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Developers   ⌄

AbstractTransactionResponse Class ☰

AbstractTransactionResponse Class

Abstract class that contains methods for setting tax fields based on the external tax provider's response. Response classes that extend `AbstractTransactionResponse` inherit these methods.

Namespace

CommerceTax

- **AbstractTransactionResponse Methods**
  Learn more about the methods for AbstractTransactionResponse class.

AbstractTransactionResponse Methods

Learn more about the methods for AbstractTransactionResponse class.

The `AbstractTransactionResponse` class includes these methods.

- **setAddresses(addresses)**
  Uses an instance of `AddressesResponse` to set the values of tax address fields.

- **setAmountDetails(amountDetails)**
  Uses an instance of `AmountDetailsResponse` to set tax amount fields such as exemption amount and tax amount.

- **setCurrencyIsoCode(currencyIsoCode)**
  Sets the currencyIsoCode field.

- **setDescription(dscptn)**
  Sets the Description field.

- **setDocumentCode(documentCode)**
  Sets the DocumentCode field. Document codes are often used to reference tax documents that the external tax engine uses in the tax calculation process. Document code acts as a unique link to chain-related transactions, such as amendment or refunds.

- **setEffectiveDate(effectiveDate)**
  Sets the EffectiveDate field. Effective Date fields are optional fields that store the date that a transaction takes effect. We provide these fields only for recordkeeping purposes – for example, if you must report an effective date to an external general ledger system. Salesforce doesn't use them to calculate any tax or payment values.

- **setLineItems(lineItems)**
  Uses an instance of the `LineItemResponse` class to set a list of line items. Each line item represents an item sent to an external tax engine for tax calculation.

- **setReferenceDocumentCode(referenceDocumentCode)**
  Sets the ReferenceDocumentCode field. Use this field to store the code of an additional document used in the tax calculation process. For example, use this field in case of a refund for a previously taxed purchase.

- **setReferenceEntityId(referenceEntityId)**
  Sets the ID of a reference entity. In Commerce Tax, a reference entity represents a record related to the items sent to the external tax engine for tax calculation. For example, if you sent order items for tax calculation, you could define the parent order as the reference entity.

- **setTaxTransactionId(taxTrxnId)**
  Sets the TaxTransactionId field using the ID of a tax transaction record. In Commerce Tax, a tax transaction record stores information about a specific tax calculation process.

Uses an instance of `AddressesResponse` to set the values of tax address fields.

Signature

```
global void setAddresses(commercetax.AddressesResponse addresses)
```

Parameters

addresses

Type: AddressesResponse

Class that contains methods to set the Ship To, Ship From, and Sold To address information.

Return Value

Type: void

setAmountDetails(amountDetails)

Uses an instance of `AmountDetailsResponse` to set tax amount fields such as exemption amount a
tax amount.

Signature

```
global void setAmountDetails(commercetax.AmountDetailsResponse amountDetails)
```

Parameters

amountDetails

Type: AmountDetailsResponse

Class that contains methods to set the tax exemption amount, tax amount, total amount, and
total amount with tax.

Return Value

Type: void

setCurrencyIsoCode(currencyIsoCode)

Sets the currencyIsoCode field.

Signature

```
global void setCurrencyIsoCode(String currencyIsoCode)
```

Parameters

currencyIsoCode

Type: String

Three-letter ISO 4217 currency code associated with a tax object.

Return Value

Type: void

setDescription(dscptn)

Sets the Description field.

Signature

Type: String

Optional field for providing additional information about a record.

Return Value

Type: void

setDocumentCode(documentCode)

Sets the DocumentCode field. Document codes are often used to reference tax documents that external tax engine uses in the tax calculation process. Document code acts as a unique link to chain-related transactions, such as amendment or refunds.

Signature

```
global void setDocumentCode(String documentCode)
```

Parameters

documentCode
Type: String

Code for a tax document used in the tax calculation process.

Return Value

Type: void

setEffectiveDate(effectiveDate)

Sets the EffectiveDate field. Effective Date fields are optional fields that store the date that a transaction takes effect. We provide these fields only for recordkeeping purposes – for example, you must report an effective date to an external general ledger system. Salesforce doesn't use th to calculate any tax or payment values.

Signature

```
global void setEffectiveDate(Datetime effectiveDate)
```

Parameters

effectiveDate
Type: Datetime

Optional field that stores the date that a transaction takes effect.

Return Value

Type: void

setLineItems(lineItems)

Uses an instance of the `LineItemResponse` class to set a list of line items. Each line item represent an item sent to an external tax engine for tax calculation.

Signature

```
global void setLineItems(List<commercetax.LineItemResponse> lineItems)
```

Parameters

lineItems

Type: void

setReferenceDocumentCode(referenceDocumentCode)

Sets the ReferenceDocumentCode field. Use this field to store the code of an additional docume used in the tax calculation process. For example, use this field in case of a refund for a previously taxed purchase.

Signature

```
global void setReferenceDocumentCode(String referenceDocumentCode)
```

Parameters

referenceDocumentCode

Type: String

The code for a document used in the tax calculation process.

Return Value

Type: void

setReferenceEntityId(referenceEntityId)

Sets the ID of a reference entity. In Commerce Tax, a reference entity represents a record related the items sent to the external tax engine for tax calculation. For example, if you sent order items tax calculation, you could define the parent order as the reference entity.

Signature

```
global void setReferenceEntityId(String referenceEntityId)
```

Parameters

referenceEntityId

Type: String

ID of a record related to the items sent for tax calculation.

Return Value

Type: void

setTaxTransactionId(taxTrxnId)

Sets the TaxTransactionId field using the ID of a tax transaction record. In Commerce Tax, a tax transaction record stores information about a specific tax calculation process.

Signature

```
global void setTaxTransactionId(String taxTrxnId)
```

Parameters

taxTrxnId

Type: String

The ID of a tax transaction record in Commerce Tax.

Return Value

Sets the TransactionDate field.

Signature

```
global void setTransactionDate(Datetime transactionDate)
```

Parameters

transactionDate

Type: Datetime

Date that a tax transaction occurred.

Return Value

Type: void

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