

Maximo Data Relationships

The ASSET Table (ASSET)

Child Table	Relationship Clause
ASSETANCESTOR	assetnum=:assetnum and siteid=:siteid
ASSETANCESTOR	assetnum=:newparent and ancestor=:assetnum and siteid=:siteid
ASSETFEATURE	assetnum=:assetnum and siteid=:siteid and assetlocrelationuid is null
ASSETFEATURE	assetnum=:assetnum and siteid=:siteid
ASSETFEATURE	assetnum=:assetnum and siteid=:siteid and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure)) or exists (select 1 from assetfeature af where shared=1 and siteid=:siteid and assetnum!=:assetnum and af.assetfeatureid=assetfeature.assetfeatureid and exists (select 1 from assetlocrelation alr where alr.siteid=:siteid and alr.sourcestartmeasure=alr.targetstartmeasure and alr.sourceendmeasure=alr.targetendmeasure and (alr.sourceassetnum=af.assetnum and alr.targetassetnum=:assetnum or alr.targetassetnum=af.assetnum and alr.sourceassetnum=:assetnum) and ((alr.sourcestartmeasure <= af.startmeasure and alr.sourceendmeasure >= af.startmeasure) or (alr.sourcestartmeasure <= af.endmeasure and alr.sourceendmeasure >= af.endmeasure) or (alr.sourcestartmeasure >= af.startmeasure and alr.sourceendmeasure <= af.startmeasure)) and ((af.startmeasure >= :frommeasure and af.startmeasure <= :tomeasure) or (af.endmeasure >= :frommeasure and af.endmeasure <= :tomeasure) or (af.startmeasure <= :frommeasure and af.endmeasure >= :tomeasure) or (af.startmeasure >= :tomeasure and af.endmeasure <= :frommeasure))))
ASSETFEATURE	assetnum=:assetnum and siteid=:siteid and islinearref=1 and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure)) union all (select * from assetfeature af where shared=1 and siteid=:siteid and assetnum!=:assetnum and exists (select 1 from assetlocrelation alr where alr.siteid=:siteid and alr.sourcestartmeasure=alr.targetstartmeasure and alr.sourceendmeasure=alr.targetendmeasure and (alr.sourceassetnum=af.assetnum and alr.targetassetnum=:assetnum or alr.targetassetnum=af.assetnum and alr.sourceassetnum=:assetnum) and ((alr.sourcestartmeasure <= af.startmeasure and alr.sourceendmeasure >= af.startmeasure) or (alr.sourcestartmeasure <= af.endmeasure and alr.sourceendmeasure >= af.endmeasure) or (alr.sourcestartmeasure >= af.startmeasure and alr.sourceendmeasure <= af.startmeasure)) and ((af.startmeasure >= :frommeasure and af.startmeasure <= :tomeasure) or (af.endmeasure >= :frommeasure and af.endmeasure <= :tomeasure) or (af.startmeasure <= :frommeasure and af.endmeasure >= :tomeasure) or (af.startmeasure >= :tomeasure and af.endmeasure <= :frommeasure))))
ASSETFEATUREHIST	assetnum=:assetnum and ((removeddate is null and createddate<=:asofdate) or (removeddate is not null and :asofdate between createddate and removeddate)) and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure))
ASSETFEATURESPEC	assetnum=:assetnum and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure) or (startmeasure is null or endmeasure is null))
ASSETHIERARCHY	assetnum = :assetnum and siteid=:siteid
ASSETHISTORY	assetnum = :assetnum and siteid=:siteid
ASSETLOCCOMM	assetnum= :assetnum and siteid= :siteid
ASSETLOCRELATION	sourceassetnum =:assetnum or targetassetnum =:assetnum and siteid =:siteid
ASSETLOCRELATION	((sourceassetnum=:assetnum and ((sourcestartmeasure <= :frommeasure and sourceendmeasure >= :frommeasure) or (sourcestartmeasure <= :tomeasure and sourceendmeasure >= :tomeasure) or (sourcestartmeasure >= :frommeasure and sourceendmeasure <= :tomeasure) or (sourcestartmeasure >= :tomeasure and sourceendmeasure <= :frommeasure) or (sourcestartmeasure is null and sourceendmeasure is null))) or (targetassetnum=:assetnum and ((targetstartmeasure <= :frommeasure and targetendmeasure >= :frommeasure) or (targetstartmeasure <= :tomeasure and targetendmeasure >= :tomeasure) or (targetstartmeasure >= :frommeasure and targetendmeasure <= :tomeasure) or (targetstartmeasure >= :tomeasure and targetendmeasure <= :frommeasure) or (targetstartmeasure is null and targetendmeasure is null)))) and siteid=:siteid
ASSETLOCRELATION	sourceassetnum=:assetnum or targetassetnum=:assetnum

Maximo Data Relationships

The ASSET Table (ASSET)

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ASSETLOCRELHIST	targetassetnum=:assetnum and ((removeddate is not null and :asofdate between createddate and removeddate) or (removeddate is null and createddate <=:asofdate)) and ((targetstartmeasure <= :frommeasure and targetendmeasure >= :frommeasure) or (targetstartmeasure <= :tomeasure and targetendmeasure >= :tomeasure) or (targetstartmeasure >= :frommeasure and targetendmeasure <= :tomeasure) or (targetstartmeasure >= :tomeasure and targetendmeasure <= :frommeasure) or (targetstartmeasure is null and targetendmeasure is null)) and siteid=:siteid
ASSETLOCRELHIST	sourceassetnum=:assetnum and ((removeddate is not null and :asofdate between createddate and removeddate) or (removeddate is null and createddate <=:asofdate)) and ((sourcestartmeasure <= :frommeasure and sourceendmeasure >= :frommeasure) or (sourcestartmeasure <= :tomeasure and sourceendmeasure >= :tomeasure) or (sourcestartmeasure >= :frommeasure and sourceendmeasure <= :tomeasure) or (sourcestartmeasure >= :tomeasure and sourceendmeasure <= :frommeasure) or (sourcestartmeasure is null and sourceendmeasure is null)) and siteid=:siteid
ASSETMETER	active=:yes and assetnum=:assetnum and siteid=:siteid
ASSETMETER	assetnum=:assetnum and siteid=:siteid
ASSETMETER	assetnum = :assetnum and siteid = :siteid and exists (select metername from meter where metername=assetmeter.metername and metertype in (select value from synonymdomain where maxvalue='CONTINUOUS' and domainid='METERTYPE'))
ASSETMETER	assetnum=:assetnum and siteid=:siteid
ASSETMETER	assetnum=:assetnum and siteid=:siteid and ((assetmeter.startmeasure >= :frommeasure and assetmeter.startmeasure <= :tomeasure) or (assetmeter.endmeasure >= :frommeasure and assetmeter.endmeasure <= :tomeasure) or (assetmeter.startmeasure <= :frommeasure and assetmeter.endmeasure >= :tomeasure) or (assetmeter.startmeasure >= :tomeasure and assetmeter.endmeasure <= :frommeasure) or (assetmeter.startmeasure is null or assetmeter.endmeasure is null))
ASSETMNTSKD	assetnum=:assetnum and siteid=:siteid
ASSETOPSKD	assetnum=:assetnum and siteid=:siteid
ASSETSPEC	assetnum = :assetnum and siteid=:siteid
ASSETSPEC	assetnum=:assetnum and classtructureid = :classtructureid and siteid=:siteid and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure) or (startmeasure is null or endmeasure is null))
ASSETSPEC	assetnum=:assetnum and classtructureid != :classtructureid and siteid=:siteid
ASSETSPECHIST	assetnum=:assetnum and ((removeddate is not null and :asofdate between createddate and removeddate) or (removeddate is null and createddate<=:asofdate)) and siteid=:siteid
ASSETSTATUS	assetnum=:assetnum and siteid=:siteid and changedate=(select max(changedate) from assetstatus where assetnum=:assetnum and siteid=:siteid and isrunning=:isrunning)
ASSETSTATUS	assetnum = :assetnum and siteid=:siteid
ASSETSTATUSDUMMY	assetnum = :assetnum and siteid=:siteid
ASSETTOPOCACHE	sourceassetnum=:assetnum or targetassetnum=:assetnum
ASSETTRANS	assetnum = :assetnum and siteid = :siteid
ASSETTRANS	assetid = :assetid
ASSETTRANS	assetid = (select assetid from asset where assetnum=:assetnum and siteid=:siteid)
ASSETUSERCUST	assetnum=:assetnum and siteid=:siteid and isuser=:yes
ASSETUSERCUST	assetnum = :assetnum and siteid = :siteid
ASSETUSERCUST	assetnum=:assetnum and siteid=:siteid and iscustodian=:yes
ASSETUSERCUST	assetnum=:assetnum and siteid=:siteid and isprimary=:yes
ASSETWORKZONE	assetnum=:assetnum and siteid=:siteid
ASTMSOVER	
ASTSPECMSOVER	
AUTOATTRUPDATE	asset=:assetnum and siteid=:siteid
BOOKMARK	app='ASSET' and keyvalue=:assetuid
CI	assetnum=:assetnum and assetlocsiteid=:siteid
CLASSANCESTOR	classtructureid=:classtructureid
CLASSSPEC	classtructureid =:classtructureid
CLASSSTRUCTURE	classtructureid = :classtructureid

Maximo Data Relationships

The ASSET Table (ASSET)

