

PO

The PO Table

Table

Main object

psdi.app.po.POSet

UniqueID: POID

Primary key: SITEID + PONUM + REVISIONNUM

LOGICAL RELATIONSHIPS

FOREIGN KEYS INTO PO

Object(Parent Keys)	Target Object(Target Keys)	Rel Number	Description
PO(SITEID, PONUM, REVISIONNUM)	ASSETTRANS(POSITEID, PONUM, POREVISIONNUM)	1 to many	PO associated with move.
PO(SITEID, PONUM)	PQ(SITEID, ORIGINALPONUM)	1 to many	Original PO
PO(SITEID, PONUM, REVISIONNUM)	POECOMSTATUS(SITEID, PONUM, REVISIONNUM)	1 to many	Purchase Order
PO(SITEID, PONUM, REVISIONNUM)	POLINE(SITEID, PONUM, REVISIONNUM)	1 to many	Lines of the Purchase Order
PO(SITEID, PONUM, REVISIONNUM)	POSTATUS(SITEID, PONUM, REVISIONNUM)	1 to many	PO Status History
PO(SITEID, PONUM, REVISIONNUM)	POTERM(SITEID, PONUM, REVISIONNUM)	1 to many	PO Terms
PO(SITEID, PONUM)	SERVRECTRANS(POSITEID, PONUM)	1 to many	PO
PO(SITEID, PONUM, REVISIONNUM)	WOACTIVITY(SITEID, GENERATEDFORPO, GENFORPOREVISION)	1 to many	PO generated for the Activity
PO(SITEID, PONUM, REVISIONNUM)	WOCHANGE(SITEID, GENERATEDFORPO, GENFORPOREVISION)	1 to many	PO generated for the Change
PO(SITEID, PONUM, REVISIONNUM)	WORELEASE(SITEID, GENERATEDFORPO, GENFORPOREVISION)	1 to many	PO generated for the Release
PO(SITEID, PONUM, REVISIONNUM)	WORKORDER(SITEID, GENERATEDFORPO, GENFORPOREVISION)	1 to many	PO generated for the Work Order

PO FOREIGN KEYS

Object(Parent Keys)	Target Object(Target Keys)	Rel Number	Description
ADDRESS(ORGID, ADDRESSCODE)	PQ(ORGID, BILLTO)	1 to many	Where to send the PO Bill
ADDRESS(ORGID, ADDRESSCODE)	PQ(ORGID, BUYERCOMPANY)	1 to many	Purchasing Agent that will do the buying.
ADDRESS(ORGID, ADDRESSCODE)	PQ(ORGID, SHIPTO)	1 to many	Shipping Address
COMPANIES(ORGID, COMPANY)	PQ(ORGID, VENDOR)	1 to many	Company on PO
CONTRACT(CONTRACTNUM, REVISIONNUM, ORGID)	PQ(CONTRACTREFNUM, CONTRACTREFREV, ORGID)	1 to many	Contract for PO
CURRENCY(CURRENCYCODE)	PQ(CURRENCYCODE)	1 to many	PO's Currency
LANGUAGE(MAXLANGCODE)	PQ(LANGCODE)	1 to many	Language for the record
LOCATIONS(SITEID, LOCATION)	PQ(STORELOCSITEID, STORELOC)	1 to many	Storeroom location for PO items.
ORGANIZATION(ORGID)	PQ(ORGID)	1 to many	Organization for the record
PERSON(PERSONID)	PQ(BILLTOATTN)	1 to many	Person to bill to.
PERSON(PERSONID)	PQ(CHANGEBY)	1 to many	Person who last changed the record.
PERSON(PERSONID)	PQ(PURCHASEAGENT)	1 to many	Purchasing Agent
PERSON(PERSONID)	PQ(SHIPTOATTN)	1 to many	Person to ship to.
PO(SITEID, PONUM)	PQ(SITEID, ORIGINALPONUM)	1 to many	Original PO
SITE(SITEID)	PQ(SITEID)	1 to many	Site for the record
SITE(SITEID)	PQ(STORELOCSITEID)	1 to many	Site for the record

COLUMNS

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
PONUM	Required	PO	Identifies the purchase order record. This value must be unique for all purchase order records.		
DESCRIPTION		Description	Describes the purchase order. To enter or view additional information, click the Long Description button.	DESCRIPTION	<u>PR</u>
PURCHASEAGENT		Buyer	Purchasing agent responsible for ordering the item(s).	PERSONID	<u>PERSON</u>
ORDERDATE		Ordered Date	Date and time when the purchase order was issued. The default is the system date and time at the time of creation.		
REQUIREDDATE		Required Date	Date when the purchase order line items are needed.		
FOLLOWUPDATE		Follow-up Date	Date that the vendor should be contacted for follow-up information on the purchase order.		
POTYPE		Type	Identifies the purchase order type.		
ORIGINALPONUM		Original PO	Identifies the original purchase order from which this purchase order was created.	PONUM	<u>PO</u>
STATUS	Required	Status	Current status of the purchase order.		
STATUSDATE	Required	Status Date	Date and time that the PO status was last changed. The default is the system date and time at the time of the status change.		
VENDOR		Company	Identifies the vendor for the item.	COMPANY	<u>COMPANIES</u>
CONTACT		Contact	Primary person to contact at the vendor.	CONTACT	<u>COMPANIES</u>
FREIGHTTERMS		Freight Terms	Describes what is being shipped. Any riders to the shipping agreement should be included here. To enter or view additional information, click the Long Description button. For example, Fresh Fruit. Perishable. Must meet delivery dates.	FREIGHTTERMS	<u>COMPANIES</u>
PAYMENTTERMS		Payment Terms	Specified terms of payment for this vendor. For example, net 30.	PAYMENTTERMS	<u>COMPANIES</u>
SHIPVIA		Ship Via	Specifies how the goods should be shipped. For example, First Class Mail.	SHIPVIA	<u>COMPANIES</u>
CUSTOMERNUM		Customer #	Number used by the vendor to identify your company.	CUSTOMERNUM	<u>COMPANIES</u>
FOB		FOB Point	Free On Board Point. The point where responsibility and liability are transferred. The FOB point is usually either the destination or the shipping point.	FOB	<u>COMPANIES</u>

