

2.3.45. Location controller

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. On the left, there is a tree view with 'Organizational Structure' and 'WMS_Demo (COMP)' (Empty = 55/55). The main area displays the configuration for the 'Location controller (LCTRL)' extension. The 'Extension' dropdown is set to 'Location controller - Handle location suggestions (LOCONTR)'. The 'General' tab is active, showing several configuration options:

- Use suggested locations?** ☐
- Allow to suggest an empty fixed pick location?** ☒
- Allow to suggest pick locations during moves?** ☐
- Allow to suggest pick locations during put away?** ☐
- Force to use first suggested location during moves?** ☒
- Force to use first suggested location during put away?** ☒
- Order by (Moves)**
- Order by (Put away)**

At the bottom, there are 'Ok', 'Cancel', 'Export', and 'Close' buttons.

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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