Child Table	Relationship Clause
CLASSSTRUCTURE	classtructureid = :classtructureid
CLASSSTRUCTURE	classtructureid = :classtructureid
COLLECTDETAILS	assetnum = :assetnum and siteid= :siteid
COMPANIES	company = :vendor and orgid=:orgid
COMPANIES	company = :manufacturer and orgid=:orgid
COMPANIES	company = :pluscvendor and orgid = :orgid
CONTLINEASSET	assetid=:assetid
CONTRACT	contractnum in (select contractnum from contractasset where assetid=:assetid) or contractnum in (select contractnum from warrantyasset where assetid=:assetid)
CONTRACTASSET	assetid=:assetid and orgid=:orgid
DEPLOYEDASSET	nodeid in (select nodeid from reconlink where assetid=:assetid)
DOWNTIMEREPORT	1=1
FAILURELIST	failurecode = :failurecode and parent is null and orgid=:orgid
IMGLIB	refobject='ASSET' and refobjectid=:assetuid
INCIDENT	assetnum=:assetnum and siteid=:siteid
INVBALANCES	itemnum = :itemnum and location = :newlocation and siteid = :newsite and binnum=:movemodifybinnum and itemsetid = :itemsetid and siteid = :siteid
INVBALANCES	itemnum = :itemnum and location = :newlocation and siteid = :newsite and binnum is null and itemsetid = :itemsetid and siteid = :siteid
INVENTORY	itemnum=:itemnum and location=:newlocation and siteid=:newsite and itemsetid=:itemsetid
INVENTORY	itemnum=:itemnum and location=:location and itemsetid = :itemsetid and siteid = :siteid
INVENTORY	itemnum=:itemnum and location=:location and itemsetid = :itemsetid and siteid = :siteid and status in (select value from synonymdomain where domainid = 'ITEMSTATUS' and maxvalue in ('ACTIVE', 'PLANNING', 'PENDOBS'))
INVOICECOST	assetnum = :assetnum and siteid=:siteid
INVRESERVE	assetnum=:assetnum and siteid=:siteid
INVUSELINE	(assetnum = :assetnum or rotassetnum = :assetnum) and siteid=:siteid
ITEM	itemnum = :itemnum and itemsetid = :itemsetid
ITEM	itemnum = :itemnum
ITEM	itemnum = :itemnum and itemsetid = :itemsetid
ITEMCONDITION	itemnum = :itemnum and itemsetid=:itemsetid and conditioncode=:conditioncode
ITEMMARGININFO	itemnum=:itemnum and itemsetid=:itemsetid and orgid=:orgid and status in (select value from synonymdomain where domainid = 'ITEMSTATUS' and maxvalue in ('ACTIVE', 'PLANNING', 'PENDOBS')))
ITEMSPEC	itemnum = :itemnum and classtructureid = :classtructureid and itemsetid = :itemsetid
ITEMSTRUCT	1=1
JPASSETSPLINK	assetnum = :assetnum and siteid=:siteid
LBSLOCATION	refobject='ASSET' and key1 =:orgid and key2 =:assetnum and key3 =:siteid
LINEARREFMETHOD	1rm=:1rm
LOCANCESTOR	location =:location and systemid = (select systemid from locsystem where primarysystem = 1 and siteid =:siteid) and siteid=:siteid
LOCATIONS	location = :newlocation and siteid = :newsite
LOCATIONS	location = :plusclploc and siteid = :siteid
LOCATIONS	location = :pluscnewlploc and siteid = :siteid
LOCATIONS	location = :DEFAULTREPFAC and siteid=:DEFAULTREPFACSITEID
LOCATIONS	location = :location and siteid = :siteid
LOCATIONS	location=:location
LOCATIONS	location=:location and siteid = :siteid
LOCATIONSPEC	location = :location and classtructureid = :classtructureid and siteid=:siteid
LOCKOUT	assetnum = :assetnum and siteid=:siteid
LONGDESCRIPTION	ldkey= :assetid and ldownertable = 'asset' and ldownercol = 'description'
MATUSETRANS	(assetnum = :assetnum or rotassetnum = :assetnum) and siteid=:siteid
MATUSETRANS	1>2

Maximo Data Relationships

The ASSET Table (ASSET)

Child Table	Relationship Clause
MEASUREMENT	assetid = :assetid
MEASUREPOINT	assetnum=:assetnum and exists (select 1 from measurement where measurement.pointnum = measurepoint.pointnum) and siteid=:siteid
MEASUREPOINT	assetnum = :assetnum and siteid=:siteid
METERGROUP	groupname = :groupname
METERINGROUP	groupname = :groupname
METERREADING	siteid=:siteid and assetid = (select assetid from asset where assetnum=:assetnum and siteid=:siteid)
MODDOWNTIMEHIST	1=1
MULTIASSETLOCCI	assetnum = :assetnum and siteid = :siteid and (startmeasure is not null or endmeasure is not null)
MULTIASSETLOCCI	assetnum = :assetnum and siteid = :siteid and (startmeasure is not null or endmeasure is not null) and exists (select 1 from workorder wo where multiassetlocci.siteid=wo.siteid and multiassetlocci.assetnum=wo.assetnum and wo.wonum=multiassetlocci.recordkey and wo.woclass=multiassetlocci.recordclass and historyflag=0)
MULTIASSETLOCCI	assetnum=:assetnum and siteid=:siteid
MULTIASSETLOCCI	assetnum=:assetnum and siteid=:siteid and recordclass in (select value from synonymdomain where domainid='TKCLASS' and maxvalue='SR') and progress=0 and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure) or (startmeasure is null or endmeasure is null))
MULTIASSETLOCCI	assetnum=:assetnum and siteid=:siteid and recordclass in (select value from synonymdomain where domainid='WOCLASS' and maxvalue='WORKORDER') and ((startmeasure >= :frommeasure and startmeasure <= :tomeasure) or (endmeasure >= :frommeasure and endmeasure <= :tomeasure) or (startmeasure <= :frommeasure and endmeasure >= :tomeasure) or (startmeasure >= :tomeasure and endmeasure <= :frommeasure) or (startmeasure is null or endmeasure is null))
PLUSCASSETSTATUS	assetnum=:assetnum and orgid=:orgid and siteid=:siteid
PLUSCDSASSETLINK	assetnum=:assetnum and orgid=:orgid and siteid=:siteid and revisionnum in (select revisionnum from plusdsplan where dsplannum=pluscdsassetlink.dsplannum and status in (select value from synonymdomain where domainid = 'PLUSCDSSTATUS' and maxvalue = 'APPR') and ((orgid =:orgid and siteid=:siteid) or (orgid is null and siteid is null) or (orgid=:orgid and siteid is null)))
PLUSCSPOTCHECK	siteid = :siteid and wonum in (select wo.wonum from workorder wo, pluscspotcheck spotc where wo.wonum = spotc.wonum and spotc.siteid=:siteid and spotc.siteid = wo.siteid and spotc.assetnum = :assetnum)
PLUSCTPHISTORY	assetnum=:assetnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null))
PLUSCWODS	siteid = :siteid and assetnum = :assetnum
PM	assetnum = :assetnum and siteid=:siteid
PMCOMSR	assetnum =:assetnum and (siteid=:siteid or siteid is null)
PROBLEM	assetnum=:assetnum and siteid=:siteid
RECONRESULT	reconresult.nodeid in (select nodeid from reconlink where reconlink.assetid=:assetid and reconlink.recontype in (select value from synonymdomain where domainid = 'RECONTYPE' and maxvalue = 'ASSET') and reconlink.compset in (select value from synonymdomain where domainid = 'RECONTYPE' and maxvalue = 'DEPLOYED ASSET')) and code not in ('C3', 'C4', 'C1', 'C2') and recontype in (select value from synonymdomain where domainid = 'RECONTYPE' and maxvalue = 'ASSET') and compset in (select value from synonymdomain where domainid = 'RECONTYPE' and maxvalue = 'DEPLOYED ASSET')
ROUTE_STOP	route in (select route from pm) and (assetnum=:assetnum and siteid=:siteid)
ROUTE_STOP	assetnum=:assetnum and siteid=:siteid
SAFETYLEXICON	assetnum = :assetnum and exists (select 1 from hazard where hazard.hazardid=safetylexicon.hazardid and hazard.hazmatenabled=:yes) and siteid=:siteid
SAFETYLEXICON	assetnum = :assetnum and exists (select 1 from hazard where hazard.hazardid=safetylexicon.hazardid and hazard.precautionenabled=:yes) and siteid=:siteid
SAFETYLEXICON	assetnum = :assetnum and siteid=:siteid
SAFETYLEXICON	assetnum = :assetnum and siteid=:siteid and tagoutid is null

Maximo Data Relationships

The ASSET Table (ASSET)

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SAFETYLEXICON	assetnum = :assetnum and exists (select 1 from hazard where hazard.hazardid=safetylexicon.hazardid and hazard.tagoutenabled=:yes and safetylexicon.tagoutid is null) and siteid=:siteid
SERVICEADDRESS	addresscode = :addresscode and orgid = :orgid
SERVICEADDRESS	1 = 2
SITE	siteid=:newsite
SPAREPART	assetnum = :assetnum and siteid=:siteid
SPAREPART	assetnum != :assetnum and siteid=:siteid
SPAREPART	assetnum=:assetnum and itemnum=:itemnum and itemsetid = :itemsetid and siteid=:siteid
SPRELATEDASSET	assetnum = :assetnum and siteid=:siteid
SPRELATEDASSET	relatedasset = :assetnum and siteid=:siteid
SPWORKASSET	workasset = :assetnum and siteid=:siteid
SR	assetnum=:assetnum and siteid=:siteid
SYNONYMDOMAIN	domainid='LOCASSETSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
TAGOUT	assetnum = :assetnum and siteid=:siteid
TICKET	assetnum=:assetnum and assetsiteid=:siteid
TLOAMASSETGRP	assetnum = :assetnum and siteid=:siteid
TOOLITEM	itemnum=:itemnum and itemsetid=:itemsetid
WOCHANGE	assetnum=:assetnum and siteid=:siteid
WORELEASE	assetnum=:assetnum and siteid=:siteid
WORKORDER	wonum in (select ma.recordkey from WORKORDER wo, MULTIASSETLOCCI ma where wo.WONUM=ma.RECORDKEY and ma.assetnum=wo.assetnum and wo.assetnum=:assetnum) and woclass in (select value from synonymdomain where domainid='WOCLASS' and maxvalue in ('ACTIVITY', 'CHANGE', 'WORKORDER')) and status in (select value from synonymdomain where domainid='WOSTATUS' and maxvalue not in ('COMP', 'CAN', 'CLOSE'))
WORKORDER	assetnum = :assetnum and historyflag = :no and siteid=:siteid
WORKORDER	siteid = :siteid and wonum in (select refwo from tooltrans where rotassetnum = :assetnum and siteid = :siteid group by refwo having sum(toolqty) > 0)
WORKORDER	assetnum = :assetnum and siteid=:siteid
WORKORDER	wonum=:refwo and siteid=:siteid
WORKORDER	wonum=:wonum and siteid=:siteid

The COMPANIES Table (COMPANIES)

Child Table	Relationship Clause
COMPANYACCDEF	type=:type and orgid=:orgid
COMPCOMMODITY	company = :company and orgid=:orgid and parent is null
COMPCOMMODITY	company = :company
COMPCONTACT	company=:company and contact=:contact and orgid=:orgid
COMPCONTACT	company=:company and orgid=:orgid
COMPCONTACT	company=:company and orgid=:orgid
COMPCONTACT	company=:company and contact=:contact and orgid=:orgid
COMPCONTACT	company=:company and contact=:remitcontact and orgid=:orgid
CONTRACT	vendor = :company and status in (select value from synonymdomain where maxvalue in ('APPR', 'PNDREV', 'WSTART') and domainid='CONTRACTSTATUS') and historyflag=:no and orgid = :orgid
CONTRACT	vendor = :company and orgid = :orgid
CURRENCY	currencycode=:currencycode
INVENDOR	vendor=:company and orgid = :orgid
LOCATIONS	location=:location and orgid = :orgid
LONGDESCRIPTION	ldkey=:companiesid and ldownertable = 'COMPANIES'
SETS	setid=(select companysetid from organization where orgid = :orgid) and settype in (select value from synonymdomain where domainid='SETTYPE' and maxvalue = 'COMPANY')