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
SHIPTO		Ship To	Address code where the order will be shipped.	ADDRESSCODE	<u>ADDRESS</u>
SHIPTOATTN		Attention	Person to whom the order is being shipped.	PERSONID	<u>PERSON</u>
BILLTO		Bill To	Address code where the order will be billed.	ADDRESSCODE	<u>ADDRESS</u>
BILLTOATTN		Attention	Person to whom the bill will be sent.	PERSONID	<u>PERSON</u>
TOTALCOST		Total Cost	Total cost for the PO, including taxes. Maximo calculates this amount using the value in the Currency field. If the Currency field is blank, Maximo calculates this amount in your company's base currency.		
CHANGEBY	Required	Changed By	Last Modified By	PERSONID	<u>PERSON</u>
CHANGEDATE	Required	Changed Date	Last Modified Date		
PRIORITY	Required	Priority	Priority level for this purchase order. You should limit your range of values from 0-9, where 0 designates the lowest priority.		
HISTORYFLAG	Required	History	Specifies whether to include PO records that are stored in history, rather than just current records, in the query. Records stored in history are closed, cancelled, etc. If the check box is selected, records stored in history will be included in the query results. If the check box is cleared, only current records will be included in the query results.		
PO1		Po1	Extra Field 01	PR1	<u>PR</u>
PO2		Po2	Extra Field 02	PR2	<u>PR</u>
PO3		Po3	Extra Field 03	PR3	<u>PR</u>
PO4		Po4	Extra Field 04	PR4	<u>PR</u>
PO5		Po5	Extra Field 05	PR5	<u>PR</u>
PO6		Po6	Extra Field 06	PR6	<u>PR</u>
PO7		Po7	Extra Field 07	PR7	<u>PR</u>
PO8		Po8	Extra Field 08	PR8	<u>PR</u>
PO9		Po9	Extra Field 09	PR9	<u>PR</u>
PO10	Required	Po10	Extra Field 10	PR10	<u>PR</u>
VENDELIVERYDATE		Vendor Date	Date when the vendor expects to deliver the order.		
RECEIPTS		Receipts	Status of line items received. Possible values are None (the default when you create the PO), Partial, and Complete.		
CURRENCYCODE	Required	Currency	Identifies the currency the PO is in.	CURRENCYCODE	<u>CURRENCY</u>
EXCHANGERATE		Exchange Rate	Exchange rate at time of PO approval.	EXCHANGERATE	<u>EXCHANGE</u>
EXCHANGEDATE		Exchange Date	Date of the exchange rate.		

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
BUYAHEAD	Required	Buy Ahead Rate	Is this a buy ahead rate, ie entered directly by the user and not calculated from the list of active exchange rate.		
TOTALTAX1		Total Tax	Total Tax applied to the PO. Maximo calculates this amount based on the line items entered on the PO Lines tab.		
TOTALTAX2		Total Tax 2	Amount of Tax 2 Payable		
TOTALTAX3		Total Tax 3	Amount of Tax 3 Payable		
INCLUSIVE1	Required	Pay Tax to Vendor	Specifies if the vendor is authorized to collect taxes and you will pay the tax amount to the vendor. Select the checkbox if you want to pay taxes to the vendor. Clear the checkbox if there is no tax, or if you want to pay taxes directly to the taxing authority.		
INCLUSIVE2	Required	Include Tax 2	Is the PO total inclusive of Tax 2		
INCLUSIVE3	Required	Include Tax 3	Is the PO total inclusive of Tax 3		
INTERNAL	Required	Internal	Specifies if the vendor is within your company. If the vendor is within your company (making this PO an internal PO), select the check box. If this PO is not an internal PO, clear the check box. An internal order cannot be for a service; it may only be for inventory material from a storeroom.		
TOTALTAX4		Total Tax 4	Amount of Tax4 payable.		
TOTALTAX5		Total Tax 5	Amount of Tax5 payable.		
INCLUSIVE4	Required	Include Tax 4	Is the PO total inclusive of Tax 4.		
INCLUSIVE5	Required	Include Tax 5	Is the PO total inclusive of Tax 5.		
STARTDATE		Start Date	Date when the PO becomes active.		
ENDDATE		End Date	Date when PO is no longer active.		
PAYONRECEIPT	Required	Pay on Receipt	Specifies whether you have a pay on receipt agreement with the vendor. If the check box is selected, Maximo will generate an invoice upon receipt of the item or service. If the check box is cleared (the default), no invoice is generated.	PAYONRECEIPT	<u>COMPANIES</u>
BUYERCOMPANY		Buyer Company	Site location of the purchasing agent responsible for ordering the item(s). The buyer company links the buyer's address to the order.	ADDRESSCODE	<u>ADDRESS</u>
EXCHANGERATE2		Secondary Exchange Rate	Exchange Rate 2	EXCHANGERATE	<u>EXCHANGE</u>

