

## 2.3.45. Location controller

### All Extension Parameters : 2.3. Extension Parameters tab

This controller holds the configuration for suggesting locations on moves.

### Extension: Location Controller - Handle Location Suggestions

This controller uses put away zones to get a list of possible locations to store the goods.

The screenshot shows the 'Organizational Structure - Produmex WMS Add-On' window. The left pane shows the organizational structure with 'WMS\_Demo (COMP)' selected. The right pane shows the configuration for the 'Location controller (LCTRL)' extension. The 'Extension Parameters' tab is active, showing the following settings:

Property	Value
Location controller (LCTRL)	
Extension	Location controller - Handle location suggestions (LOCCONTR)
Search Parameters	

The 'General' section contains the following settings:

Property	Value
Use suggested locations?	<input type="checkbox"/>
Allow to suggest an empty fixed pick location?	<input checked="" type="checkbox"/>
Allow to suggest pick locations during moves?	<input type="checkbox"/>
Allow to suggest pick locations during put away?	<input type="checkbox"/>
Force to use first suggested location during moves?	<input checked="" type="checkbox"/>
Force to use first suggested location during put away?	<input checked="" type="checkbox"/>
Order by (Moves)	SE "PMX_OSSL"."Sequence" END,"PMX_OSSL"."Code"
Order by (Put away)	SE "PMX_OSSL"."Sequence" END,"PMX_OSSL"."Code"

Buttons at the bottom include 'Ok', 'Cancel', 'Export', and 'Close'.

### ***Use suggested locations?***

Enables the location suggestion functionality.

### ***Allow to suggest an empty fixed pick location?***

When getting the list of locations, can an empty fixed pick location be suggested? If an empty fixed pick location is found, this will be the first suggested location.

### ***Allow to suggest pick locations during moves?***

Are pick locations allowed to be suggested?  
This is used on the ad hoc move flows.

### ***Allow to suggest pick locations during put away?***

Are pick locations allowed to be suggested?  
This is used on the put away or reception flow.

### **Force to use first suggested location during moves?**

Is the user forced to use the first suggested location?  
If he is forced to do this, but he enters another location, he will need to enter a reason.  
This is used on the ad hoc move flows.

### **Force to use first suggested location during put away?**

Is the user forced to use the first suggested location?  
If he is forced to do this, but he enters another location, he will need to enter a reason.  
This is used on the put away or reception flow.

### **Order by (Moves)**

The order by clause for the locations that need to be retrieved.  
A predefined value can be selected:

- CASE COUNT( "PMX\_INVT"."InternalKey" ) WHEN 0 THEN 0 ELSE 1 END,  
ISNULL("PAZ"."Sequence", 999999999),CASE WHEN "PAZ"."SortPickSequenceDescending" =  
'Y' THEN "PMX\_OSSL"."Sequence" \*-1 ELSE "PMX\_OSSL"."Sequence" END,"PMX\_OSSL"."Code"

It sorts the location on:

- Empty locations
- Put away zone sequence (Defined on the location)
- Pick sequence of locations that belong to the put away zone
- Location code

The value can be adjusted freely.

The setting applies to the following flows:

- Ad hoc moves
- Move orders
- Unpicking for production
- Undo picking
- Consolidated moves

### **Order by (Put away)**

The order by clause for the locations that need to be retrieved.  
A predefined value can be selected:

- CASE COUNT( "PMX\_INVT"."InternalKey" ) WHEN 0 THEN 0 ELSE 1 END,  
ISNULL("PAZ"."Sequence", 999999999),CASE WHEN "PAZ"."SortPickSequenceDescending" =  
'Y' THEN "PMX\_OSSL"."Sequence" \*-1 ELSE "PMX\_OSSL"."Sequence" END,"PMX\_OSSL"."Code"

It sorts the location on:

- Empty locations
- Put away zone sequence (Defined on the location)
- Pick sequence of locations that belong to the put away zone
- Location code

The value can be adjusted freely.  
This is used on the put away or reception flow.

For more information about the usage see: [Location suggestions](#)

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Last update: **2025/11/26 09:29**