Maximo Data Relationships

The Inventory Table (INVENTORY)

Child Table	Relationship Clause
ASSET	itemnum = :itemnum and itemsetid = :itemsetid and orgid = :orgid and moved = 0
ASSET	itemnum=:itemnum and itemsetid=:itemsetid and location=:location and siteid=:siteid and status not in (select value from synonymdomain where maxvalue in ('DECOMMISSIONED')) and domainid='LOCASSETSTATUS')
ASSET	itemnum=:itemnum and itemsetid=:itemsetid and orgid=:orgid and moved=0 and returnedtovendor=0
CI	itemnum=:itemnum and itemsetid=:itemsetid
COMPANIES	company=:consvendor and orgid=:orgid
COMPANIES	company = :manufacturer and orgid=:orgid
COMPANIES	company = :vendor and orgid=:orgid
CONTRACTLINE	itemnum=:itemnum and itemsetid=:itemsetid and orgid=:orgid
INVADJUSTMENT	itemnum=:itemnum and location=:location and itemsetid = :itemsetid
INVBALANCES	itemnum = :itemnum and location = :location and siteid = :siteid and itemsetid = :itemsetid
INVBALANCES	itemnum = :itemnum and location = :location and binnum = :binnum and itemsetid = :itemsetid and siteid = :siteid
INVBALANCES	itemnum = :itemnum and location = :location and reconciled = :no and itemsetid = :itemsetid and siteid = :siteid
INVBALANCES	itemnum=:itemnum and location=:location and siteid=:siteid and itemsetid=:itemsetid and stagingbin=:NO
INVCOST	itemnum = :itemnum and itemsetid=:itemsetid and location=:location and siteid=:siteid
INVCOST	itemnum = :itemnum and itemsetid=:itemsetid and location=:location and siteid=:siteid and condrate = 100
INVLIFOFOCOST	itemnum = :itemnum and itemsetid=:itemsetid and location=:location and siteid=:siteid
INVLIFOFOCOST	itemnum = :itemnum and itemsetid=:itemsetid and location=:location and siteid=:siteid and condrate = 100
INVLOT	itemnum = :itemnum and location = :location and lotnum=:lotnum and siteid=:siteid and itemsetid = :itemsetid
INVLOT	itemnum = :itemnum and location = :location and siteid=:siteid and itemsetid = :itemsetid
INVRESERVE	itemnum = :itemnum and location = :location and itemsetid = :itemsetid and storelocsiteid=:siteid
INVRESERVE	itemnum=:itemnum and location=:location and storelocsiteid=:siteid and itemsetid=:itemsetid and restype in (select value from synonymdomain where domainid='RESTYPE' and maxvalue in ('HARD','APHARD'))
INVRESERVE	itemnum=:itemnum and location=:location and storelocsiteid=:siteid and itemsetid=:itemsetid and restype in (select value from synonymdomain where domainid='RESTYPE' and maxvalue in ('SOFT','APSOFT'))
INVSTATUS	itemnum=:itemnum and location=:location and siteid =:siteid and itemsetid=:itemsetid
INVTRANS	itemnum = :itemnum and storeloc = :location and itemsetid = :itemsetid and siteid=:siteid
INVTRANS	itemnum=:itemnum and storeloc=:location and itemsetid=:itemsetid and siteid=:siteid and transtype in (select value from synonymdomain where domainid = 'ITTYPE' and maxvalue in ('CURBALADJ', 'RECBALADJ')) and consignment=1 and consinvoicenum is not null
INVTRANS	itemnum=:itemnum and storeloc=:location and itemsetid=:itemsetid and siteid=:siteid and transtype in (select value from synonymdomain where domainid = 'ITTYPE' and maxvalue in ('CURBALADJ', 'RECBALADJ')) and consignment=1 and consinvoicenum is null
INVUSELINE	itemnum=:itemnum and fromstoreloc=:location and siteid=:siteid and itemsetid=:itemsetid
INVUSELINE	itemnum=:itemnum and fromstoreloc=:location and siteid=:siteid and itemsetid=:itemsetid and invusenum in (select invuse.invusenum from invuse where invusenum=invuseline.invusenum and siteid=invuseline.siteid and status in (select value from synonymdomain where domainid='INVUSESTATUS' and maxvalue='SHIPPED')) and receipts not in (select value from synonymdomain where domainid='RECEIPTS' and maxvalue='COMPLETE'))
INVVENDOR	itemnum = :itemnum and itemsetid = :itemsetid and orgid=:orgid and (siteid is null or (siteid is not null and siteid=:siteid))
INVVENDOR	itemnum = :itemnum and (((:vendor is not null and (vendor=:vendor)) or (:vendor is null)) and (((:manufacturer is not null) and (manufacturer=:manufacturer)) or (:manufacturer is null)) and (((:modelnum is not null) and (modelnum=:modelnum)) or (:modelnum is null)) and (((:catalogcode is not null) and (catalogcode=:catalogcode)) or (:catalogcode is null)))) and itemsetid = :itemsetid and siteid=:siteid
INVVENDOR	itemnum = :itemnum and vendor=:vendor and modelnum=:modelnum and manufacturer=:manufacturer and itemsetid = :itemsetid and siteid=:siteid

Maximo Data Relationships

The Inventory Table (INVENTORY)

Child Table	Relationship Clause
INVVENDOR	itemnum = :itemnum and (((:vendor is not null and (vendor=:vendor)) or (:vendor is null)) and (((:manufacturer is not null) and (manufacturer=:manufacturer)) or (:manufacturer is null)) and (((:modelnum is not null) and (modelnum=:modelnum)) or (:modelnum is null)) and (((:catalogcode is not null) and (catalogcode=:catalogcode)) or (:catalogcode is null))) and itemsetid = :itemsetid and siteid=:siteid
ISSUECURRENTITEM	itemnum=:itemnum and storeloc=:location and itemsetid = :itemsetid and siteid=:siteid
ISSUEITEMTOASSET	itemnum=:itemnum and storeloc=:location and itemsetid = :itemsetid and siteid=:siteid
ITEM	itemnum = :itemnum and itemsetid = :itemsetid
ITEMORGINFO	itemnum=:itemnum and itemsetid=:itemsetid and orgid=:orgid
ITEMSTRUCT	(parent=:itemnum or parent is null) and itemid=:itemnum and itemsetid=:itemsetid
JOBITEM	itemnum=:itemnum and itemsetid=:itemsetid
KIT	1>2
LIFOFIFOCOST	itemnum=:itemnum and location=:location and itemsetid=:itemsetid and siteid=:siteid
LOCATIONS	location = :location and siteid = :siteid
LOCATIONS	location = :addtostoreloc and siteid = :siteid
MATRECTRANS	itemnum = :itemnum and tostoreloc in (select location from locations where type in (select value from synonymdomain where domainid='LOCTYPE' and maxvalue='HOLDING') and siteid = :siteid) and (fromstoreloc not in (select location from locations where type in (select value from synonymdomain where domainid='LOCTYPE' and maxvalue='HOLDING') and siteid = :siteid) or fromstoreloc is null) and status not in (select value from synonymdomain where domainid='RECEIPTSTATUS' and maxvalue = 'COMP') and siteid = :siteid
MATRECTRANS	itemnum=:itemnum and itemsetid=:itemsetid and issuetype in (select value from synonymdomain where domainid = 'ISSUETYP' and maxvalue in ('TRANSFER', 'SHIPTRANSFER')) and fromstoreloc=:location and fromsiteid=:siteid and consignment=0
MATRECTRANS	itemnum=:itemnum and itemsetid=:itemsetid and issuetype in (select value from synonymdomain where domainid = 'ISSUETYP' and maxvalue in ('TRANSFER', 'SHIPTRANSFER')) and fromstoreloc=:location and fromsiteid=:siteid and consignment=1 and consinvoicenum is not null
MATRECTRANS	itemnum=:itemnum and itemsetid=:itemsetid and issuetype in (select value from synonymdomain where domainid = 'ISSUETYP' and maxvalue in ('TRANSFER', 'SHIPTRANSFER')) and fromstoreloc=:location and fromsiteid=:siteid and consignment=1 and consinvoicenum is null
MATRECTRANS	itemnum = :itemnum and itemsetid = :itemsetid and ((issuetype in (select value from synonymdomain where domainid = 'ISSUETYP' and maxvalue in ('TRANSFER')) and tostoreloc = :location and siteid=:siteid and fromstoreloc is not null) or (issuetype not in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue = 'TRANSFER') and tostoreloc = :location and siteid=:siteid) or (fromstoreloc=:location and fromsiteid=:siteid) or (issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue='TRANSFER') and rotassetnum is not null and tostoreloc is not null and fromstoreloc is null))
MATUSETRANS	itemnum = :itemnum and storeloc=:location and itemsetid = :itemsetid and siteid=:siteid and consignment=1 and consinvoicenum is not null
MATUSETRANS	itemnum = :itemnum and storeloc=:location and itemsetid = :itemsetid and siteid=:siteid and consignment=1 and consinvoicenum is null
MATUSETRANS	itemnum = :itemnum and storeloc = :location and itemsetid = :itemsetid and siteid=:siteid
MATUSETRANS	itemnum = :itemnum and storeloc=:location and itemsetid = :itemsetid and siteid=:siteid and consignment=0
MRLINE	itemnum=:itemnum and itemsetid=:itemsetid
POLINE	itemnum=:itemnum and itemsetid=:itemsetid
PRLINE	itemnum=:itemnum and itemsetid=:itemsetid
REORDERITEMS	storeloc = :location
SPAREPART	itemnum=:itemnum and itemsetid=:itemsetid and assetnum in (select assetnum from asset where (moved=:no or status not in (select value from synonymdomain where maxvalue in ('DECOMMISSIONED') and domainid='LOCASSETSTATUS')) and siteid=sparepart.siteid) and :sitefiltering
SPAREPART	itemnum=:itemnum and itemsetid=:itemsetid and assetnum in (select assetnum from asset where (moved=:no or status not in (select value from synonymdomain where maxvalue in ('DECOMMISSIONED') and domainid='LOCASSETSTATUS')) and :sitefiltering
WFASSIGNMENT	ownertable = 'INVENTORY' and wfassignment.ownerid = :inventoryid and assignstatus in (select value from synonymdomain where domainid='WFASGNSTATUS' and maxvalue='ACTIVE')
WFTRANSACTION	ownertable = 'INVENTORY' and ownerid = :inventoryid