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
MNETSENT		E-commerce Status	Has the PO been sent electronically?		
ECOMSTATUSDATE		E-commerce Date of Status Change	Date of the most recent Ecommerce transaction.		
SOURCESYSID		Source System ID	Source System ID	OWNER1SYSID	<u>MXCOLLAB</u>
OWNERSYSID		Owner System ID	Owner System ID	OWNER1SYSID	<u>MXCOLLAB</u>
EXTERNALREFID		External Reference ID	External Reference ID		
SENDERSYSID		Sender System ID	Column used by ERP-Integration (APIs)		
SITEID	Required	Site	Site where the purchase order was entered.	SITEID	<u>SITE</u>
ORGID	Required	Organization	Organization Identifier	ORGID	<u>ORGANIZATION</u>
DESCRIPTION_LONGDESCRIPTION	Nonperistent	Details	Long Description for Purchase Order Description		
FREIGHTTERMS_LONGDESCRIPTION	Nonperistent	Freight Terms Long Description	Long Description for Freight Terms		
RECEIVEDTOTALCOST	Nonperistent	Received Cost	RECEIVEDTOTALCOST		
POTYPEMODE	Nonperistent	Mode Type	POTYPEMODE		
TOTALBASECOST	Nonperistent	Total Base Cost	Total cost of the PO, in your company's base currency. This value is the Total Cost multiplied by the current exchange rate for the specified currency. If the PO is not yet approved, the value in this field is calculated at the exchange rate in effect at the time the PO was created. Once the PO is approved, the value in this field is calculated at the exchange rate in effect at approval time.		
PRETAXTOTAL	Nonperistent	Pretax Total	Total cost for the goods on the PO, excluding taxes.		
CONTRACTREFNUM		Contract Reference	Identifies the contract that was used to find the price of the item.	CONTRACTNUM	<u>CONTRACT</u>
POID	Required	POID	Unique Identifier		
CONTRACTREFID		Contract Reference ID	Contract reference identifier	CONTRACTID	<u>CONTRACT</u>
CONTRACTREFREV		Contract Revision	Revision number of the referenced contract.	REVISIONNUM	<u>CONTRACT</u>
CONRELEASESEQ		Release #	Identifies the sequential release number.	REVISIONNUM	<u>CONTRACT</u>
STORELOC		Storeroom	Storeroom location of the item. This field is required if the Issue on Receipt? check box on the PO Lines tab is cleared.	LOCATION	<u>LOCATIONS</u>
STORELOCSITEID		Storeroom Site	Identifies the site where the storeroom is located.	SITEID	<u>SITE</u>

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
INSPECTIONREQUIRED	Required	Inspection Required	Specifies whether this item requires an approval of the receipt. When you receive items that require inspection, Maximo records a receipt transaction. However, the item does not appear in the storeroom until the receipt is approved. If the check box is selected, the item requires inspection. If the check box is cleared (the default), no approval of the receipt is necessary.	INSPECTIONREQUIRED	<u>COMPANIES</u>
NP_STATUSEMEMO	Nonpersistent	Change Status Memo	Status change memo, temporary non-persistent field used by MEA	MEMO	<u>WEFTRANSACTION</u>
LANGCODE	Required	Language Code	Language Column	MAXLANGCODE	<u>LANGUAGE</u>
HASLD	Required	Has Long Description	Boolean flag to indicate if there is any long description for this record		
STATUSIFACE	Required Nonpersistent	Has Status Changed	Non persistent boolean field to indicate whether the status has been changed after the stateful object is fetched from the database.		
REVISIONNUM	Required	Revision	Revision number of the purchase order. Indicates how many times a purchase order has been revised. A purchase order that has not been revised displays 0 for the revision number.	REVISIONNUM	<u>CONTRACT</u>
REVCOMMENTS		Revision Comments	Description of the changes to the purchase order.	DESCRIPTION	<u>PR</u>
INTERNALCHANGE	Required	Internal Change	When checked, Internal Change means that the purchase order contains information that you do not want to show to the vendor. This is an information-only field that does not affect the processing of purchase orders.		
ALLOWRECEIPT	Required Nonpersistent	Allow Receipts and Invoices	Allow Receipts flag. Non-persistent attribute used by MEA process.		
IGNORECNTREV	Required	Bypass Contract Revision on PO Approval	You can bypass the validation of revisions to the contract that is associated with a purchase order, if any. You can then approve the purchase order.		
REVCOMMENTS_LONGDESCRIPTION	Nonpersistent	Revision Comments Long description	Long Description for Revision Comments		

MAXIMO RELATIONSHIPS

MAXIMO OUTGOING RELATIONSHIPS

Name	Target	Remarks	Where Clause
BILLTO	<u>ADDRESS</u>	Relationship to the Address table, used to find all bill to address records for a given purchase order. (address.addresscode = po.billto). The resulting set will contain one object.	addresscode = :billto and orgid=:orgid
SHIPTO	<u>ADDRESS</u>	Relationship to the Address table, used to find all ship to address records for a given purchase order. (address.addresscode = po.shipto). The resulting set will contain one object.	addresscode = :shipto and orgid=:orgid
ASSETINPUT	<u>ASSETINPUT</u>	Relationship to the non-persistent AssetInput table. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Receive Rotating Items action to display records based on MatRecTrans table with rotating asset for a given purchase order.	null
ASSETMOVEDFLT	<u>ASSETMOVEDFLT</u>	Relationship to the po assetmovedflt records, used to find the assetmovedflt records for a given po.	null
COMMLOG	<u>COMMLOG</u>	Relationship to the commlog records, used to find the worklog records for a given PO.	ownerid=:poid and ownertable='PO'
COMMODITIES	<u>COMMODITIES</u>	Relationship to the Commodities table to show only the commodities with servicetype as BOTH and PROCURE	servicetype in (select value from synonymdomain where domainid='SERVICETYPE' and maxvalue ('BOTH','PROCURE'))
PO_SHIPTO	<u>COMPANIES</u>	null	company=:shipto and orgid=:orgid
PO_VENDOR	<u>COMPANIES</u>	null	company=:vendor and orgid=:orgid
PO_BILLTO	<u>COMPANIES</u>	null	company=:billto and orgid=:orgid
VENDOR	<u>COMPANIES</u>	Relationship to the Companies table, used to find all vendor company records for a given purchase order. (companies.company = po.vendor). The resulting set will contain zero or more objects.	company = :vendor and orgid=:orgid
CONTRACTREF	<u>CONTRACT</u>	Relationship to the Contract table, used to find a contract record for a given purchase order contract reference number (contract.contractid = po.contractrefid and contract.orgid = po.orgid). The resulting set will contain zero or one object.	contractid = :contractrefid
CREATECONTRACT	<u>CONTRACTFROMPO</u>	Relationship to the non-persistent ContractFromPO table. (No where clause). The resulting set will contain zero objects.	null
CONTRACTREFLINE	<u>CONTRACTLINE</u>	Relationship to the CONTRACTLINE table, used to find all contract line records for a given purchase. (contractlineid in (select contreflineid from poline where ponum=po.ponum and siteid=po.siteid)). The resulting set will contain zero or more objects.	contractlineid in (select contreflineid from poline where ponum=:ponum and siteid=:siteid)
CONTRACTREFLINEVIEW	<u>CONTRACTLINE</u>	Relationship to the CONTRACTLINE table, used to find all contract line records for a given purchase. (contractlineid in (select contreflineid from poline where ponum=po.ponum and siteid=po.siteid)). The resulting set will contain zero or more objects.	contractlineid in (select contreflineid from poline where (polinum in (select polinum from matrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid) or (polinum in (select polinum from servrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid))

