

SAP WMS BAPI and User-Exits



Business Application Programming Interface (BAPI) is used in SAP to achieve **business** related functionalities. It is a remote-enabled function module which is provided by SAP.

A User-Exit is a handle that SAP put into their code, allowing a **customer** to add their own routines.

SAP WMS BAPI for Transfer Requirements

Transfer requirements are used to pass on information on goods movements that are posted in *Inventory Management* (MM-IM) to the *Warehouse Management System* (WMS). You can, however, also use transfer requirements for the following purposes:

- To initiate goods movements in WMS
- To initiate material replenishment for production storage bins in the production supply areas using the Production Planning (PP) component
- To call up transfer requirement reports in order to get an overview of all pending goods movements

Function module for Transfer Requirements

Function Module	Description
L_TR_CREATE_CHECK	Plausibility checks
L_TR_CREATE_UPDATE	Database updates according to plausibility checks
L_TR_CREATE	Plausibility checks and database updates
L_TR_CANCEL	Cancel plausibility checks and database updates

User-Exit for Transfer Requirements

User-Exit	Description
MWMTOAU1	This custom exit allows to influence the selection of transfer requirements for the automatic creation of transfer orders.
MWMTOAU2	This SAP WM exit allows you to influence the selection of transfer requirements for the automatic creation of multiple transfer orders using groups.

SAP WMS BAPI for Transfer Order

The transfer of stock using a stock transport order has the following advantages over the transfer of stock without a stock transport order:

- A goods receipt can be planned in the receiving plant.
- You can enter a vendor (freight vendor) in the stock transport order.
- Delivery costs can be entered in the stock transport order.
- The stock transfer order is part of MRP: Purchase requisitions that were created in MRP can be converted into stock transport orders.
- The system can run an availability check for the stock transfer.

Function module for Transfer Order

Function Module	Description
L_TO_CREATE_SINGLE	Create a transfer order with one item
L_TO_CREATE_MULTIPLE	Create a transfer order with two or more items
L_TO_CREATE_MOVE_SU	Create a transfer order to move a storage unit
L_TO_CREATE_MOVE_LSR	Initiate a stock transfer of storage units from an external system
L_TO_CREATE_TR	Create a transfer order for a transfer requirement
L_TO_CREATE_DN	Create a transfer order for a delivery

Function Module	Description
L_TO_CONFIRM	Confirm a transfer order
L_TO_CONFIRM_SU	Confirm a transfer order for a storage unit
L_TO_CANCEL	Cancel a transfer order
L_TO_CANCEL_SU	Cancel a transfer order for a storage unit
L_REF_CREATE	Create transfer orders using multiple processing
L_TO_CREATE_2_STEP_PICKING	Create transfer orders for 2-step picking
L_TO_CREATE_POSTING_CHANGE	Create transfer orders for posting changes

User-Exit for Transfer Order

Customer exit	Description
MWMTO001	Update own data after creating transfer orders
MWMTO002	Update own data after confirming transfer orders
MWMTO003	Customer-defined putaway strategy. This task allows you to create and implement your own putaway strategy.
MWMTO004	Customer-defined picking strategy
MWMTO005	TO-related underdelivery (shortage)
MWMTO006	Storage-bin-related overdelivery
MWMTO007	Palletization and storage type search for putaway
MWMTO008	Storage type search for picking
MWMTO009	Prevents deletion of TO items