Maximo Data Relationships

The Inventory Table (INVENTORY)

Child Table	Relationship Clause
WHEREUSED	assetnum=:itemnum and itemsetid = :itemsetid and siteid=:siteid
WOMATSTATUSSYNC	itemnum = :itemnum and location = :location and itemsetid = :itemsetid and siteid=:siteid
WPITEM	itemnum=:itemnum and itemsetid=:itemsetid

The ITEM Table (ITEM)

Child Table	Relationship Clause
ALTITEM	itemnum = :itemnum and itemsetid = :itemsetid
ALTITEM	altitemnum=:itemnum and itemsetid = :itemsetid
ASSET	itemnum = :itemnum and itemsetid = :itemsetid
CI	itemnum=:itemnum and itemsetid=:itemsetid
CLASSANCESTOR	classstructureid=:classstructureid
CLASSSPEC	classstructureid = :classstructureid
CLASSSTRUCTURE	classstructureid = :classstructureid
CLASSSTRUCTURE	classstructureid = :classstructureid
COMMODITIES	commodity = :commodity and parent is not null and itemsetid = :itemsetid
COMMODITIES	commodity = :commodity and itemsetid = :itemsetid
COMMODITIES	commodity = :commoditygroup and itemsetid = :itemsetid
CONTRACTLINE	itemnum=:itemnum and itemsetid=:itemsetid
CONTRACTLINE	itemnum = :itemnum and exists (select 1 from contract where contract.contractnum=contractline.contractnum and contract.historyflag=:no) and itemsetid = :itemsetid
CONVERSION	itemnum = :itemnum and itemsetid = :itemsetid
CONVERSION	1=2
IMGLIB	refobject = 'ITEM' and refobjectid = :itemid
INVBALANCES	itemnum=:itemnum and itemsetid = :itemsetid
INVENTORY	itemnum=:itemnum and itemsetid = :itemsetid
INVRESERVE	itemnum = :itemnum and itemsetid = :itemsetid
INVENDOR	itemnum = :itemnum and itemsetid = :itemsetid
ITEMCONDITION	itemnum = :itemnum and itemsetid=:itemsetid
ITEMCONDITION	itemnum = :itemnum and itemsetid=:itemsetid and condrate=100
ITEMCONDITION	itemnum is null and itemsetid=:itemsetid
ITEMMORGINFO	itemnum=:itemnum and itemsetid=:itemsetid
ITEMMORGINFO	itemnum=:itemnum and itemsetid=:itemsetid
ITEMMORGINFO	itemnum=:itemnum and itemsetid=:itemsetid
ITEMSPEC	itemnum = :itemnum and itemsetid = :itemsetid
ITEMSPEC	itemnum = :itemnum and classstructureid = :classstructureid and itemsetid = :itemsetid
ITEMSTATUS	itemnum = :itemnum and itemsetid=:itemsetid
ITEMSTRUCT	itemnum = :itemnum and itemsetid = :itemsetid
ITEMSTRUCT	itemnum=itemid and parent is null and itemsetid=:itemsetid and itemnum in (select a.parent from itemstruct a where a.itemid=itemstruct.itemid and a.itemsetid=itemstruct.itemsetid and a.itemnum !=a.itemid)
ITEMSTRUCT	itemid = :itemnum and itemnum != :itemnum and parent= :itemnum and itemsetid = :itemsetid
ITEMSTRUCT	itemnum = :itemnum and itemid = :itemnum and parent is null and itemsetid = :itemsetid
ITEMSTRUCT	1=1
JOBITEM	itemnum=:itemnum and itemsetid=:itemsetid
JOBTOOL	itemnum=:itemnum and orgid = :orgid
LIFOFOCOST	itemnum = :itemnum and itemsetid=:itemsetid
LOCATIONS	location in (select location from locoper where locations.location=locoper.location and locoper.itemnum=:itemnum and locoper.itemsetid=:itemsetid and locations.orgid=locoper.orgid and locations.siteid=locoper.siteid)
LONGDESCRIPTION	ldkey=:itemid and ldownertable = 'ITEM'
MASTERPM	itemnum = :itemnum and itemsetid = :itemsetid

Maximo Data Relationships

The ITEM Table (ITEM)

Child Table	Relationship Clause
MATRECTRANS	itemnum = :itemnum and itemsetid = :itemsetid
METER	metername=:metername
METERGROUP	groupname=:groupname
MRLINE	itemnum=:itemnum and itemsetid=:itemsetid
ORGANIZATION	itemsetid=:itemsetid
POLINE	itemnum=:itemnum and itemsetid=:itemsetid
POLINE	itemnum = :itemnum and exists (select 1 from po where po.ponum=poline.ponum and po.revisionnum=poline.revisionnum and po.siteid=poline.siteid and po.historyflag = :no) and itemsetid = :itemsetid
PRLINE	itemnum=:itemnum and itemsetid=:itemsetid
PRLINE	itemnum = :itemnum and ponum is null and exists (select 1 from pr where pr.prunum=prline.prunum and pr.historyflag=:no) and itemsetid = :itemsetid
SETS	setid=:itemsetid and settype in (select value from synonymdomain where domainid='SETTYPE' and maxvalue = 'ITEM')
SPAREPART	itemnum = :itemnum and siteid=:siteid and itemsetid = :itemsetid
TOOLQUAL	itemnum=:itemnum and itemsetid=:itemsetid
WPITEM	itemnum=:itemnum and itemsetid=:itemsetid

The JOBPLAN Table (JOBPLAN)

Child Table	Relationship Clause
CLASSSPEC	classstructureid = :classstructureid
CLASSSTRUCTURE	classstructureid=:classstructureid
JOBITEM	jobplanid=:jobplanid
JOBLABOR	jobplanid=:jobplanid
JOBMATERIAL	jobplanid=:jobplanid
JOBPLANCLASS	jobplanid=:jobplanid
JOBPLANCLASS	jobplanid=:jobplanid and isdefault=1
JOBPLANSPEC	refobjectid=:jobplanid
JOBPLANSPEC	jpnun = :jpnun and pluscjprevnum =:pluscrevnum and classstructureid = :classstructureid and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null))
JOBSERVICE	jobplanid=:jobplanid
JOBTASK	jobplanid=:jobplanid
JOBTASK	jpnun=:jpnun and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null)) and pluscjprevnum in (:pluscrevnum, (select max(pluscjprevnum) from jobtask where jpnun=:jpnun and pluscjprevnum < :pluscrevnum)) and jptask in (select jptask from jobtask where jpnun=:jpnun and pluscrevstatus in (select value from synonymdomain where maxvalue in ('ADDED','CHANGED')) and pluscjprevnum = :pluscrevnum)
JOBTASK	jobplanid=:jobplanid
JOBTASKSPEC	jpnun = :jpnun and pluscjprevnum =:pluscrevnum and((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and (:siteid is null or :siteid='') or ((:orgid is null or :orgid='') and (:siteid is null or :siteid=''))))
JOBTOOL	jobplanid=:jobplanid
JPASSETSPLINK	jobplanid=:jobplanid
JPCHANGESTATUS	jpnun=:jpnun and jprevnum=:pluscrevnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null))
JPTASKRELATION	jobplanid=:jobplanid
PLUSCJPDATASHEET	JPNUM=:JPNUM
PLUSCJPREINPUT	
PLUSCJPSTATUS	jpnun=:jpnun and jprevnum=:pluscrevnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null))
SYNONYMDOMAIN	domainid='JOBPLANSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
WFASSIGNMENT	ownertable = 'JOBPLAN' and wfaassignment.ownerid = :jobplanid and assignstatus in (select value from synonymdomain where domainid='WFAASNSTATUS' and maxvalue='ACTIVE')

Maximo Data Relationships

The JOBPLAN Table (JOBPLAN)

Child Table	Relationship Clause
WFTRANSACTION	ownertable = 'JOBPLAN' and ownerid = :jobplanid
WORKORDER	jpnum=:jpnum and pluscjprevnum = :pluscrevnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null))

The LABOR Table (LABOR)

Child Table	Relationship Clause
ADDRESS	addresscode = :shiptolocation and orgid=:orgid
AMCREWLABOR	laborcode=:laborcode and orgid=:orgid
AMCREWLABOR	laborcode=:laborcode and orgid=:orgid and enddate is not null
ASSIGNMENT	laborcode=:laborcode
ATTENDANCE	laborcode=:laborcode and orgid=:orgid
EMAIL	personid=:personid
JOBPLAN	laborcode=:laborcode
LABAMCREWWG	
LABORCERHIST	laborcode=:laborcode and orgid=:orgid
LABORCRAFTRATE	laborcode=:laborcode and orgid=:orgid
LABORCRAFTRATE	laborcode=:laborcode and orgid=:orgid and defaultcraft=:yes
LABORQUAL	laborcode=:laborcode and orgid=:orgid
LABORQUALSTATUS	laborcode=:laborcode and orgid=:orgid
LABORSTATUS	laborcode=:laborcode and orgid=:orgid
LABORWORKZONE	laborcode=:laborcode and orgid=:orgid
LABORWORKZONE	laborcode=:laborcode and orgid=:orgid and defaultzone=1
LABTRANS	laborcode=:laborcode and orgid=:orgid
LBSLOCATION	refobject='LABOR' and key1 =:orgid and key2 =:laborcode
LOCATIONS	location=:laborcode and orgid=:orgid
LOCATIONS	location=:startlocation and siteid=:startlocsiteid
LOCATIONS	location=:worklocation and siteid=:worksitesiteid
LOCATIONS	siteid=:labinventorysite and orgid=:orgid and location=:labinventoryloc
LOCATIONS	location=:endlocation and siteid=:endlocsiteid
PERSON	personid=:personid
PERSONCAL	personid=:personid and orgid=:orgid
PERSONCAL	personid=:personid
PERSONCAL	personid=:personid and orgid=:orgid
PERSONCAL	personid=:personid and orgid=:orgid and isprimary=1
PHONE	personid=:personid
PPLABORRATE	laborcode=:laborcode and orgid=:orgid
SITE	siteid=:worksitesiteid and orgid=:orgid
SITE	siteid=:labinventorysite and orgid=:orgid
SITE	siteid = :primarysiteid and orgid = :orgid
SYNONYMDOMAIN	domainid='LABORSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
VIEWCONTINPUT	
VIEWWOPMS	

The Locations Table (LOCATIONS)

Child Table	Relationship Clause
ADDRESS	addresscode = :billtoaddresscode and orgid=:orgid
ADDRESS	addresscode = :shiptoaddresscode and orgid=:orgid
ASSET	location=:location and siteid = :siteid
ASSET	(location=:location or plusclploc=:location) and siteid = :siteid