Name	Target	Remarks	Where Clause
DOCLINKS	<u>DOCLINKS</u>	Relationship to the DocLinks table, used to find all document records for a given purchase order. (doclinks.keytable = 'PO' and doclinks.keycolumn = 'PONUM' and doclinks.keyvalue = po.ponum\$DOCLINKS.KEYVALUE). The resulting set will contain zero or more objects. Note: The PO.PONum field value will be formatted to match the DocLinks.KeyValue data type.	(ownertable='PO' and ownerid=:poid) or (ownertable = 'COMPANIES' and ownerid=:companyid) or (select companiesid from companies where company=:vendor and orgid=:orgid)) or (ownertable = 'CONTRACT' and ownerid=:contractid) or (select contractid from contract where contractnum=:contractrefnum and revisionnum=:contractrefrev and orgid=:orgid)) or (ownertable = 'MRLINE' and ownerid in (select mrlineid from mrline where mrnum in (select mrnum from poline where ponum=:ponum and siteid=:siteid and siteid=:siteid)) or (ownertable = 'PR' and ownerid in (select prid from pr where prnum in (select prnum from prline where ponum=:ponum and positeid=:siteid) and siteid=:siteid)) or (ownertable = 'RFQ' and ownerid in (select rfqid from rfq where rfqnum in (select rfqnum from rfqline where ponum=:ponum and siteid=:siteid) and siteid=:siteid))
DRILLDOWN	<u>DRILLDOWN</u>	Relationship from the PO to the non-persistent DrillDown table. (No where clause). The resulting set will contain zero objects. This relationship is used when the DrillDown page is launched from a location or asset field.	null
INVOICELINE	<u>INVOICELINE</u>	Relationship to the InvoiceLine table, used to find all invoice line records for a given purchase order. (invoiceline.ponum = po.ponum and invoiceline.positeid = po.siteid). The resulting set will contain zero or more objects.	ponum=:ponum and positeid=:siteid
INVOICELINEVIEW	<u>INVOICELINE</u>	Relationship to the InvoiceLine table, used to find all invoice line records for a given purchase order line. (invoiceline.ponum = poline.ponum and invoiceline.siteid = poline.siteid and invoiceline.polinenum = poline.polinenum). The resulting set will contain zero or more objects.	(polinenum in (select polinenum from matrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and positeid = :siteid) or (polinenum in (select polinenum from servrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and positeid = :siteid)
INVOICETRANS	<u>INVOICETRANS</u>	Relationship to the INVOICETRANS line table, used to find all INVOICETRANS line records for a given purchase order. (polinenum in (select polinenum from prline where prnum=prline.prnum and siteid=prline.siteid) and positeid = pr.siteid). The resulting set will contain zero or more objects.	invoicenum in (select invoicenum from invoiceline where ponum=:ponum and positeid=:siteid) and siteid in (select siteid from invoiceline where ponum=:ponum and positeid=:siteid)
INVRESERVE	<u>INVRESERVE</u>	Relationship to the InvReserve table, used to find PO records. The resulting set will contain zero or more objects.	ponum=:ponum and siteid=:siteid and itemnum in (select itemnum from poline where ponum=:ponum and siteid=:siteid)
INVUSE	<u>INVUSE</u>	Relationship to the INVUSE table, used to find the invuse records for a given invuseline. The resulting set will contain one object.	fromstoreloc=:storeloc and siteid=:siteid
INVVENDOR	<u>INVVENDOR</u>	Relationship to the InvVendor table, used to find all inventory vendor records for a given purchase order. (invvendor.vendor = po.vendor). The resulting set will contain zero or more objects.	vendor = :vendor and orgid = :orgid and (siteid=:siteid or siteid is null)
PURCHASEAGENT	<u>LABOR</u>	Relationship to the Labor table, used to find all purchase agent records for a given purchase order. (labor.laborcode = po.purchaseagent). The resulting set will contain one object.	laborcode = :purchaseagent and orgid=:orgid
SHIPTOATTN	<u>LABOR</u>	Relationship to the Labor table, used to find all ship to attention records for a given purchase order. (labor.laborcode = po.shiptoattn). The resulting set will contain one object.	laborcode = :shiptoattn and orgid=:orgid

