Fulfillment domain model

Product
- description *string (256)* ∗
- price *decimal (9,2)* ∗
- sku *string (30)* ∗ U

Carrier
- name *string (100)* ∗ U

ShipMethod
- abbreviation *string (20)* ∗ U
- carrier_id *integer* ∗ FK
- description *string (100)* ∗ U

OrderItem
- accepted_quantity *integer*
- description *string (250)*
- discount_percentage *decimal*
- freight_charge *decimal*
- line_item_no *integer* ∗
- order_id *integer* ∗ FK
- quantity *integer* ∗
- shipped_quantity *integer*
- sku *string (30)* ∗ U
- status *string (30)* ∗
- tax *decimal*
- unit_price *decimal*
- weight *decimal*

Address
- city *string (100)* ∗
- country_code *string (2)* ∗
- line_1 *string (100)* ∗
- line_2 *string (100)*
- postal_code *string (10)* ∗
- recipient *string (100)* ∗
- state *string (20)* ∗

Batch
- status *string* ∗

Order
- batch_id *integer FK*
- client_id *integer* ∗ FK
- client_order_id *string (100) U*
- confirmation *string (32)*
- customer_email *string (100)*
- customer_name *string (50)*
- error *text*
- order_date *date* ∗
- ship_method_id *integer*
- shipping_address_id *integer FK*
- status *string (30)* ∗
- telephone *string (25)*

Shipment
- cancel_code *string*
- cancel_reason *string*
- collect_freight *boolean* ∗
- external_id *string* ∗
- freight_charge *decimal*
- freight_responsibility *string*
- handling_charge *decimal*
- order_id *integer* ∗ FK
- quantity *integer* ∗
- ship_date *date* ∗
- weight *decimal*

ShipmentItem
- cancel_code *string*
- cancel_reason *string*
- external_line_no *integer* ∗
- order_item_id *integer* ∗ FK
- shipment_id *integer* ∗ FK
- shipped_quantity *integer* ∗
- sku *string* ∗
- unit_price *decimal*

Package
- package_id *string*
- quantity *integer*
- shipment_item_id *integer* ∗ FK
- tracking_number *string*
- weight *decimal*

Client
- abbreviation *string (5)* ∗ U
- auth_token *string (40)* ∗
- name *string (100)* ∗ U
- order_import_processor_class *string (250)*

BookIdentifier
- book_id *integer* ∗ FK
- client_id *integer* ∗ FK
- code *string (20)* ∗

Book
- format *string (100)* ∗
- isbn *string (13)* ∗
- title *string (250)* ∗

Payment
- amount *decimal (9,2)* ∗
- external_fee *decimal (9,2)*
- external_id *string (100)*
- order_id *integer* ∗ FK
- state *string (20)* ∗

Response
- content *text* ∗
- payment_id *integer* ∗ FK
- status *string* ∗