Maximo Data Relationships

The Locations Table (LOCATIONS)

Child Table	Relationship Clause
ASSET	location=:location and siteid = :siteid and status not in (select value from synonymdomain where maxvalue in ('DECOMMISSIONED') and domainid='LOCASSETSTATUS')
ASSETLOCCOMM	location= :location and siteid= :siteid
ASSETLOCRELATION	sourcelocation =:location or targetlocation =:location and siteid =: siteid
ASSETTRANS	(fromloc = :location or toloc=:location) and siteid = :siteid
ASSETTRANS	(fromloc = :location or toloc=:location) and siteid = :siteid and transtype in (select value from synonymdomain where domainid='ASSETTRANSTYPE' AND MAXVALUE='MOVED')
ASSETTRANS	(fromloc = :location or toloc=:location or pluscfromlploc=:location or plusctolploc=:location) and siteid = :siteid and transtype in (select value from synonymdomain where domainid='ASSETTRANSTYPE' AND MAXVALUE='MOVED')
AUTOATTRUPDATE	location=:location and siteid=:siteid
CI	location=:location and assetlocsiteid=:siteid
CLASSANCESTOR	classtructureid=:classtructureid
CLASSSPEC	classtructureid =:classtructureid
CLASSSTRUCTURE	classtructureid = :classtructureid
CLASSSTRUCTURE	classtructureid = :classtructureid
COLLECTDETAILS	location = :location and siteid= :siteid
COMPANIES	location = :location and orgid=:orgid
COMPANIES	company = :location or location = :location and orgid=:orgid
CONTRACTASSET	location = :location and orgid = :orgid
FAILURELIST	failurecode = :failurecode and orgid=:orgid
IMGLIB	refobject='LOCATIONS' and refobjectid=:locationsid
INCIDENT	location=:location and siteid=:siteid
INVBALANCES	orgid =:orgid and curbal > 0
INVBALANCES	location = :location and siteid = :siteid
INVENTORY	location = :location and siteid = :siteid
INVENTORY	location = :location and siteid = :siteid
INVENTORY	1>2 and siteid = :siteid
INVENTORY	location=:tostoreloc and siteid=:siteid
INVOICECOST	location = :location and siteid=:siteid
INVRESERVE	location = :location and storelocsiteid=:siteid
INVRESERVE	polineid is not null and exists (select 1 from poline where poline.polineid=invreserve.polineid and poline.storeloc = :location) and siteid=:siteid
INVRESERVE	location = :location and polineid is not null and exists (select 1 from po where po.vendor = invreserve.location and invreserve.ponum = po.ponum) and siteid=:siteid
ITEM	itemnum = :itemnum and itemsetid = :itemsetid
ITEMSPEC	itemnum = :itemnum and classtructureid = :classtructureid and itemsetid = :itemsetid
ITEMSTRUCT	1=1
JPASSETSPLINK	location = :location and siteid=:siteid
LABOR	labinventoryloc=:location and labinventorysite=:siteid and orgid=:orgid
LABOR	labinventoryloc = :location or worklocation = :location and orgid=:orgid
LABOR	worklocation = :location and worksite=:siteid and orgid=:orgid
LABOR	worklocation = :location and orgid=:orgid
LABOR	laborcode = :billtolaborcode and orgid=:orgid
LABOR	laborcode = :shiptolaborcode and orgid=:orgid
LOCANCESTOR	location=:location and siteid=:siteid
LOCATIONMETER	location = :location and siteid = :siteid
LOCATIONMETER	location = :location and siteid = :siteid and exists (select metername from meter where metername=locationmeter.metername and metertype in (select value from synonymdomain where maxvalue='CONTINUOUS' and domainid='METERTYPE'))
LOCATIONMETER	location=:location and siteid=:siteid
LOCATIONMETER	active=:yes and location = :location and siteid = :siteid
LOCATIONMNTSKD	location=:location and siteid=:siteid

Maximo Data Relationships

The Locations Table (LOCATIONS)

Child Table	Relationship Clause
LOCATIONOPSKD	location=:location and siteid=:siteid
LOCATIONSPEC	location = :location and siteid = :siteid
LOCATIONSPEC	location=:location and classtructureid = :classtructureid and siteid=:siteid
LOCATIONUSERCUST	location = :location and siteid = :siteid and isuser=:yes
LOCATIONUSERCUST	location = :location and siteid = :siteid
LOCATIONUSERCUST	location = :location and siteid = :siteid and iscustodian=:yes
LOCATIONUSERCUST	location=:location and siteid=:siteid and isprimary=:yes
LOCATIONWORKZONE	location=:location and siteid=:siteid
LOCAUTH	location=:location and siteid=:siteid
LOCHIERARCHY	location=:location and systemid=:systemid and parent is not null and siteid=:siteid
LOCHIERARCHY	systemid=:systemid and parent is null and siteid=:siteid
LOCHIERARCHY	location=:location and systemid=:systemid and siteid=:siteid
LOCHIERARCHY	location=:location and siteid=:siteid
LOCHIERARCHY	location=:parent and systemid = :systemid and siteid=:siteid
LOCHIERARCHY	parent=:location and systemid=:systemid and siteid = :siteid
LOCKOUT	location = :location and siteid=:siteid
LOCLEADTIME	location=:location and siteid=:siteid
LOCMETERREADING	location = :location and orgid = :orgid and siteid=:siteid
LOCOPER	location=:location and siteid=:siteid
LOCOPER	location = :location and siteid=:siteid
LOCSTATUS	location=:location and siteid=:siteid
LOCSYSTEM	systemid=:systemid and siteid=:siteid
LOCSYSTEM	exists (select * from lochierarchy where locsystem.systemid=lochierarchy.systemid and locsystem.siteid=lochierarchy.siteid and lochierarchy.location=:location) and siteid=:siteid
LOCSYSTEM	systemid = :systemid and exists(select lochierarchy.systemid from lochierarchy where lochierarchy.systemid=locsystem.systemid and lochierarchy.siteid=locsystem.siteid) and siteid=:siteid
MATRECTRANS	1 > 2 and siteid=:siteid
MATRECTRANS	matrectrans.ponum in (select ponum from poline,item b where poline.storeloc=:location and matrectrans.ponum=poline.ponum and matrectrans.polinenum=poline.polinenum and poline.itemnum = b.itemnum and poline.itemsetid=b.itemsetid and b.rotating = 0 and exists(select 1 from po where po.ponum=poline.ponum and po.internal= 1 and po.inspectionrequired= 0) and poline.tositeid = :siteid) and exists(select 1 from poline where ponum=matrectrans.ponum and tositeid=matrectrans.siteid and polinenum = matrectrans.polinenum and inspectionrequired = 0) and matrectrans.courier is not null and matrectrans.tostoreloc is null and matrectrans.issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue = 'TRANSFER') and (not exists (select 1 from matrectrans mat2 where mat2.receiptref = matrectrans.matrectransid) or (select sum(quantity) from matrectrans mat2 where mat2.receiptref = matrectrans.matrectransid) < matrectrans.quantity)
MATRECTRANS	2<1 and siteid=:siteid
MATRECTRANS	1>2 and siteid=:siteid
MATUSETRANS	location = :location and siteid=:siteid
MATUSETRANS	1>2 and siteid=:siteid
MATUSETRANS	storeloc = :location and quantity < 0 and issueid is null and (qtyreturned is null OR qtyreturned < quantity * -1) and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue NOT IN ('KITBREAK','KITMAKE')) and siteid=:siteid
MEASUREMENT	location = :location and siteid=:siteid
MEASUREPOINT	location = :location and siteid=:siteid
METERGROUP	groupname = :groupname
METERINGROUP	groupname = :groupname
MR	location = :location and siteid=:siteid and historyflag = :no
MULTIASSETLOCCI	location=:location and siteid=:siteid
PERSON	personid=:invowner

Maximo Data Relationships

The Locations Table (LOCATIONS)

Child Table	Relationship Clause
PERSON	location=:location and locationsite=:siteid
PERSON	personid=:billtolaborcode
PERSON	personid=:shiptolaborcode
PLUSCDASSETLINK	location=:location and revisionnum in (select revisionnum from plusdsplan where dsplannum=pluscdsasassetlink.dsplannum and status in (select value from synonymdomain where domainid = 'PLUSCDSTATUS' and maxvalue = 'APPR'))
PLUSCWODS	siteid = :siteid and location = :location
PM	location = :location and siteid=:siteid
PM	storeloc = :location and siteid=:siteid
PM	pmnum not in (select a.masterpm from pm a where a.location = :location and a.siteid=:siteid and a.masterpm=pmnum) and exists (select * from masterpm where applypmtoloc=:yes and itemnum=:itemnum and itemsetid=:itemsetid)
PMCOMSR	location=:location and (siteid=:siteid or siteid is null)
POLINE	poline.storeloc is not null and poline.storeloc = :location and poline.receiptscomplete=:no and poline.tositeid = :siteid and exists (select 1 from po where po.ponum=poline.ponum and po.siteid=poline.siteid and po.internal=:yes and po.inspectionrequired=:no and exists (select 1 from site a, site b where po.storelocsiteid=a.siteid and b.siteid=poline.tositeid and a.orgid=b.orgid and po.ponum=poline.ponum) and po.status in (select value from synonymdomain where domainid='POSTATUS' and maxvalue in ('APPR','INPRG')))
POLINE	poline.storeloc is not null and receiptscomplete = :no and poline.ponum in (select ponum from po where po.storeloc=:location and po.storelocsiteid = :siteid and po.ponum=poline.ponum and po.siteid=poline.siteid and po.status in (select value from synonymdomain where domainid='POSTATUS' and maxvalue in ('APPR','INPRG')) and ((not exists(select 1 from matrectrans where matrectrans.courier is not null and matrectrans.tostoreloc is null and matrectrans.ponum = poline.ponum and matrectrans.polinenum = poline.polinenum and matrectrans.issuestype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue = 'TRANSFER')) or ((select sum(quantity) from matrectrans where matrectrans.courier is not null and matrectrans.tostoreloc is null and matrectrans.ponum = poline.ponum and matrectrans.polinenum = poline.polinenum and matrectrans.issuestype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue = 'TRANSFER')) < poline.orderqty)) and (not exists(select 1 from matrectrans where matrectrans.courier is null and matrectrans.tostoreloc in (select location from locations where type in (select value from synonymdomain where domainid='LOCTYPE' and maxvalue IN ('LABOR', 'COURIER')))) and matrectrans.ponum = poline.ponum and matrectrans.polinenum = poline.polinenum and matrectrans.issuestype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue = 'TRANSFER')) or ((select sum(quantity) from matrectrans where matrectrans.courier is null and matrectrans.tostoreloc in (select location from locations where type in (select value from synonymdomain where domainid='LOCTYPE' and maxvalue IN ('LABOR', 'COURIER')))) and matrectrans.ponum = poline.ponum and matrectrans.polinenum = poline.polinenum and matrectrans.issuestype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue = 'TRANSFER')) < poline.orderqty))) and exists (select 1 from invreserve where invreserve.ponum = poline.ponum and invreserve.location = :location and invreserve.storelocsiteid = :siteid)
POLINE	location=:location and exists (select 1 from po where po.ponum=poline.ponum and po.historyflag = :no and po.siteid = poline.siteid and po.revisionnum=poline.revisionnum) and siteid = :siteid
PRLINE	location=:location and exists (select 1 from pr where pr.pnum=prline.pnum and pr.historyflag = :no and pr.siteid = prline.siteid) and siteid = :siteid
PROBLEM	location=:location and siteid=:siteid
ROUTE_STOP	location = :location and siteid=:siteid
ROUTE_STOP	route in (select route from pm) and (location = :location and siteid=:siteid)
SAFETYLEXICON	location = :location and exists (select 1 from hazard where hazard.hazardid=safetylexicon.hazardid and hazard.hazmatenabled=:yes) and siteid=:siteid
SAFETYLEXICON	location = :location and exists (select 1 from hazard where hazard.hazardid=safetylexicon.hazardid and hazard.precautionenabled=:yes) and siteid=:siteid
SAFETYLEXICON	location = :location and siteid=:siteid
SAFETYLEXICON	location = :location and exists (select 1 from hazard where hazard.hazardid=safetylexicon.hazardid and hazard.tagoutenabled=:yes and safetylexicon.tagoutid is null) and siteid=:siteid
SERVICEADDRESS	addresscode = :addresscode and orgid = :orgid