Name	Target	Remarks	Where Clause
BILLTOATTN	<u>LABOR</u>	Relationship to the Labor table, used to find all bill to attention records for a given purchase order. (labor.laborcode = po.billtoattn). The resulting set will contain one object.	laborcode = :billtoattn and orgid=:orgid
LONGDESCRIPTION	<u>LONGDESCRIPTION</u>	Relationship to the longdescription table, used to find all longdescription records for po. The resulting set will contain zero or more objects.	ldkey=:poid and ldownertable = 'PO'
MATRECTRANS	<u>MATRECTRANS</u>	Relationship to the MatRecTrans table, used to find all material receipt transaction records for a given purchase order. (matrectrans.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum = :ponum and positeid=:siteid
NOCOSTMATRECTRANS	<u>MATRECTRANS</u>	Relationship to the MatRecTrans table, used to find all material receipt transactions which has no parent and quantity is greater than 0. (matrectrans.ponum = po.ponum and matrectrans.belongsto is null and matrectrans.quantity > 0). The resulting set will contain zero or more objects. Note: This relationship is used only for the Receiving application, Select Items for Return (button) page to display material receipt transactions for a given purchase order.	ponum = :ponum and belongsto is null at quantity > 0 and siteid=:siteid
PARENTMATRECTRANS	<u>MATRECTRANS</u>	Relationship to the MatRecTrans table, used to find all parent material receipt transactions for a given purchase order. (matrectrans.ponum = po.ponum and matrectrans.belongsto is null). The resulting set will contain zero or more objects. Note: This relationship is used only for the Receiving application to display the main page of material receipts.	ponum = :ponum and belongsto is null at positeid=:siteid and status not in (select value from synonymdomain where domainid='RECEIPTSTATUS' and maxvalue='TRANSFER')
RECEIPTTYPEMATREC	<u>MATRECTRANS</u>	Relationship to the MatRecTrans table, used to find all records of type RECEIPT and TRANSFER that do not have a fromstoreloc of type HOLDING and that are not receipts of rotating assets (po.ponum = matrectrans.ponum and po.siteid = matrectrans.siteid and matrectrans.status is not null and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue in ('TRANSFER','RECEIPT')) and not exists (select locations.location from locations where locations.location=matrectrans.fromstoreloc and locations.siteid=matrectrans.fromsiteid and locations.type in (select value from synonymdomain where domainid='LOCTYPE' and maxvalue='HOLDING')))).	ponum=:ponum and positeid=:siteid and status is not null and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue in ('TRANSFER','RECEIPT')) and not exists (select locations.location from locations where locations.location=matrectrans.fromstoreloc and locations.siteid=matrectrans.fromsiteid and locations.type in (select value from synonymdomain where domainid='LOCTYPE' and maxvalue='HOLDING'))
POMATRECTRANS	<u>MATRECTRANS</u>	Relationship to the matrectrans table, used to find the matrectrans records for this PO. The resulting set will contain one or more objects.	ponum = :ponum and positeid=:siteid
INVOICETYPEMATREC	<u>MATRECTRANS</u>	Relationship to the MatRecTrans table, used to find all receipts of type INVOICE (po.ponum = matrectrans.ponum and matrectrans.issuetype=INVOICE).	ponum=:ponum and porevisionnum=:revisionnum and issuety in (select value from synonymdomain wh domainid='ISSUETYP' and maxvalue='INVOICE')

Name	Target	Remarks	Where Clause
UNAPPROVEDMATRECTRANS	<u>MATRECTRANS</u>	Relationship to the MatRecTrans table, used to find all parent material receipt transactions that have not been approved for a given purchase order. (matrectrans.ponum = po.ponum and matrectrans.belongsto is null and po.status = WAPPR and matrectrans.itemsetid = po.itemsetid). The resulting set will contain zero or more objects. Note: This relationship is used only for the Receiving application, Approve Receipts action to display records based on MatRecTrans table with WAPPR status of purchase orders.	ponum=:ponum and belongsto is null and (fromstoreloc is not null or itemnum is not null or itemnum in (select item.itemnum from item where matrectrans.itemnum=item.itemnum)) a status in (select value from synonymdom where maxvalue='WINSP' and domainid 'RECEIPTSTATUS') and positeid=:siteid
POLINESPECCLASS	<u>PDSPEC</u>	Relationship to the pdspec table, used to find the pdspec records for a given po (pdownerid=:poid and refobjectname='POLINE'). The resulting set will contain zero or more objects.	pdownerid=:poid and refobjectname='POLINE'
PDSPECCLASS	<u>PDSPEC</u>	Relationship to the pdspec table, used to find the pdspec records for a given po (pdownerid=:poid and refobjectname='POLINE'). The resulting set will contain zero or more objects.	pdownerid=:poid and refobjectname='POLINE'
SHIPTOPERSON	<u>PERSON</u>	Relationship to the Person table, used to find all person records for a given purchase order . (po.shiptoattn = person.personid). The resulting set will contain zero or more objects.	personid=:shiptoattn
BILLTOPERSON	<u>PERSON</u>	Relationship to the Person table, used to find all person records for a given purchase order . (po.billtoattn = person.personid). The resulting set will contain zero or more objects.	personid=:billtoattn
VIEWREVVHIST	<u>PQ</u>	Relationship to the PO table used to find all PO for a given Purchase Order	ponum=:ponum and siteid=:siteid
PO_ORIGINAL	<u>PQ</u>	null	ponum=:originalponum and siteid = :siteid
POCHANGESTATUS	<u>POCHANGESTATUS</u>	Relationship to the non-persistent POChangeStatus table. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Change Status action page to change the status of a given purchase order.	null
POECOMSTATUS	<u>POECOMSTATUS</u>	Relationship to the POEcomStatus table, used to find all purchase order ecommerce status records for a given purchase order. (poecomstatus.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and siteid = :siteid
POFROMPRINPUT	<u>POFROMPRINPUT</u>	Relationship to the non-persistent POFromPRInput table. (No where clause). The resulting set will contain zero objects.	null
POLINE	<u>POLINE</u>	Relationship to the POLine table, used to find all purchase order line records for a given purchase order. (poline.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and revisionnum=:revisionnum and siteid=:siteid
MKTPOLINE	<u>POLINE</u>	Relationship to the POLine table used to obtain all POLines that have the mktpolitem flag set to true (po.ponum=poline.ponum and poline.mktpolitem=yes).The resulting set will contain zero or more objects	ponum=:ponum and siteid=:siteid and mktpolitem=:yes
POLINEVIEW	<u>POLINE</u>	Relationship to the InvoiceLine table, used to find all invoice line records for a given purchase order line. (invoiceline.ponum = poline.ponum and invoiceline.siteid = poline.siteid and invoiceline.polinenum = poline.polinenum). The resulting set will contain zero or more objects.	(polinenum in (select polinenum from matrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid) or (polinenum in (select polinenum from servrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid)

