferredDocumentType

Presence: [0..1]

Definition: Specifies the type of referred document.

Datatype: "Max35Text" on page 26

1.4.1.6.15.13 RemittanceReferredDocumentNumber

Presence: [0..1]

Definition: Unique and unambiguous identification of the referred document.

Datatype: "Max35Text" on page 26

1.4.1.6.15.14 RemittanceReferredRelatedDate

Presence: [0..1]

Definition: Date associated with the referred document.

Datatype: "ISODate" on page 24

1.4.1.6.15.15 RemittanceInformationUnstructured

Presence: [0..2]

Definition: Information supplied to enable the matching/reconciliation of an entry with the items that the payment is intended to settle, such as commercial invoices in an accounts' receivable system, in an unstructured form.

Usage Note: Where CategoryPurpose has a value of 'SALA' (SalaryPayment) then this text represents comments relating to specific employee information.

Datatype: "Max140Text" on page 25

1.4.2 Response

Presence: [0..1]

Definition: HTTP response to OSP (Overlay Service Provider) for a customer credit transfer initiation request.

Response contains the following **PaymentSubmissionResponse3** elements

Or	Element	Mult.	Type	Constr. No.	Page
	GroupStatus	[1..1]	CodeSet		17
	GroupStatusReasonCode	[0..1]	CodeSet		18
	GroupStatusDescription	[0..1]	Text		18
	PaymentStatusDetails	[0..*]			18
	BatchIdentification	[1..1]	Text		18
	BatchStatus	[1..1]	CodeSet		18
	BatchStatusReasonCode	[0..1]	CodeSet		19
	BatchStatusDescription	[0..1]	Text		19
	TransactionStatusDetails	[0..*]			19
	InstructionIdentification	[1..1]	Text		19
	TransactionStatus	[1..1]	CodeSet		19
	TransactionStatusReasonCode	[0..1]	CodeSet		19
	TransactionStatusDescription	[0..1]	Text		20
	TransactionIdentification	[0..1]	Text		20
	AcceptanceDateTime	[0..1]	DateTime		20
	ServiceAccessToken	[0..1]	Text		20

1.4.2.1 GroupStatus

Presence: [1..1]

Definition: Specifies the status of a group of payments.

Datatype: "ExternalPaymentGroupStatus1Code" on page 23

1.4.2.2 GroupStatusReasonCode

Presence: [0..1]

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

Datatype: "ExternalStatusReason1Code" on page 23

1.4.2.3 GroupStatusDescription

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 25

1.4.2.4 PaymentStatusDetails

Presence: [0..*]

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		18
	BatchStatus	[1..1]	CodeSet		18
	BatchStatusReasonCode	[0..1]	CodeSet		19
	BatchStatusDescription	[0..1]	Text		19
	TransactionStatusDetails	[0..*]			19
	InstructionIdentification	[1..1]	Text		19
	TransactionStatus	[1..1]	CodeSet		19
	TransactionStatusReasonCode	[0..1]	CodeSet		19
	TransactionStatusDescription	[0..1]	Text		20
	TransactionIdentification	[0..1]	Text		20
	AcceptanceDateTime	[0..1]	DateTime		20

1.4.2.4.1 BatchIdentification

Presence: [1..1]

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

Datatype: "Max35Text" on page 26

1.4.2.4.2 BatchStatus

Presence: [1..1]

Definition: Specifies the status of the payment batch.

Datatype: "ExternalPaymentGroupStatus1Code" on page 23

1.4.2.4.3 BatchStatusReasonCode

Presence: [0..1]

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

Datatype: "ExternalStatusReason1Code" on page 23

1.4.2.4.4 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 25

1.4.2.4.5 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		19
	TransactionStatus	[1..1]	CodeSet		19
	TransactionStatusReasonCode	[0..1]	CodeSet		19
	TransactionStatusDescription	[0..1]	Text		20
	TransactionIdentification	[0..1]	Text		20
	AcceptanceDateTime	[0..1]	DateTime		20

1.4.2.4.5.1 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 26

1.4.2.4.5.2 TransactionStatus

Presence: [1..1]

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

Datatype: "ExternalPaymentTransactionStatus1Code" on page 23

1.4.2.4.5.3 TransactionStatusReasonCode

Presence: [0..1]

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

Datatype: "ExternalStatusReason1Code" on page 23

1.4.2.4.5.4 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 25

1.4.2.4.5.5 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 26

1.4.2.4.5.6 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 24

1.4.2.5 ServiceAccessToken

Presence: [0..1]

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

Datatype: "Max2048Text" on page 26

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 21

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}
---------	------------

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 ExternalAccountIdentification1Code

Definition: Specifies the external account identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

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

Type: CodeSet

Format

minLength	1
maxLength	4

2.1.2.3 ExternalAliasType1Code

Definition: Specifies the alias type as published in an external code list.

Type: CodeSet

Format

minLength	1
maxLength	4

2.1.2.4 ExternalCategoryPurpose1Code

Definition: Specifies the category purpose, as published in an external category purpose code list.

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

Type: CodeSet

Format

minLength	1
maxLength	4

2.1.2.5 ExternalLocalInstrument1Code

Definition: Specifies the external local instrument code in the format of character string with a maximum length of 35 characters.

The list of valid codes is an external code list published separately.

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

Type: CodeSet

Format

minLength	1
maxLength	35

2.1.2.6 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

2.1.2.7 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

2.1.2.8 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

2.1.2.9 Priority2Code

Definition: Specifies the priority level of an event.

Type: CodeSet

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

2.1.3 Date

2.1.3.1 ISODate

Definition: A particular point in the progression of time in a calendar year expressed in the YYYY-MM-DD format. This representation is defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Type: Date

2.1.4 DateTime

2.1.4.1 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

2.1.5 IdentifierSet

2.1.5.1 ABNIdentifier

Definition: Australian Business Number (ABN) is a unique identifier issued by the Australian Business Register (ABR) which is operated by the Australian Taxation Office (ATO). The 11 digit ABN is structured as a 9 digit identifier with two leading check digits. The leading check digits are derived using a modulus 89 (remainder after dividing by 89) calculation

Type: IdentifierSet

Identification scheme: ATO; ABNIdentifier

Format

pattern	$^((\backslash d\{9\}) (\backslash d\{11\}))\$$
---------	---

2.1.5.2 AnyBICIdentifier

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Type: IdentifierSet

Identification scheme: SWIFT; AnyBICIdentifier

Format

pattern	$[A-Z]\{6,6\}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]\{3,3\})\{0,1\}$
---------	---

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

2.1.6 Indicator**2.1.6.1 BatchBookingIndicator**

Definition: Identifies whether the sending party requests a single debit or credit entry per individual transaction or a batch entry for the sum of the amounts of all transactions.

Type: Indicator

Meaning When True: Identifies that a batch entry for the sum of the amounts of all transactions in the batch or message is requested.

Meaning When False: Identifies that a single entry for each of the transactions in the batch or message is requested.

2.1.7 Text**2.1.7.1 Max105Text**

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

Type: Text

Format

minLength	1
maxLength	105

2.1.7.2 Max140Text

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

Type: Text

Format

minLength	1
maxLength	140

2.1.7.3 Max2048Text

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

Type: Text

Format

minLength	1
maxLength	2048

2.1.7.4 Max34Text

Definition: Specifies a character string with a maximum length of 34 characters.

Type: Text

Format

minLength	1
maxLength	34

2.1.7.5 Max35Text

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

Type: Text

Format

minLength	1
maxLength	35

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