



CalculateTaxRequest Class

Represents a request to an external tax engine to calculate tax. Extends the [TaxTransactionRequest](#) class and is the top-level request class.

Namespace

[CommerceTax](#)

Example

See [TaxEngineAdapter Example Implementation](#) for more details on how to access information from the `CalculateTaxRequest` class.

- [CalculateTaxRequest Constructors](#)
Learn more about the constructors that are available with the `CalculateTaxRequest` class. This constructor is intended for test usage and throws an exception if used outside of the Apex test context.
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Learn more about the available properties with the `CalculateTaxRequest` class.
- [CalculateTaxRequest Methods](#)
Learn more about the available methods with the `CalculateTaxRequest` class.

CalculateTaxRequest Constructors

Learn more about the constructors that are available with the `CalculateTaxRequest` class. This constructor is intended for test usage and throws an exception if used outside of the Apex test context.

The `CalculateTaxRequest` class includes these constructors.

- [CalculateTaxRequest\(taxType\)](#)
This constructor is intended for test usage only and throws an exception if used outside of the Apex test context.

CalculateTaxRequest(taxType)

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Signature

```
global CalculateTaxRequest(commercetax.CalculateTaxType taxType)
```

Parameters

taxType

Type: [CalculateTaxType](#)

Indicates whether the tax calculation is for estimated tax or actual tax.



- **isCommit**
Indicates whether the tax calculation has to be committed or reported to government authorities.
- **taxTransactionType**
Shows whether the tax transaction is for a credit or debit transaction.
- **taxType**
Shows whether the tax calculation is for estimated or actual tax wherein only actual tax can be submitted.

isCommit

Indicates whether the tax calculation has to be committed or reported to government authorities.

Signature

```
global Boolean isCommit {get; set;}
```

Property Value

Type: [Boolean](#)

taxTransactionType

Shows whether the tax transaction is for a credit or debit transaction.

Signature

```
global commercetax.TaxTransactionType taxTransactionType {get; set;}
```

Property Value

Type: [TaxTransactionType](#)

taxType

Shows whether the tax calculation is for estimated or actual tax wherein only actual tax can be submitted.

Signature

```
global commercetax.CalculateTaxType taxType {get; set;}
```

Property Value

Type: [CalculateTaxType](#)

CalculateTaxRequest Methods

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

The `CalculateTaxRequest` class includes these methods.

- **equals(obj)**
Maintains the integrity of lists of type `CalculateTaxRequest` 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 `CalculateTaxRequest` by determining the uniqueness of the external object records in a list.



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

Signature

```
global Boolean equals(Object obj)
```

Parameters

obj

Type: `Object`

External object whose key is to be validated.

Return Value

Type: `Boolean`

hashCode()

Maintains the integrity of lists of type `CalculateTaxRequest` 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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