



CommerceTax Namespace

Manage the communication between Salesforce and an external tax engine.

The `CommerceTax` namespace includes these classes.

- [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.
- [AddressesResponse Class](#)
Sets the tax address fields based on a response from the external tax engine. Contains setter methods for the Ship From, Ship To, and Sold To addresses.
- [AddressResponse Class](#)
Contains a location code sent from the external tax engine.
- [AmountDetailsResponse Class](#)
Sets tax amount fields based on a response from the external tax engine.
- [CalculateTaxRequest Class](#)
Represents a request to an external tax engine to calculate tax. Extends the `TaxTransactionRequest` class and is the top-level request class.
- [CalculateTaxResponse Class](#)
Sets the values of the tax transaction following a response from the external tax engine. Extends the `AbstractTransactionResponse` class and is the top-level response class.
- [CalculateTaxType Enum](#)
Shows whether a tax calculation request is for estimated or actual tax.
- [ErrorResponse Class](#)
Use to respond with an error after receiving errors from the `PaymentGatewayAdapter` methods of the [CommercePayments](#) namespace, such as request-forbidden responses, custom validation errors, or expired API tokens.
- [HeaderTaxAddressesRequest Class](#)
Captures the address values that are applicable for the quote or order transaction.
- [ImpositionResponse Class](#)
Stores details of tax impositions from the external tax engine.
- [JurisdictionResponse Class](#)
Stores details from the external tax engine about the tax jurisdiction used in the tax calculation process. A tax jurisdiction represents a government entity that collects tax.
- [LineItemResponse Class](#)
Response class that stores details of a list of one or more line items on which the tax engine has calculated tax.
- [LineTaxAddressesRequest Class](#)
Stores details of the addresses applied per line item in a tax calculation request.
- [RequestType Enum](#)
Shows the type of tax request made to the tax engine.
- [ResultCode Enum](#)
Code that represents the results of a tax request made to the tax engine.
- [RuleDetailsResponse Class](#)
Contains details about the tax rules used for tax calculation.
- [TaxAddressesRequest Class](#)
Contains methods to get and set tax address values.



ApexBaseException Class.

- [TaxCustomerDetailsRequest Class](#)
Contains customer details used in tax calculation.
- [TaxDetailsResponse Class](#)
Stores details of the tax values that an external tax engine calculates in response to a tax calculation request.
- [TaxEngineAdapter Interface](#)
Retrieves information from the tax engine and evaluates the information to define tax details.
- [TaxEngineContext Class](#)
Wrapper class that stores details about the type of a tax calculation request.
- [TaxLineItemRequest Class](#)
Contains line item details of a tax request.
- [TaxSellerDetailsRequest Class](#)
Contains tax code details used in the tax calculation request.
- [TaxTransactionRequest Class](#)
Abstract class for storing customer details used in tax calculation and estimation requests.
- [TaxTransactionStatus Enum](#)
Shows whether the tax transaction has been committed or uncommitted.
- [TaxTransactionType Enum](#)
Shows whether the tax transaction is for a credit or debit transaction.

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