Name	Target	Remarks	Where Clause
REVISIONLINE	<u>POLINE</u>	Relationship to the POLine table used to find all POLines for a given Purchase Order	ponum=:ponum and siteid=:siteid and revisionnum in (:revisionnum,(select max(revisionnum) from poline where ponum=:ponum and siteid=:siteid and revisionnum < :revisionnum)) and polinum in (select polinum from pol where ponum=:ponum and siteid=:siteid and revstatus in (select value from synonymdomain where domainid='REVSTATUS' and maxvalue i ('ADDED','CHANGED')) and revisionnum=:revisionnum)
COMPPOLINE	<u>POLINE</u>	Relationship to the POLine table, used to find all purchase order lines which have not yet completed the receipt for a given purchase order. (poline.ponum = po.ponum and poline.receiptscomplete = no). The resulting set will contain zero or more objects. Note: This relationship is used only for the Purchase Orders application, Complete Receipts action to display records based on POLine table with not completed receipt lines.	ponum=:ponum and revisionnum=:revisionnum and receiptscomplete = :no and siteid = :siteid
POREVISIONINPUT	<u>POREVISIONINPUT</u>	Relationship to the non-persistent PORevisionInput object. (No where clause). The resulting set will contain zero objects.	null
POSTATUS	<u>POSTATUS</u>	Relationship to the POSTatus table, used to find all status records for a given purchase order. (postatus.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and revisionnum=:revisionnum and siteid=:siteid
POTERM	<u>POTERM</u>	Relationship to the POTERM table, used to find all po term records for a given purchase order. (poline.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and revisionnum=:revisionnum and siteid=:siteid
PRLINE	<u>PRLINE</u>	Relationship to the PRLine table, used to find all purchase requisition line records for a given purchase order. (prline.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and orgid=:orgid and positeid=:siteid and porevisionnum=:revisionnum
PRLINES	<u>PRLINE</u>	Relationship to the PRLine table, used to find all purchase req line records for a given purchase order. (prline.ponum = po.ponum). The resulting set will contain zero or more objects. Relationship to the POLine table, used to find all purchase order line records for a given purchase order. (poline.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and positeid=:siteid and orgid=:orgid
PRLINEVIEW	<u>PRLINE</u>	Relationship to the InvoiceLine table, used to find all invoice line records for a given purchase order line. (invoiceline.ponum = poline.ponum and invoiceline.siteid = poline.siteid and invoiceline.polinum = poline.polinum). The resulting set will contain zero or more objects.	(polinum in (select polinum from matrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid) or (polinum in (select polinum from servrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid)
PURCHVIEW	<u>PURCHVIEW</u>	Relationship to the Purchase Contract, used to find all purchase contracts for a given release po. (purchview.contractid = po.contractrefid). The resulting set will contain zero or one object.	contractid=:contractrefid
RETURNRECEIPTINPUT	<u>RECEIPTINPUT</u>	Relationship to the non-persistent ReceiptInput table, used to create receipt return transactions for a given purchase order. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Select Item for Return (button) page to display return receipt transactions for a given purchase order.	null

Name	Target	Remarks	Where Clause
RETURNRECEIPTINPUTSRV	<u>RECEIPTINPUT</u>	Relationship to the non-persistent ReceiptInput table, used to create receipt return transactions for a given purchase order. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Select Item for Return (button) page to display return receipt transactions for a given purchase order.	null
MATRECEIPTINPUT	<u>RECEIPTINPUT</u>	Relationship to the non-persistent ReceiptInput table, used to find all material receipt transactions for a given purchase order. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Select Ordered Items(button) page to display material receipt transactions for a given purchase order.	null
VOIDRECEIPTINPUT	<u>RECEIPTINPUT</u>	Relationship to the non-persistent ReceiptInput table, used to create receipt void transactions for a given purchase order. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Select Receipts to Void (button) page to display receipt transactions for a given purchase order.	null
VOIDRECEIPTINPUTSRV	<u>RECEIPTINPUT</u>	Relationship to the non-persistent ReceiptInput table, used to create receipt void transactions for a given purchase order. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Select Receipts to Void (button) page to display receipt transactions for a given purchase order.	null
SERVRECEIPTINPUT	<u>RECEIPTINPUT</u>	Relationship to the non-persistent ReceiptInput table, used to find all service receipt transactions for a given purchase order. (No where clause). The resulting set will contain zero objects. Note: This relationship is used only for the Receiving application, Select Ordered Services (button) page to display service receipt transactions for a given purchase order.	null
ASSETSTORETURN	<u>RECEIPTINPUT</u>	Relationship to get all of the assets for this PO that are eligible for Returning to Vendor.	null
RECEIPTINPUTFIND	<u>RECEIPTINPUTFIND</u>	Relationship to the non-persistent ReceiptInputFind table. (No where clause). The resulting set will contain zero objects.	null
RFQLINE	<u>RFQLINE</u>	Relationship to the RFQLine table, used to find all rfq line records for a given purchase. (rfqline.siteid = po.siteid and rfqline.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and siteid=:siteid
RFQLINEVIEW	<u>RFQLINE</u>	Relationship to the InvoiceLine table, used to find all invoice line records for a given purchase order line. (invoiceline.ponum = poline.ponum and invoiceline.siteid = poline.siteid and invoiceline.polinenum = poline.polinenum). The resulting set will contain zero or more objects.	(polinenum in (select polinenum from matrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid) or (polinenum in (select polinenum from servrectrans where ponum=:ponum and positeid=:siteid) and ponum = :ponum and siteid = :siteid)

