Developers

TaxDetailsResponse Class ≡

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TaxDetailsResponse Class

Stores details of the tax values that an external tax engine calculates in response to a tax calculation request.

Namespace

CommerceTax

Usage

If your tax calculation request contains multiple line items, we recommend building your adapter using a list of `TaxDetailsResponse` instances. Each instance represents the tax details calculated for a given line item.

Example

```
List<commercetax.TaxDetailsResponse> taxDetailsResponses = new List<commercetax.TaxDetails
                for(integer i =0;i<1;i++){
                        Integer rate  = 1;
                        Double taxableAmount = lineItem.amount;
                        commercetax.TaxDetailsResponse taxDetailsResponse = new commercetax.T
                        taxDetailsResponse.setRate(Double.valueOf(rate));
                        taxDetailsResponse.setTaxableAmount(taxableAmount);
                        Double tax = taxableAmount*rate;
                        totalLineTax+=tax;
                        taxDetailsResponse.setTax(taxableAmount*rate);
                        taxDetailsResponse.setExemptAmount(0);
                        taxDetailsResponse.setExemptReason('exemptReason');
                        taxDetailsResponse.setTaxRegionId('taxRegionId');
                        taxDetailsResponse.setTaxId(String.valueOf(getRandomInteger(0,2323233
                        taxDetailsResponse.setSerCode('serCode');
                        taxDetailsResponse.setTaxAuthorityTypeId('taxAuthorityTypeId');
                        if(request.DocumentCode == 'SetsNullForResponseWithoutException'){
                            taxDetailsResponse.setImposition(null);
                        }else{
                            commercetax.ImpositionResponse imposition = new commercetax.Impos
                            imposition.setSubType('subtype');
                            imposition.setType('type');
                            taxDetailsResponse.setImposition(imposition);
                        }

                        if(request.DocumentCode == 'SetsNullForResponseWithoutException'){
                            taxDetailsResponse.setJurisdiction(null);
                        }else{
                            commercetax.JurisdictionResponse jurisdiction = new commercetax.J
                            jurisdiction.setCountry('country');
                            jurisdiction.setRegion('region');
                            jurisdiction.setName('name');
                            jurisdiction.setStateAssignedNumber('stateAssignedNo');
                            jurisdiction.setId('id');
                            jurisdiction.setLevel('level');
                            taxDetailsResponse.setJurisdiction(jurisdiction);
                        }

                        taxDetailsResponses.add(taxDetailsResponse);
                }
```

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

TaxDetailsResponse Methods

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

The `TaxDetailsResponse` class includes these methods.

- **setExemptAmount(exemptAmount)**
  Sets the ExemptAmount field of the `TaxDetailsResponse` class.

- **setExemptReason(reason)**
  Sets the ExemptReason field of the `TaxDetailsResponse` class.

- **setImposition(imposition)**
  Sets the Imposition field of the `TaxDetailsResponse` class using an instance of the `ImpositionResponse` class.

- **setJurisdiction(jurisdiction)**
  Sets the Jurisdiction field of the `TaxDetailsResponse` using an instance of the `JurisdictionResponse` class.

- **setRate(rate)**
  Sets the Rate field of the `TaxDetailsResponse` class.

- **setSerCode(serCode)**
  Sets the Service Code field of the `TaxDetailsResponse` class.

- **setTax(tax)**
  Sets the Tax field of the `TaxDetailsResponse` class.

- **setTaxAuthorityTypeId(taxAuthorityTypeId)**
  Sets the TaxAuthorityTypeId field of the `TaxDetailsResponse` class.

- **setTaxId(taxId)**
  Sets the TaxId field of the `TaxDetailsResponse` class.

- **setTaxRegionId(taxRegionId)**
  Sets the TaxRegionId field on the `TaxDetailsResponse` class.

- **setTaxRuleDetails(taxRuleDetails)**
  Sets the TaxRuleDetails field of the `TaxDetailsResponse` class.

- **setTaxableAmount(taxableAmount)**
  Sets the TaxableAmount field of the `TaxDetailsResponse` class.

setExemptAmount(exemptAmount)

Sets the ExemptAmount field of the `TaxDetailsResponse` class.

Signature

```
global void setExemptAmount(Double exemptAmount)
```

Parameters

exemptAmount
　Type: Double

　Amount of tax on a line item that is exempt from tax calculation.

Return Value

Type: void

setExemptReason(reason)

Parameters

reason

Type: String

Optional user-defined information on why a tax exemption applies to a line item.

Return Value

Type: void

setImposition(imposition)

Sets the Imposition field of the `TaxDetailsResponse` class using an instance of the `ImpositionResponse` class.

Signature

```
global void setImposition(commercetax.ImpositionResponse imposition)
```

Parameters

imposition

Type: ImpositionResponse

Contains information about why tax was imposed on a line item.

Return Value

Type: void

setJurisdiction(jurisdiction)

Sets the Jurisdiction field of the `TaxDetailsResponse` using an instance of the `JurisdictionResponse` class.

Signature

```
global void setJurisdiction(commercetax.JurisdictionResponse jurisdiction)
```

Parameters

jurisdiction

Type: JurisdictionResponse

Contains address information about the tax jurisdiction used in the tax calculation process.

Return Value

Type: void

setRate(rate)

Sets the Rate field of the `TaxDetailsResponse` class.

Signature

```
global void setRate(Double rate)
```

Parameters

rate

Return Value

Type: void

setSerCode(serCode)

Sets the Service Code field of the `TaxDetailsResponse` class.

Signature

```
global void setSerCode(String serCode)
```

Parameters

serCode

  Type: String

  Service code used in tax calculation.

Return Value

Type: void

setTax(tax)

Sets the Tax field of the `TaxDetailsResponse` class.

Signature

```
global void setTax(Double tax)
```

Parameters

tax

  Type: Double

  Amount of tax for a line item.

Return Value

Type: void

setTaxAuthorityTypeId(taxAuthorityTypeId)

Sets the TaxAuthorityTypeId field of the `TaxDetailsResponse` class.

Signature

```
global void setTaxAuthorityTypeId(String taxAuthorityTypeId)
```

Parameters

taxAuthorityTypeId

  Type: String

  ID of the organization that oversees tax collection.

Return Value

Type: void

setTaxId(taxId)

Parameters

taxId

Type: String

ID value used to determine the tax for an individual or business.

Return Value

Type: void

setTaxRegionId(taxRegionId)

Sets the TaxRegionId field on the `TaxDetailsResponse` class.

Signature

```
global void setTaxRegionId(String taxRegionId)
```

Parameters

taxRegionId

Type: String

ID of the tax region used in tax calculation. A tax region represents a geographical area where tax is applied.

Return Value

Type: void

setTaxRuleDetails(taxRuleDetails)

Sets the TaxRuleDetails field of the `TaxDetailsResponse` class.

Signature

```
global void setTaxRuleDetails(commercetax.RuleDetailsResponse taxRuleDetails)
```

Parameters

taxRuleDetails

Type: RuleDetailsResponse

Information about the Salesforce tax rules used during tax calculation.

Return Value

Type: void

setTaxableAmount(taxableAmount)

Sets the TaxableAmount field of the `TaxDetailsResponse` class.

Signature

```
global void setTaxableAmount(Double taxableAmount)
```

Parameters

taxableAmount

Type: Double

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