IME Rate and Litre

Requirements:

1. Add two fields ‘Rate’ and ‘Litre’ with decimal data type in table ‘Items Unit of Measure’.
2. Litre := Quantity \* Rate
3. Create new field ‘Available Inventory (in ltr.)’ in Item table and pull in Item card. Multiply field ‘Available Inventory’ with ‘Litre’ and display in ‘Available Inventory (in ltr.)’
4. Create new field ‘Inventory (in ltr.)’ in Item table and pull in Item card. Multiply field ‘Inventory’ with ‘Litre’ and display in ‘Inventory (in ltr.)’

Solution

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| **Rate - OnValidate()**  **CLEAR(Litre);**  **Litre := ("Qty. per Unit of Measure" \* Rate \* "Per box Qty. (Unit)");**  **Item.RESET;**  **IF Item.GET(Rec."Item No.") THEN**  **CalcItemInvLtr**(); |
| **Per box Qty. (Unit) - OnValidate()**  **Litre := "Qty. per Unit of Measure" \* Rate \* "Per box Qty. (Unit)";**  **Item.RESET;**  **IF Item.GET(Rec."Item No.") THEN BEGIN**  **Item."Pack Size" := "Per box Qty. (Unit)";**  **CalcItemInvLtr();**  **END;** |

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| **LOCAL CalcItemInvLtr()**  **IF Item.OverAllInventory <> 0 THEN**  **Item."Available Inventory (in Ltr)" := (Item.OverAllInventory\* Litre);**  **UserSetup.GET(USERID);**  **LocationCode := UserSetup."Default Location Code";**  **OvInventory := 0;**  **ItemLedgerEntry.RESET;**  **ItemLedgerEntry.SETRANGE("Item No.",Item."No.");**  **ItemLedgerEntry.SETRANGE("Location Code", LocationCode);**  **IF ItemLedgerEntry.FINDFIRST THEN**  **REPEAT**  **OvInventory += ItemLedgerEntry."Remaining Quantity";**  **UNTIL ItemLedgerEntry.NEXT = 0;**  **Item."Inventory (in Ltr)" := (OvInventory \* Litre);**  **Item.MODIFY**(); |

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