Name	Target	Remarks	Where Clause
RECEIPTTYPESRVREC	<u>SERVRECTRANS</u>	Relationship to the ServRecTrans table, used to find all records of type RECEIPT and TRANSFER that do not have a fromstoreloc of type HOLDING and that are not receipts of rotating assets (po.ponum = matrectrans.ponum and po.siteid = matrectrans.siteid and matrectrans.status is not null and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue in ('TRANSFER','RECEIPT'))	ponum=:ponum and positeid=:siteid and status is not null and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue in ('TRANSFER','RECEIPT'))
NOCOSTSERVRECTRANS	<u>SERVRECTRANS</u>	Relationship to the ServRecTrans table, used to find all service receipt transactions which has no parent. (matrectrans.ponum = po.ponum and servrectrans.belongsto is null). The resulting set will contain zero or more objects. Note: This relationship is used only for the Receiving application to display the main page of service receipts.	ponum = :ponum and belongsto is null at positeid=:siteid and porevisionnum <=:revisionnum
SERVRECTRANS	<u>SERVRECTRANS</u>	Relationship to the ServRecTrans table, used to find all service receipt transaction records for a given purchase order. (servrectrans.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and positeid=:siteid
INVOICETYPESERVREC	<u>SERVRECTRANS</u>	Relationship to the ServRecTrans table, used to find all receipts of type INVOICE (po.ponum = servrectrans.ponum and servrectrans.issuetype=INVOICE).	ponum=:ponum and porevisionnum=:revisionnum and issuety in (select value from synonymdomain wh domainid='ISSUETYP' and maxvalue='INVOICE')
UNAPPROVEDSERVRECTRANS	<u>SERVRECTRANS</u>	Relationship to the ServRecTrans table, used to find all parent service receipt transactions that have not been approved for a given purchase order. (servrectrans.ponum = po.ponum and servrectrans.approved = no and servrectrans.belongsto is null). The resulting set will contain zero or more objects. Note: This relationship is used only for the Receiving application, Approve Receipts action to display records based on ServRecTrans table with not approved receipts for a given purchase order.	ponum = :ponum and belongsto is null at status in (select value from synonymdom where maxvalue='WINSP' and domainid 'RECEIPTSTATUS') and positeid=:siteid
SFWVIEW	<u>SFWVIEW</u>	Relationship to the Software Contract, used to find all software contracts for a given release po. (sfwview.contractid = po.contractrefid). The resulting set will contain zero or one object.	contractid=:contractrefid
SHIPMENTLINE	<u>SHIPMENTLINE</u>	Relationship to the ShipmentLine table, used to find all shipment line records for a given purchase order. (shipmentline.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum = :ponum and siteid=:siteid
SITE	<u>SITE</u>	Relationship to the Site table, used to find site records for a given purchase order. (site.siteid = po.siteid and site.orgid = po.orgid). The resulting set will contain zero or one object.	siteid = :siteid and orgid = :orgid
STATUSDESC	<u>SYNONYMDOMAIN</u>	Relationship to synonymdomain table, used to find description for the status, it will contain one object.	domainid='POSTATUS' and value=:statu and :&DOMAINFILTER&_STATUS
DEFAULTPOTERM	<u>TERM</u>	Relationship to the Term table, used to find all term records with isdefault flag set to true. This resulting set will contain zero or more objects.	defaultpo=:yes and orgid=:orgid
VENDORSTATUS	<u>VENDORSTATUS</u>	Relationship to the VendorStatus table, used to find all vendor status records for a given purchase order. (vendorstatus.ponum = po.ponum). The resulting set will contain zero or more objects.	ponum = :ponum and siteid = :siteid

Name	Target	Remarks	Where Clause
WFASSIGNMENT	<u>WFASSIGNMENT</u>	Relationship to active assignments on this PO. (ownertable = 'PO' and ownerid = :poid and assignstatus in (select value from synonymdomain where domainid='WFASGNSTATUS' and maxvalue='ACTIVE')). Zero to many member set.	ownertable = 'PO' and wfassignment.ownerid = :poid and assignstatus in (select value from synonymdomain where domainid='WFASGNSTATUS' and maxvalue='ACTIVE')
WFTOOLBAR	<u>WFTOOLBAR</u>	Relationship to virtual set that manages the toolbar buttons. (empty). Any number member set.	null
WFTRANSACTION	<u>WFTRANSACTION</u>	Relationship to workflow transactions. (ownertable = 'PO' and ownerid = :poid). Zero to many member set.	ownertable = 'PO' and ownerid = :poid
WORKFLOWMAP	<u>WORKFLOWMAP</u>	Get virtual set to display process maps	null
WORKLOG	<u>WORKLOG</u>	Relationship to the worklog records, used to find the worklog records for a given PO.	
MODIFYWORKLOG	<u>WORKLOG</u>	Relationship to the worklog records, used to find the worklog records for a given PO.	recordkey=:ponum and class='PO' and siteid=:siteid