Maximo Data Relationships

The Locations Table (LOCATIONS)

Child Table	Relationship Clause
SERVICEADDRESS	1 = 2
SITE	siteid=:siteid and orgid=:orgid
SLA	sla.slanum in (select slanum from slaassetloc where slaassetloc.location=:location) and sla.status in (select value from synonymdomain where domainid='SLASTATUS' and maxvalue = 'ACTIVE')
SPAREPART	itemnum in (select itemnum from invbalances where location = :location and siteid=:siteid) and siteid=:siteid
SPRELATEDASSET	location=:location and siteid=:siteid
SPRELATEDASSET	relatedlocation=:location and siteid=:siteid
SPWORKASSET	worklocation = :location and siteid=:siteid
SR	location=:location and siteid=:siteid
SYNONYMDOMAIN	domainid='LOCASSETSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
TAGOUT	location = :location and siteid=:siteid
TICKET	location=:location and assetsiteid=:siteid and ticket.status not in (select value from synonymdomain where domainid in ('SRSTATUS', 'INCIDENTSTATUS', 'PROBLEMSTATUS')) and maxvalue in ('CLOSED', 'RESOLVED')
TICKET	location=:location
WOCHANGE	location=:location and siteid=:siteid
WORELEASE	location=:location and siteid=:siteid
WORKORDER	location=:location and siteid=:siteid
WORKORDER	location = :location and historyflag = :no and siteid=:siteid
WORKORDER	location = :location and historyflag = :no and siteid = :siteid

The Person Table (PERSON)

Child Table	Relationship Clause
ADDRESS	addresscode=:billtoaddress and orgid=:locationorg
ADDRESS	addresscode=:shiptoaddress and orgid=:locationorg
ALNDOMAIN	domainid='CALTYPE' and value=:caltype
ALNDOMAIN	domainid='LOCALE' and value=:locale
ASSETUSERCUST	personid=:personid
EMAIL	personid=:personid
EMAIL	personid=:personid and isprimary=:yes
LABOR	personid=:personid
LANGUAGE	maxlangcode=:language
LOCATIONS	location=:location and siteid=:locationsite
LOCATIONUSERCUST	personid=:personid
LONGDESCRIPTION	ldkey=:personuid and ldownertable = 'PERSON'
MAXAPPS	app=:dfltapp
MAXUSER	personid=:personid and status not in (select value from synonymdomain where domainid='MAXUSERSTATUS' and maxvalue='DELETED')
MODAVAIL	personid = :personid
NUMERICDOMAIN	domainid='MFMAILDEVICECLASS' and value=:deviceclass
ORGANIZATION	orgid=:locationorg and active = :yes
ORGANIZATION	orgid=:locationorg
PERSCOMMODITY	personid = :personid and parent is null
PERSCOMMODITY	personid = :personid
PERSONAVAIL	1=1
PERSONCAL	personid=:personid
PERSONCAL	personid=:personid and orgid=:locationorg
PERSONCAL	personid=:personid and isprimary=:yes
PERSONSTATUS	personid=:personid
PHONE	personid=:personid

Maximo Data Relationships

The Person Table (PERSON)

Child Table	Relationship Clause
PHONE	personid=:personid and isprimary=:yes
SHIFT	shiftnum = :primaryshiftnum
SITE	siteid=:locationsite
SMS	personid=:personid
SYNONYMDOMAIN	domainid='PERSONSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
SYNONYMDOMAIN	domainid='TIMEZONE' and value=:timezone
TKTEMPLATE	owner=:personid
VIEWCONTINPUT	
VIEWWOPMS	
WORKPERIOD	orgid=(select orgid from personal where personid=:personid and isprimary=1) and calnum=(select calnum from personal where personid=:personid and isprimary=1) and shiftnum=(select shiftnum from personal where personid=:personid and isprimary=1)

The PM Table (PM)

Child Table	Relationship Clause
ASSET	assetnum = :assetnum and siteid=:siteid and status not in (select value from synonymdomain where maxvalue in ('DECOMMISSIONED') and domainid='LOCASSETSTATUS')
ASSET	assetnum = :assetnum and siteid=:siteid
ASSET	assetnum = :assetnum and siteid=:siteid and status in (select value from synonymdomain where maxvalue in ('NOT READY') and domainid='LOCASSETSTATUS')
ASSET	:applymasterpmttoasset=:yes and itemnum =:masterpmitemnum and assetnum not in(select assetnum from pm where masterpm=:pmnum and assetnum is not null) and itemsetid = :itemsetid and itemsetid = :itemsetid and siteid=:siteid
ASSET	assetnum=:assetnum and siteid=:siteid
ASSETFEATURE	assetfeatureid = :startassetfeatureid and siteid=:siteid
ASSETFEATURE	assetfeatureid = :assetfeatureid and siteid=:siteid
ASSETFEATURE	assetfeatureid = :endassetfeatureid and siteid=:siteid
FEATURES	feature = :feature
ITEM	itemnum = :masterpmitemnum and itemsetid = :itemsetid
JOBPLAN	jpnum=:jpnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null) or (:orgid is null and :siteid is null) or (:orgid is null))
JOBPLAN	jpnum=:jpnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null) or (:orgid is null and :siteid is null) or (:orgid is null)) and status in (select value from synonymdomain where domainid='JOBPLANSTATUS' and maxvalue = 'ACTIVE')
LOCANCESTOR	location =:location and systemid =(select systemid from locsystem where primarysystem = '1' and siteid =:siteid) and siteid=:siteid
LOCATIONS	location = :location and siteid=:siteid and status in (select value from synonymdomain where maxvalue in ('NOT READY') and domainid='LOCASSETSTATUS')
LOCATIONS	location = :location and siteid=:siteid
LOCOOPER	:applymasterpmtoloc=:yes and itemnum =:masterpmitemnum and location not in(select location from pm where masterpm=:pmnum and location is not null) and itemsetid = :itemsetid and siteid=:siteid
LOCOOPER	location=:location and siteid=:siteid and location in (select location from locations where location=:location and status not in (select value from synonymdomain where maxvalue in ('DECOMMISSIONED') and domainid='LOCASSETSTATUS'))
MASTERPM	masterpmnum=:masterpm
MEASUREPOINT	(llpmnum = :pmnum or ulpmnum=:pmnum) and siteid=:siteid
PLUSCPMEXTDATE	pmnum=:pmnum and siteid=:siteid and history = :no
PLUSCPMEXTDATE	pmnum=:pmnum and siteid=:siteid
PMANCESTOR	pmnum = :pmnum or ancestor = :pmnum and siteid=:siteid
PMFORECAST	pmnum=:pmnum and siteid=:siteid
PMFORECAST	pmnum =:pmnum and siteid =:siteid and ltdpmcounter = (select min(ltdpmcounter) from pmforecast where pmnum =:pmnum and siteid =:siteid)

Maximo Data Relationships

The PM Table (PM)

Child Table	Relationship Clause
PMFORECAST	pmnum =:pmnum and siteid =:siteid and ltdpmcounter = (select max(ltdpmcounter) from pmforecast where pmnum =:pmnum and siteid =:siteid)
PMFORECAST	pmnum =:pmnum and siteid =:siteid and newdate is not null
PMFORECAST	pmnum =:pmnum and siteid =:siteid and newdate is not null and regenerate =:yes
PMFORECAST	pmnum=:pmnum and siteid=:siteid
PMFORECAST	pmnum = (select pmnum from pm where parent is null and pmnum in (select ancestor from pmancestor where pmnum = :pmnum and siteid=:siteid) and siteid=:siteid) and siteid=:siteid
PMFORECASTGEN	
PMFORECASTJP	pmnum=:pmnum and siteid=:siteid
PMFORECASTJP	pmnum=:pmnum and siteid=:siteid and route is not null
PMFORECASTJP	pmnum =:pmnum and siteid =:siteid and ltdpmcounter = (select min(ltdpmcounter) from pmforecastjp where pmnum =:pmnum and siteid =:siteid)
PMFORECASTJP	rootancestor =:pmnum and siteid=:siteid
PMMETER	pmnum=:pmnum and siteid=:siteid
PMSEASONS	pmnum = :pmnum and siteid=:siteid
PMSEQUENCE	pmnum = :pmnum and siteid=:siteid
PMSTATUSDUMMY	pmnum = :pmnum and siteid=:siteid
ROUTES	route = :route and siteid=:siteid
SKDPMFORECAST	pmnum = :pmnum and siteid = :siteid
SKDPMFORECAST	pmnum =:pmnum and siteid =:siteid and newdate is not null and regenerate =:yes
SYNONYMDOMAIN	domainid='PMSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
WORKORDER	pmnum =:pmnum and siteid =:siteid and historyflag = 0 and pmduedate = (select max(pmduedate) from workorder where pmnum =:pmnum and siteid =:siteid and historyflag = 0)
WORKORDER	pmnum=:pmnum and siteid=:siteid
WORKTYPE	orgid=:orgid

The PO Table (PO)

