

Purchase Order

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Purchase Order Order Object

Purchase Order is a transaction involved in the **purchasing cycle**. Like all transactions it is comprised of a Doc portion (Sales Order) and one or more Line Items (PurchaseOrderLineItem).

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End Point

/purchaseorder

GET, POST, PUT, DELETE

GET and DELETE requests expect parameter docNo of type Int32.

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Properties - Purchase Order

Property	Caption	Data Type	Required	Can Update with PUT
VendorRef	Vendor	EntityRef	True	False
BillAddressRef	Bill To	EntityRef	False	True
DocNo	No.	Int32	False	False
Date	Date	DateTime	True	True
PromiseDate	Promise Date	DateTime	True	True
StatusRef	Status	EntityRef	False	True
ClassRef	Class	EntityRef	False	True
CurrencyRef	Currency	EntityRef	False	True
FOB	FOB	String (50)	False	True
InternalNotes	Internal	String (4000)	False	True

	Notes			
Memo	Memo	String (4000)	False	True
LocationRef	Location	EntityRef	True	True
ShipMethodRef	Shipping Method	EntityRef	False	True
TermRef	Terms	EntityRef	False	True
ExchangeRate	Exchange Rate	Decimal	False	True
AllowShipPartial	Allow Ship Partial	Boolean	True	True
LineItems	Items	Array of PurchaseOrderLineItem	False	False
DropShipCustomerRef	Customer	EntityRef	False	True
DropShipAddressRef	Ship To	EntityRef	True if DropShipCustomerRef is set	True
DropShipAddress	Address	Customer Address	False	False
DropShipCustomerPO	Customer PO	String(50)	False	True
CustomFields	Custom Fields	Array of CustomFieldData	False	True

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Properties -Purchase Order 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.PurchaseOrderLineItem, AOLib7"			
Id	Id	Int32	False	True
LineNo	Line No	Int16	False	True
ItemRef	Item	EntityRef	True	False
Description	Description	String (4000)	False	False
LineInstructions	Line Instructions	String (4000)	False	False
SalesTaxCodeRef	Tax Code	EntityRef	False	False
UomRef	UOM	EntityRef	False	False

UomConversionRate	UOM Conversion Rate	Decimal	False	False
Cost	Cost	Decimal	True	False
Quantity	Quantity	Decimal	True	False
VendorPartNo	Part No	String (50)	False	False
CustomFields	Custom Fields	Array of CustomFieldData	False	False

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Json Sample

In order to create a sales order all you really need is the VendorRef and the BillToAddressRef. To add Line items, all you need is the ItemRef, Quantity and Cost. Order Time will fill in default vendor and item information automatically. Only include additional properties if you want to override the defaults. Here are some other rules:

- In order to override the exchange rate, you must also include a CurrencyRef
- In order to override the Unit of Measure conversion rate, you must also include a UomRef.

```
{
  "VendorRef": {
    "Id": 21,
    "Name": "Basket Case"
  },
  "BillAddressRef": {
    "Id": 2,
    "Name": "Main"
  },
  "Date": "2018-10-21T00:00:00",
  "PromiseDate": "2018-10-21T00:00:00",
  "LocationRef": {
    "Id": 10,
    "Name": "HQ"
  },
  "LineItems": [
    {
      "$type": "PurchaseOrderLineItem,, AOLib7",
      "ItemRef": {
        "Id": 37,
        "Name": "TSS - Grey - SN"
      },
      "Description": "Company Branded T-Shirt Large GREY Check out our website for other offers!",
      "Cost": 42,
      "Quantity": 12,
      "CustomFields": [
        {
          "Name": "POICust1",
          "Value": "Valve",
          "Caption": "H Code"
        }
      ]
    },
    {
      "$type": "AOLib7.PurchaseOrderLineItem,, AOLib7",
```

```
    "ItemRef": {
      "Id": 37,
      "Name": "TSS - Grey - FSN"
    },
    "Description": "Company Branded T-Shirt XLarge GREY Check out our website for o
ther offers!",
    "Cost": 42.5,

    "Quantity": 6,
    "CustomFields": [
      {
        "Name": "POICust1",
        "Value": "Dry",
        "Caption": "H Code"
      }
    ]
  },
  ],

  "StatusRef": {
    "Id": 8,
    "Name": "Processing"
  },
  "CustomFields": [
    {
      "Name": "POCust1",
      "Value": "2018-10-24T00:00:00",
      "Caption": "GTD"
    }
  ]
}
```

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