MAXIMO INCOMING RELATIONSHIPS

Name	Source	Remarks	Where Clause	Cardinalit
RELEASES	<u>CONTRACT</u>	Relationship to the PO table, used to find all release purchase orders for a given purchase contract. (po.origcontractid = contract.contractid). The resulting set will contain zero or more objects.	contractrefid=:contractid	UNDEFINE
PO	<u>INVOICE</u>	Relationship to the PO table, used to find all purchase orders for a given invoice. (invoice.ponum = po.ponum). The resulting set will contain zero or one object.	ponum=:ponum and siteid=:positeid and status not in (select value from synonymdomain where domainid = 'POSTATUS' and maxvalue in ('REVISE', 'PNDREV', 'CAN'))	UNDEFINE
INVC_PO	<u>INVOICE</u>	null	ponum=:ponum and siteid=:positeid	UNDEFINE
PO	<u>INVOICELINE</u>	Relationship to the PO table, used to find the PO for a given invoice line. (invoiceline.ponum = po.ponum). The resulting set will contain zero or one object.	ponum=:ponum and siteid=:positeid	UNDEFINE
PO	<u>INVRESERVE</u>	Relationship to the PO table, used to find the internal purchase order for which the material is reserved. (po.ponum = invreserve.ponum). The resulting set will contain zero or one object.	ponum = :ponum and siteid=:siteid	UNDEFINE
PO	<u>LABTRANS</u>	Relationship to the PO table. Used to find out PO for the LabTrans. (PO.ponum = LabTrans.ponum). The resultset will contain at most 1 object.	ponum = :ponum and siteid=:siteid	UNDEFINE
PO	<u>MATRECTRANS</u>	Relationship to the PO table, used to find the purchase order for which the material is received or transferred. (po.ponum = matrectrans.ponum). The resulting set will contain zero or one object.	ponum=:ponum and siteid=:siteid	UNDEFINE
POREV	<u>MATRECTRANS</u>	Relationship to the PO table, used to find the purchase order for which the material is received or transferred. (po.ponum = matrectrans.ponum). The resulting set will contain zero or one object.	ponum=:ponum and siteid=:positeid and revisionnum=:porevisionnum	null
PO	<u>MR</u>	Relationship to the PO table, used to find all the po records which were created from this material requisition. (ponum in (select ponum from poline where mrnum = mr.mrnum). The resulting set will contain zero or more objects. Note: Approval of a material requisition creates one or more purchase orders and this relationship is used to find all such purchase orders.	ponum in (select ponum from poline where mrnum = :mrnum) and revisionnum in (select revisionnum from poline where mrnum = :mrnum) and siteid=:siteid	UNDEFINE

Name	Source	Remarks	Where Clause	Cardinalit
PO	<u>MRLINE</u>	Relationship to the PO table, used to find all the po records whose lines were created from a given material requisition line. (ponum in (select ponum from poline where mrnum = mrline.mrnum and mrlinenum = mrline.mrlinenum). The resulting set will contain zero or more objects. Note : When a material requisition is approved, its lines are copied to POLines and this relationship helps find the PO to which these POLines belong to.	ponum in (select ponum from poline where mrnum = :mrnum and mrlinenum = :mrlinenum and po.revisionnum=poline.revisionnum) and siteid=:siteid order by revisionnum desc	UNDEFINE
VIEWREVVHIST	<u>PO</u>	Relationship to the PO table used to find all PO for a given Purchase Order	ponum=:ponum and siteid=:siteid	null
PO_ORIGINAL	<u>PO</u>	null	ponum=:originalponum and siteid = :siteid	UNDEFINE
PO	<u>POLINE</u>	Relationship to the PO table, used to find the purchase order records to which a purchase order line belongs to. (po.ponum = poline.ponum). The resulting set will contain zero or more objects.	ponum = :ponum and siteid = :siteid	UNDEFINE
POREV	<u>POLINE</u>	Relationship to the PO table, used to find the purchase order records to which a purchase order line belongs to. (po.ponum = poline.ponum). The resulting set will contain zero or more objects.	ponum=:ponum and siteid=:siteid and revisionnum=:revisionnum	null
RELEASEPO	<u>PURCHVIEW</u>	Relationship to the PO table, used to find all release POs for a given contract. (contract.contractnum=po.contractrefnum and contract.orgid=po.orgid)	contractrefnum=:contractnum and orgid in (select authorgid from contractauth where contractnum=:contractnum and orgid=:orgid) and status not in (select value from synonymdomain where domainid = 'POSTATUS' and maxvalue in ('REVISE', 'PNDREV'))	UNDEFINE
PO	<u>SERVRECTRANS</u>	Relationship to the PO table, used to find all purchase order records for a given service receipt. (po.ponum = servrectrans.ponum). The resulting set will contain one object.	ponum = :ponum and siteid=:positeid	UNDEFINE
POREV	<u>SERVRECTRANS</u>	Relationship to the PO table, used to find the purchase order for which the material is received or transferred.(po.ponum = matrectrans.ponum). The resulting set will contain zero or one object.	ponum=:ponum and siteid=:positeid and revisionnum=:porevisionnum	null
RELEASEPO	<u>SFWVIEW</u>	Relationship to the PO table, used to find all release POs for a given contract. (contract.contractnum=po.contractrefnum and contract.orgid=po.orgid)	contractrefnum=:contractnum and orgid=:orgid and status not in (select value from synonymdomain where domainid = 'POSTATUS' and maxvalue in ('REVISE', 'PNDREV'))	UNDEFINE
PO	<u>SHIPMENTLINE</u>	Relationship to the PO table, used to find a purchase order for a given shipment line. (shipmentline.ponum = po.ponum). The resulting set will contain zero or more objects. Note : A vendor may decide to send an advance shipping notice before actually sending the materials. This relationship is used to find the purchase order for which this advance shipping notice was sent.	ponum = :ponum and siteid=:siteid	UNDEFINE
WO_POGENERATED	<u>WORKORDER</u>	null	ponum=:generatedforpo and siteid=:siteid	UNDEFINE
POREV	<u>WPMATERIAL</u>	Relationship to find the PO from a planned material in a workorder	ponum in (select prline.ponum from prline where prnum=:pr and prlinenum=:prlinenum and prline.siteid=:siteid and prline.ponum=po.ponum and prline.siteid=po.siteid and status in (select value from synonymdomain where domainid='POSTATUS' and maxvalue in ('WAPPR','APPR','INPRG','CLOSE','HOLD')))) and siteid=:siteid	null