



## The Bill class : concept of order and bill statuses

### Moodle Integrated Shop : Structural elements

#### Introduction

The bill is an object that groups all the constituent parts of :

- A purchase order, as long as payment has not taken place.
- A pro forma bill, as long as no cross-reference coding has taken place.
- A bill, once cross-reference coding has taken place.

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#### Billing ⓘ

Bill in progress (2) Bill placed (20) Bill pending (0) Bill paid (1) Bill completed (584) Bill cancelled (30) Bill payment failed (35) Bill payback (1)

All (673)

N°	Customer	Transaction	Issue date	Cross-reference coding	Amount
<b>Bill cancelled</b>					
B-20170328-25	Gilles U	TU9TMXCSUWLLDHVKQ== ( )	Thu Jan 1 01:00:00 1970		0.50 €
B-20170329-26	Lai WEI	TU9XBMGWETROOGD6CW== ( )	Thu Jan 1 01:00:00 1970		0.50 €
B-20170515-28	Patrick	TUB4AGZPVTUXDMHSRQ== ( )	Thu Jan 1 01:00:00 1970		1660.00 €
B-20170920-44	Pierre-Y	TU9LEE9DQ1JKEGF4RQ==	Thu Jan 1 01:00:00 1970		160.00 €

#### Orders and bills in life cycle

Orders and bills have a life cycle determined by a status and transition engine.

**Possible statuses include:**

#### IN PROGRESS:

When a back office operator manually creates an order, it takes the In progress status.

### **PLACED:**

Orders transmitted by online customers are placed for payment but not confirmed.

### **PENDING :**

Orders have been confirmed by the customer but payment used is offline or is delayed for an asynchronous response. Offline payments must be handled manually by a back office operator.

### **PAID :**

Bill has been paid in full because an online immediate method of payment was used or because it was marked as such by a back office operator after physical payment was received.

### **COMPLETED :**

Order has been paid and completed (by any method, whether automatically by enabling handlers or manually shipped and sent to customer in case of physical goods).

### **CANCELLED :**

Back office operators can cancel orders that have not yet been officially entered into accounting.

### **FAILED :**

These bills mark a failed online payment process. Le retour négatif de l'interface de paiement a des causes diverses, comme par exemple une erreur de saisie du code bancaire par le client, un serveur bancaire trop occupé momentanément pour répondre, la banque qui refuse le paiement, etc.

### **PAYBACK :**

Orders abusively billed or orders for which a customer can return their purchase, might be marked as payback orders to the benefit of the customer.

### **ALL:**

Listing de toutes les factures, quelque soit leur état.

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