Transfer

Transfer Object

Transfer is a transaction used to move inventory from one location to another. Like all transactions it is comprised of a Doc portion (Transfer) and one or more Line Items (TransferLineItem). TransferLineItem may optionally include one or more Details.

- End Point
- Properties - Transfer
- Properties - Transfer Line Item
- Properties - Transfer Line Item Details
- Json Sample

End Point

/transfer

GET, POST, DELETE

GET and DELETE requests expect parameter docNo of type Int32.

Top

Properties - Transfer

Property	Caption	Data Type	Required
FromLocationRef	From Location	EntityRef	True
ToLocationRef	To Location	EntityRef	True
DocNo	No.	Int32	False
Date	Date	DateTime	True
StatusRef	Status	EntityRef	False
ShippingMethodRef	Shipping Method	EntityRef	False
Memo	Memo	String (4000)	False
TrackingNo	Tracking No	String(50)	False
LineItems	Items	Array of TransferLineItem	True
CustomFields	Custom Fields	Array of CustomFieldData	False

Properties - Transfer Line Item

Property	Caption	Data Type	Required	Read Only
$type	This property MUST be included to tell the API what type of item is being added. The value should be "AOLib7.TransferLineItem, AOLib7"			
Id	Id	Int32	False	True
LineNo	Line No	Int16	False	True
ItemRef	Item	EntityRef	True	False
Quantity	Quantity	Decimal	True	False
Price	Price	Decimal	False - 0 will be ignored	False
CustomFields	Custom Fields	Array of CustomFieldData	False	False
Details	Line Item Details	Array of FillBinBase	False	False

> The Quantity should be an absolute decimal value representing the quantity being transferred for that item.

Properties - Transfer Line Item - Details

The Details node is comprised of Line Item Details.   If you have used the Form Designer, you know that you can add details to show the Bins and Lot or Serial No data for inventoried items. Only inventoried items comprising of Part and Assembly items need Details.   You only need to include Details if you want to specifically identify the bins and / or lot and serial numbers being included.   If you include Details for one Transfer Line item then you must do so for all inventoried Transfer Line Items and visa versa. Details MUST include both From and To Bins. Make the Quantity negative for From Bins and positive for To Bins.

You cannot have some inventoried Transfer Line Items with Details and some without.

Line Item Details are comprised of an Array of FillBinBase.   FillBinBase can morph into either FillBin or DocFillLotOrSerial. DocFillLotOrSerial is used when the item has TrackLotOrSerial set to true and FillBin is used otherwise.

Property	Caption	Data Type	Required	Read Only	Applied to
$type	This property MUST be included to tell the API what type of Detail is being added. The value should be "AOLib7.FillBin, AOLib7" or "AOLib7.DocFillLotOrSerial, AOLib7"				
Id	Id	Int32	False	True	Both

BinRef	Bin	EntityRef	True	False	Both
LotOrSerialNo	Lot Or Serial No	String (50)	True	False	DocFillLotOrSerial
ExpirationDate	Expiration Date	DateTime	True	False	DocFillLotOrSerial
Quantity	Quantity	Decimal	True	False	Both
Description	Description	String (4000)	False	False	DocFillLotOrSerial
CustomFields	Custom Fields	Array of CustomFieldData	False	False	DocFillLotOrSerial

Json Sample

```
{
    "FromLocationRef": {
        "Id": 10
    },
    "ToLocationRef": {
        "Id": 265
    },
    "Date": "2018-11-05T00:00:00",
    "LineItems": [
        {
            "$type": "AOLib7.TranferLineItem, AOLib7",
            "ItemRef": {
                "Id": 30
            },
            "LineNo": 1,
            "Quantity": 2,
            "Details": [
                {
                    "$type": "AOLib7.FillBin, AOLib7",

                    "BinRef": {
                        "Id": 8,
                        "Name": "Floor"
                    },
                    "Quantity": -2

                },
                {
                    "$type": "AOLib7.FillBin, AOLib7",

                    "BinRef": {
                        "Id": 260,
                        "Name": "Default"
                    },
                    "Quantity": 2

                }
            ]
        },
    "StatusRef": {

        "Name": "Received"
    }
}
```