Child Table	Relationship Clause
ADDRESS	addresscode = :billto and orgid=:orgid
ADDRESS	addresscode = :shipto and orgid=:orgid
COMMODITIES	servicetype in (select value from synonymdomain where domainid='SERVICETYPE' and maxvalue in ('BOTH','PROCURE'))
COMPANIES	company=:billto and orgid=:orgid
COMPANIES	company=:shipto and orgid=:orgid
COMPANIES	company=:vendor and orgid=:orgid
COMPANIES	company = :vendor and orgid=:orgid
CONTRACT	contractid = :contractrefid
CONTRACTLINE	contractlineid in (select contreflineid from poline where ponum=:ponum and siteid=:siteid)
CONTRACTLINE	contractlineid in (select contreflineid from poline where (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))
INVOICELINE	ponum=:ponum and positeid=:siteid
INVOICELINE	(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	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	ponum=:ponum and siteid=:siteid and itemnum in (select itemnum from poline where ponum=:ponum and siteid=:siteid)
INVUSE	fromstoreloc=:storeloc and siteid=:siteid
INVENDOR	vendor = :vendor and orgid = :orgid and (siteid=:siteid or siteid is null)
LABOR	laborcode = :billtoattn and orgid=:orgid

Maximo Data Relationships

The PO Table (PO)

Child Table	Relationship Clause
LABOR	laborcode = :shiptoattn and orgid=:orgid
LABOR	laborcode = :purchaseagent and orgid=:orgid
MATRECTRANS	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'))
MATRECTRANS	ponum=:ponum and belongsto is null and (fromstoreloc is not null or itemnum is null or itemnum in (select item.itemnum from item where matrectrans.itemnum=item.itemnum)) and status in (select value from synonymdomain where maxvalue='WINSP' and domainid = 'RECEIPTSTATUS') and positeid=:siteid
MATRECTRANS	ponum=:ponum and porevisionnum=:revisionnum and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue='INVOICE')
MATRECTRANS	ponum = :ponum and positeid=:siteid
MATRECTRANS	ponum = :ponum and belongsto is null and quantity > 0 and siteid=:siteid
MATRECTRANS	ponum = :ponum and belongsto is null and positeid=:siteid and porevisionnum <=:revisionnum and status not in (select value from synonymdomain where domainid='RECEIPTSTATUS' and maxvalue='TRANSFER')
MATRECTRANS	ponum = :ponum and positeid=:siteid
PDSPEC	pdownerid=:poid and refobjectname='POLINE'
PDSPEC	pdownerid=:poid and refobjectname='POLINE'
PERSON	personid=:shiptoattn
PERSON	personid=:billtoattn
POECOMSTATUS	ponum=:ponum and siteid = :siteid
POLINE	ponum=:ponum and revisionnum=:revisionnum and siteid=:siteid
POLINE	ponum=:ponum and siteid=:siteid and mktplcitem=:yes
POLINE	ponum=:ponum and revisionnum=:revisionnum and receiptscomplete = :no and siteid = :siteid
POLINE	(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)
POLINE	ponum=:ponum and siteid=:siteid and revisionnum in (:revisionnum,(select max(revisionnum) from poline where ponum=:ponum and siteid=:siteid and revisionnum < :revisionnum)) and polinenum in (select polinenum from poline where ponum=:ponum and siteid=:siteid and revstatus in (select value from synonymdomain where domainid='REVSTATUS' and maxvalue in ('ADDED','CHANGED')) and revisionnum=:revisionnum)
POREVISIONINPUT	
POSTATUS	ponum=:ponum and revisionnum=:revisionnum and siteid=:siteid
POTERM	ponum=:ponum and revisionnum=:revisionnum and siteid=:siteid
PRLINE	ponum=:ponum and orgid=:orgid and positeid=:siteid and porevisionnum=:revisionnum
PRLINE	ponum=:ponum and positeid=:siteid and orgid=:orgid
PRLINE	(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)
PURCHVIEW	contractid=:contractrefid
RECEIPTINPUT	
RECEIPTINPUT	
RECEIPTINPUT	
RECEIPTINPUT	
RFQLINE	ponum=:ponum and siteid=:siteid
RFQLINE	(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)
SERVRECTRANS	ponum=:ponum and positeid=:siteid

Maximo Data Relationships

The PO Table (PO)

Child Table	Relationship Clause
SERVRECTRANS	ponum = :ponum and belongsto is null and status in (select value from synonymdomain where maxvalue='WINSP' and domainid = 'RECEIPTSTATUS') and positeid=:siteid
SERVRECTRANS	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'))
SERVRECTRANS	ponum=:ponum and porevisionnum=:revisionnum and issuetype in (select value from synonymdomain where domainid='ISSUETYP' and maxvalue='INVOICE')
SERVRECTRANS	ponum = :ponum and belongsto is null and positeid=:siteid and porevisionnum <=:revisionnum
SFWVIEW	contractid=:contractrefid
SHIPMENTLINE	ponum = :ponum and siteid=:siteid
SITE	siteid = :siteid and orgid = :orgid
SYNONYMDOMAIN	domainid='POSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
TERM	defaultpo=:yes and orgid=:orgid
VENDORSTATUS	ponum = :ponum and siteid = :siteid
WFASSIGNMENT	ownertable = 'PO' and wfassignment.ownerid = :poid and assignstatus in (select value from synonymdomain where domainid='WFASGNSTATUS' and maxvalue='ACTIVE')
WFTRANSACTION	ownertable = 'PO' and ownerid = :poid

The PR Table (PR)

Child Table	Relationship Clause
ADDRESS	addresscode = :billto and orgid=:orgid
ADDRESS	addresscode = :shipto and orgid=:orgid
COMPANIES	company=:vendor and orgid=:orgid
COMPANIES	company=:billto and orgid=:orgid
COMPANIES	company=:shipto and orgid=:orgid
COMPANIES	company=:vendor and orgid=:orgid
CONTRACT	contractid = :contractrefid
CONTRACTLINE	contractlineid in (select contreflineid from prline where prnum=:prnum and siteid=:siteid)
INVOICELINE	polinum in (select polinum from prline where prnum=:prnum and siteid=:siteid) and ponum in (select ponum from prline where prnum=:prnum and siteid=:siteid) and positeid = :siteid
INVOICETRANS	invoicenum in (select invoicenum from invoiceline where ponum in (select ponum from prline where prnum=:prnum and siteid=:siteid) and siteid=:siteid) and siteid = :siteid
INVVENDOR	vendor = :vendor and orgid = :orgid and (siteid=:siteid or siteid is null) and itemnum not in (select itemnum from item where status not in (select value from synonymdomain where domainid = 'ITEMSTATUS' and maxvalue in ('ACTIVE','PLANNING','PENDOBS')))
LABOR	laborcode = :billtoattn and orgid=:orgid
LABOR	laborcode=:supervisor and orgid=:orgid
LABOR	laborcode = :requestedby and orgid=:orgid
LABOR	laborcode = :shiptoattn and orgid=:orgid
MATRECTRANS	polinum in (select polinum from prline where prnum=:prnum and siteid=:siteid) and ponum in (select ponum from prline where prnum=:prnum and siteid=:siteid) and positeid = :siteid
PDSPEC	pdownerid=:prid and refobjectname='PRLINE'
PDSPEC	pdownerid=:prid and refobjectname='PRLINE'
PERSON	personid=:shiptoattn
PERSON	personid=:billtoattn
POLINE	ponum in (select ponum from prline where prnum=:prnum and siteid=:siteid and positeid=poline.siteid) and polinum in (select polinum from prline where prnum=:prnum and siteid=:siteid and positeid=poline.siteid and porevisionnum=poline.revisionnum)
PRLINE	prnum=:prnum and siteid=:siteid and mktplicitem=:yes
PRLINE	prnum=:prnum and siteid=:siteid
PRSTATUS	prnum=:prnum and siteid=:siteid
PRTERM	prnum=:prnum and siteid=:siteid
RFQLINE	rfqlineid in (select rfqlineid from prline where prnum=:prnum and siteid=:siteid)

Maximo Data Relationships

The PR Table (PR)

Child Table	Relationship Clause
SERVRETRANS	polinenum in (select polinenum from prline where prnum=:prnum and siteid=:siteid) and ponum in (select ponum from prline where prnum=:prnum and siteid=:siteid) and positeid = :siteid
SITE	siteid = :siteid and orgid = :orgid
SYNONYMDOMAIN	domainid='PRSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
WFASSIGNMENT	ownertable = 'PR' and wfaassignment.ownerid = :prid and assignstatus in (select value from synonymydomain where domainid='WFASSGNSTATUS' and maxvalue='ACTIVE')
WFINSTANCE	ownertable = 'PR' and ownerid = :prid and active = 1
WFTRANSACTION	ownertable = 'PR' and ownerid = :prid

The SR view (SR)

Child Table	Relationship Clause
CI	cinum=:cinum
EMAIL	:owner = personid and isprimary='1'
LONGDESCRIPTION	ldkey=:TICKETUID and ldownertable= 'TICKET'
PERSON	:owner = personid
SYNONYMDOMAIN	domainid='SRSTATUS' and value=:status and :&DOMAINFILTER&_STATUS
TICKETSPEC	refobjectid=:ticketuid and refobjectname='SR' and classtructureid=:classtructureid
TKSERVICEADDRESS	ticketid = :ticketid and class = :class
TKSTATUS	ticketid = :ticketid and siteid = :siteid and changedate = (select max(changedate) from tkstatus where ticketid = :ticketid and siteid = :siteid)
WFASSIGNMENT	ownertable = 'SR' and wfaassignment.ownerid = :ticketuid and assignstatus in (select value from synonymydomain where domainid='WFASSGNSTATUS' and maxvalue='ACTIVE')
WFTRANSACTION	ownertable = 'SR' and ownerid = :ticketuid

The Ticket table (TICKET)

Child Table	Relationship Clause
ASSET	assetnum=:assetnum and siteid=:assetsiteid
ASSET	assetnum=:assetnum and siteid=:assetsiteid
ASSETLOCCOMM	commodity=:commodity and assettype is null
ASSETLOCCOMM	commoditygroup=:commoditygroup and assettype is null
ASSETLOCCOMM	commodity=:commodity and assettype is not null
ASSETLOCCOMM	commoditygroup=:commoditygroup and assettype is not null
CI	cinum=:cinum
CI	service=:commodity
CI	servicegroup=:commoditygroup
CI	location=:location and assetlocsiteid=:assetsiteid
CI	cinum = :cinum
CI	cinum = :cinum
CI	assetnum=:assetnum and assetlocsiteid=:assetsiteid
CLASSANCESTOR	classtructureid=:classtructureid
CLASSSPEC	classtructureid=:classtructureid
CLASSSTRUCTURE	classtructureid = :classtructureid
COMMLOG	(ownerid=:ticketuid) and ownertable in (select value from synonymydomain where domainid='TKCLASS')
CONTCOMMODITY	commodity=:commodity and contractnum in (select contractnum from contract where contract.contractnum=contcommodity.contractnum and contract.revisionnum=contcommodity.revisionnum and contract.status in (select value from synonymydomain where domainid='CONTRACTSTATUS' and maxvalue='APPR'))

