Developers

TaxLineItemRequest Class ☰

Apex Reference Guide / **CommerceTax Namespace** / TaxLineItemRequest Class

TaxLineItemRequest Class

Contains line item details of a tax request.

Namespace

CommerceTax

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TaxLineItemRequest Constructors

Learn more about the constructors available with the `TaxLineItemRequest` class.

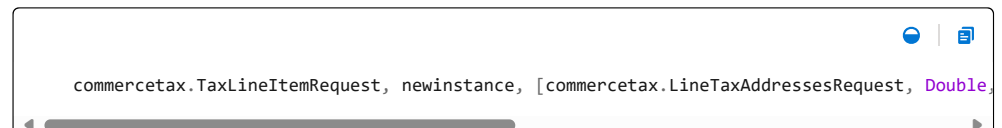The `TaxLineItemRequest` class includes these constructors.

- **TaxLineItemRequest(addresses, amount, description, productCode, productSKU, quantity, lineNumber, taxCode, effectiveDate)**
  Initializes the request for the tax line item. This constructor is intended for test usage and throws an exception if used outside of the Apex test context.

TaxLineItemRequest(addresses, amount, description, productCode, productSKU, quantity, lineNumber, taxCode, effectiveDate)

Initializes the request for the tax line item. This constructor is intended for test usage and throws an exception if used outside of the Apex test context.

Signature

```
global TaxLineItemRequest(commercetax.LineTaxAddressesRequest addresses, Double amount, String
description, String productCode, String productSKU, Double quantity, String lineNumber, String
taxCode, Datetime effectiveDate)
```

```
    commercetax.TaxLineItemRequest, newinstance, [commercetax.LineTaxAddressesRequest, Double,
```

Parameters

addresses

Type: LineTaxAddressesRequest

Information about the addresses applied to each line item in a tax calculation request.

amount

Type: Double

User-defined description for a tax line item.

productCode

Type: String

Catalog code for the product represented by the tax line item.

productSKU

Type: String

Unique identifier of a product that can be used to identify products that are exempted from tax.

quantity

Type: Double

Number of units of a given product that the tax line item represents.

lineNumber

Type: String

Unique number used to identify a tax line item.

taxCode

Type: String

Code used to identify how tax is calculated for a tax line item.

effectiveDate

Type: Datetime

This is a user-defined date used for reporting only.

TaxLineItemRequest Properties

Learn more about the available properties with the `TaxLineItemRequest` class.

The `TaxLineItemRequest` class includes these properties.

- **addresses**
  Contains the list of addresses of a line item.

- **amount**
  Total amount (in a given currency) represented by a line item sent for tax calculation.

- **description**
  User-defined description for a tax line item.

- **effectiveDate**
  The date that a tax transaction takes effect on a line item. This is a user-defined date used for reporting only.

- **lineNumber**
  Unique number used to identify a tax line item.

- **productCode**
  Catalog code for the product represented by the tax line item.

- **productSKU**
  Unique identifier of a product that can be used to identify products that are exempted from tax.

- **quantity**
  Number of units of a given product that the tax line item represents.

- **taxCode**
  Code used to identify how tax is calculated for a tax line item.

```
public commercetax.LineTaxAddressesRequest addresses {get; set;}
```

Property Value

Type: commercetax.LineTaxAddressesRequest

amount

Total amount (in a given currency) represented by a line item sent for tax calculation.

Signature

```
global Double amount {get; set;}
```

Property Value

Type: Double

description

User-defined description for a tax line item.

Signature

```
global String description {get; set;}
```

Property Value

Type: String

effectiveDate

The date that a tax transaction takes effect on a line item. This is a user-defined date used for reporting only.

Signature

```
global Datetime effectiveDate {get; set;}
```

Property Value

Type: Datetime

lineNumber

Unique number used to identify a tax line item.

Signature

```
global String lineNumber {get; set;}
```

Property Value

Type: String

productCode

Catalog code for the product represented by the tax line item.

Signature

productSKU

Unique identifier of a product that can be used to identify products that are exempted from tax.

Signature

```
global String productSKU {get; set;}
```

Property Value

Type: String

quantity

Number of units of a given product that the tax line item represents.

Signature

```
global Double quantity {get; set;}
```

Property Value

Type: Double

taxCode

Code used to identify how tax is calculated for a tax line item.

Signature

```
global String taxCode {get; set;}
```

Property Value

Type: String

TaxLineItemRequest Methods

Learn more about the available methods with the `TaxLineItemRequest` class.

The `TaxLineItemRequest` class includes these methods.

- **equals(obj)**
  Maintains the integrity of lists of type `TaxLineItemRequest` by determining the equality of external objects in a list. This method is dynamic and is based on the `equals()` method in Java.
- **hashCode()**
  Maintains the integrity of lists of type `TaxLineItemRequest` by determining the uniqueness of the external object records in a list.
- **toString()**
  Converts a value to a string.

equals(obj)

Maintains the integrity of lists of type `TaxLineItemRequest` by determining the equality of external objects in a list. This method is dynamic and is based on the `equals()` method in Java.

Signature

Type: Object

External object whose key is to be validated.

Return Value

Type: Boolean

hashCode()

Maintains the integrity of lists of type `TaxLineItemRequest` by determining the uniqueness of the external object records in a list.

Signature

```
global Integer hashCode()
```

Return Value

Type: Integer

toString()

Converts a value to a string.

Signature

```
global String toString()
```

Return Value

Type: String

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