

# Replenishment & Kanban Bin App for Microsoft Dynamics 365 Business Central

## Technical Documentation

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## 1 Introduction

The “Replenishment & Kanban Bin” app from KUMAVISION for **Microsoft Dynamics 365 Business Central**, is designed in order to be **extended** by other Microsoft partners or customers.

## 2 Events

KUMAVISION has implemented 2 events in an interface codeunit.

### OnAfterGetQtyToHandleBase

→ You can use this event, if you want to change the “Quantity Base” the app calculates to replenish.

### OnAfterCreateNewItemReclassJnlLine

→ You can use this event, if you want to change the already inserted Item Journal Line in the Reclassification Journal.

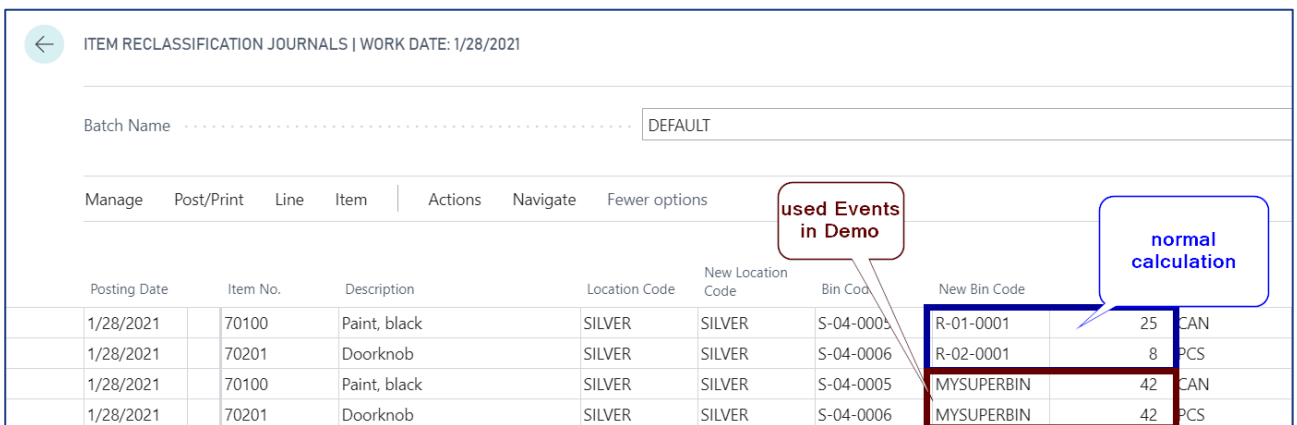
#### Example:

```
codeunit 50100 "KVSMYDemoCodeunit"
{
    [EventSubscriber(ObjectType::Codeunit, Codeunit::KVSkanInterface, 'OnAfterCreateNewItemReclassJnlLine', '', true, false)]
    local procedure ChangeBinToMySuperBin(var NewitemJournalLine: Record "Item Journal Line");
    begin
        NewitemJournalLine."New Bin Code" := 'MySuperBin';
        NewitemJournalLine.Modify(true);
    end;

    [EventSubscriber(ObjectType::Codeunit, Codeunit::KVSkanInterface, 'OnAfterGetQtyToHandleBase', '', true, false)]
    local procedure ChangeQtytoMyQty(BinContentToFill: Record "Bin Content"; var QtyToHandleBase: Decimal);
    begin
        QtyToHandleBase := 42;
    end;
}
```



```
Cod50100.KVSMYDemoCodeunit | AL Page
src > codeunit > Cod50100.KVSMYDemoCodeunit > ...
1 codeunit 50100 "KVSMYDemoCodeunit"
2 {
3
4 [EventSubscriber(ObjectType::Codeunit, Codeunit::KVSkanInterface, 'OnAfterCreateNewItemReclassJnlLine', '', true, false)]
5 0 references
6 local procedure ChangeBinToMySuperBin(var NewitemJournalLine: Record "Item Journal Line");
7 begin
8     NewitemJournalLine."New Bin Code" := 'MySuperBin';
9     NewitemJournalLine.Modify(true);
10 end;
11
12 [EventSubscriber(ObjectType::Codeunit, Codeunit::KVSkanInterface, 'OnAfterGetQtyToHandleBase', '', true, false)]
13 0 references
14 local procedure ChangeQtytoMyQty(BinContentToFill: Record "Bin Content"; var QtyToHandleBase: Decimal);
15 begin
16     QtyToHandleBase := 42;
17 end;
18 }
```



ITEM RECLASSIFICATION JOURNALS | WORK DATE: 1/28/2021

Batch Name: DEFAULT

Posting Date	Item No.	Description	Location Code	New Location Code	Bin Code	New Bin Code	Qty	Unit
1/28/2021	70100	Paint, black	SILVER	SILVER	S-04-0005	R-01-0001	25	CAN
1/28/2021	70201	Doorknob	SILVER	SILVER	S-04-0006	R-02-0001	8	PCS
1/28/2021	70100	Paint, black	SILVER	SILVER	S-04-0005	MYSUPERBIN	42	CAN
1/28/2021	70201	Doorknob	SILVER	SILVER	S-04-0006	MYSUPERBIN	42	PCS

Annotations: "used Events in Demo" points to the rows with 'MYSUPERBIN' in the New Bin Code column. "normal calculation" points to the rows with 'R-01-0001' and 'R-02-0001' in the New Bin Code column.