Maximo Data Relationships

The Ticket table (TICKET)

Child Table	Relationship Clause
CONTCOMMODITY	((commodity=:commodity and contractnum not in (select contractnum from contcommodity where parent=:commodity) or parent=:commodity) and contractnum in (select contractnum from contract where contract.contractnum=contcommodity.contractnum and contract.revisionnum=contcommodity.revisionnum and contract.status in (select value from synonymdomain where domainid='CONTRACTSTATUS' and maxvalue='APPR')))
FAILURECODE	failurecode=:failurecode and orgid=:assetorgid
FAILURELIST	parent in (select failurelist from failurelist where failurecode = :failurecode and parent is null) and orgid=:assetorgid
FAILUREREMARK	ticketid=:ticketid and ticketclass=:class
FAILUREREPORT	ticketid=:ticketid and ticketclass=:class
INCIDENT	origrecordclass = :class and origrecordid = :ticketid and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'INCIDENT') and reportdate = (select max(reportdate) from ticket where origrecordclass = :class and origrecordid = :ticketid and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'INCIDENT'))
LABOR	laborcode=:reportedby and orgid=:orgid
LABTRANS	labtransid in (((select labtransid from labtrans where ticketid=:ticketid and ticketclass=:class) union all select labtransid from labtrans where refwo in (select wonum from workorder where (origrecordid=:ticketid and origrecordclass=:class and woclass in (select value from synonymdomain where domainid='WOCLASS' and maxvalue='ACTIVITY')))))
LABTRANS	ticketid=:ticketid and ticketclass=:class and genapprservreceipt=0
LABTRANS	ticketid=:ticketid and ticketclass=:class and timerstatus in (select value from synonymdomain where domainid = 'TIMERSTATUS' and maxvalue = 'ACTIVE')
LOCATIONS	location=:location and siteid=:assetsiteid
MAXUSER	personid=:&USERNAME&
MULTIASSETLOCCI	recordkey=:ticketid and recordclass=:class and isprimary=1
MULTIASSETLOCCI	recordkey=:ticketid and recordclass=:class
MULTIASSETLOCCI	recordkey=:ticketid and recordclass=:class and isprimary=1
MULTIASSETLOCCI	recordkey=:ticketid and recordclass=:class and isprimary=0
PERSON	personid=:owner
PERSON	personid=:reportedby
PERSON	personid=:affectedperson
PERSONGROUP	persongroup=:ownergroup
PERSONGROUPVIEW	1=1
PMCOMSR	origrecordclass =:class and origrecordid=:ticketid and pmcomtype is not null
PROBLEM	origrecordclass = :class and origrecordid = :ticketid and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'PROBLEM') and reportdate = (select max(reportdate) from ticket where origrecordclass = :class and origrecordid = :ticketid and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'PROBLEM'))
RELATEDRECORD	recordkey=:ticketid and class=:class and relatetype in (select value from synonymdomain where domainid = 'RELATETYPE' and maxvalue='RELATED')
RELATEDRECORD	recordkey=:ticketid and class=:class and relatetype in (select value from synonymdomain where domainid = 'RELATETYPE' and maxvalue in ('ISGLOBAL'))
RELATEDRECORD	recordkey=:ticketid and class=:class and relatetype in (select value from synonymdomain where domainid = 'RELATETYPE' and maxvalue in ('ORIGINATOR'))
RELATEDRECORD	recordkey=:ticketid and class=:class
RELATEDRECORD	recordkey=:ticketid and class =:class and relatedreckey in (select ticketid from ticket where hassolution=1)
RELATEDRECORD	recordkey=:ticketid and class =:class and relatedrecclass in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue in ('SR', 'PROBLEM', 'INCIDENT'))
RELATEDRECORD	recordkey=:ticketid and class =:class and relatedrecclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue in ('CHANGE', 'RELEASE', 'ACTIVITY', 'WORKORDER'))
RELATEDRECORD	recordkey=:ticketid and class =:class and relatedreckey in (select ticketid from ticket where selfservsolaccess=1)
SLA	commodity=:commodity
SLA	commoditygroup=:commoditygroup

Maximo Data Relationships

The Ticket table (TICKET)

Child Table	Relationship Clause
SLARECORDS	ownertable = 'TICKET' and ownerid = :ticketuid
SOLUTION	status in (select value from synonymdomain where domainid='SOLUTIONSTATUS' and maxvalue in ('ACTIVE'))
SOLUTION	SOLUTION=:SOLUTION
SR	origrecordclass = :class and origrecordid = :ticketid and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'SR') and reportdate = (select max(reportdate) from ticket where origrecordclass = :class and origrecordid = :ticketid and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'SR'))
TICKETSPEC	refobjectid=:ticketuid
TICKETSPEC	ticketid= :ticketid and class=:class and classtructureid = :classtructureid
TKOWNERHISTORY	ticketid=:ticketid and class=:class
TKSERVICEADDRESS	ticketid = :ticketid and class = :class
TKSTATUS	ticketid=:ticketid and class=:class
TKTEMPLATE	class=:class and (:orgid is null or (orgid=:orgid or orgid is null)) and status in (select value from synonymdomain where domainid = 'TEMPLATESTATUS' and maxvalue = 'ACTIVE')
WOACTIVITY	origrecordid=:ticketid and origrecordclass=:class and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue='ACTIVITY')
WOACTIVITY	origrecordclass = :class and origrecordid = :ticketid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'ACTIVITY') and reportdate = (select max(reportdate) from workorder where origrecordclass = :class and origrecordid = :ticketid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'ACTIVITY'))
WOCHANGE	origrecordclass = :class and origrecordid = :ticketid and reportdate = (select max(reportdate) from wochange where origrecordclass = :class and origrecordid = :ticketid)
WORELEASE	origrecordclass = :class and origrecordid = :ticketid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'RELEASE') and reportdate = (select max(reportdate) from workorder where origrecordclass = :class and origrecordid = :ticketid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'RELEASE'))
WORKLOG	recordkey=:ticketid and class=:class
WORKLOG	
WORKORDER	origrecordid=:ticketid and origrecordclass=:class and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue != 'ACTIVITY')
WORKORDER	(reportedby=:affectedperson or onbehalfof=:affectedperson) and historyflag=:no and istask=:no
WORKORDER	(reportedby=:reportedby or onbehalfof=:reportedby) and historyflag=:no and istask=:no
WORKORDER	origrecordclass = :class and origrecordid = :ticketid and reportdate = (select max(reportdate) from workorder where origrecordclass = :class and origrecordid = :ticketid)
WORKORDER	wonum=:origrecordid and woclass=:origrecordclass
WORKORDER	commodity=:commodity
WORKORDER	commoditygroup=:commoditygroup
WORKORDER	origrecordid=:ticketid and origrecordclass=:class and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue='ACTIVITY')
WORKVIEW	recordkey=:ticketid and class=:class
WOTASKRELATION	wonum in (select wonum from woancestor where ancestor = :woactivity.wogroup and siteid=:siteid)

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
ACTION	action=:flowaction
ALTITEM	itemnum in (select itemnum from wptem where wonum=:wonum and itemsetid=altitem.itemsetid)
ALTITEM	itemnum in (select itemnum from wptem where wonum=:wonum and itemsetid=altitem.itemsetid)
AMCREW	amcrew=:amcrew and orgid=:orgid
AREASAFFECTED	wonum=:wonum and siteid=:siteid and orgid=:orgid
ASSET	assetnum=:assetnum and siteid=:siteid

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
ASSET	(assetnum=:assetnum or assetnum in (select assetnum from workorder where parent=:wonum and assetnum is not null)) and siteid=:siteid
ASSET	siteid=:siteid and status not in (select value from synonymdomain where maxvalue = 'DECOMMISSIONED' and domainid='LOCASSETSTATUS')
ASSET	assetnum = :assetnum and siteid=:siteid
ASSET	assetnum=:assetnum and siteid=:siteid
ASSETLOCCOMM	commodity=:commodity and assettype is null
ASSETLOCCOMM	commoditygroup = :commoditygroup and assettype is null
ASSETLOCCOMM	commodity=:commodity and assettype is not null
ASSETLOCCOMM	commoditygroup=:commoditygroup and assettype is not null
ASSETMETER	active=:yes and assetnum=:assetnum and siteid=:siteid
ASSETMOVEDFLT	
ASSETTRANS	wonum=:wonum and siteid=:siteid
ASSIGNMENT	wonum=:wonum and siteid=:siteid
ASSIGNMENT	exists (select 1 from workorder yy where ((yy.istask = :yes and yy.parent = :wonum) or (yy.wonum = :wonum)) and assignment.wonum = yy.wonum and yy.siteid = :siteid) and siteid = :siteid
ASSIGNMENT	wonum=:wonum and siteid=:siteid and wplaborid is null
ASSIGNMENT	wonum=:wonum and status in (select value from synonymdomain where domainid='ASSTAT' and maxvalue != 'COMPLETE') and siteid=:siteid
ASSIGNMENT	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
AUTOATTRUPDATE	(wonum=:wonum or wonum in (select wonum from workorder where parent=:wonum and siteid=:siteid)) and worksiteid=:siteid
BOOKMARK	app='WOTRACK' and keyvalue=:workorderid
CALENDAR	calnum=:calendar and orgid=:orgid
CALENDAR	calnum=:calendar and orgid=:orgid
CI	cinum = :cinum
CI	cinum = :cinum
CI	cinum = :cinum
CI	cinum=:cinum
CI	service=:commodity
CI	servicegroup=:commoditygroup
CI	assetnum=:assetnum and assetlocsiteid=:siteid
CLASSANCESTOR	classtructureid=:classtructureid
CLASSSPEC	classtructureid=:classtructureid
CLASSSTRUCTURE	classtructureid = :classtructureid
COMMLOG	exists (select 1 from workorder where workorderid = commlog.ownerid and woclass = commlog.ownertable and workorder.wogroup = :wogroup and workorder.siteid = :siteid)
CONTCOMMODITY	commodity=:commodity and contractnum in (select contractnum from contract where contract.contractnum=contcommodity.contractnum and contract.revisionnum=contcommodity.revisionnum and contract.status in (select value from synonymdomain where domainid='CONTRACTSTATUS' and maxvalue='APPR'))
CONTCOMMODITY	((commodity=:commodity and contractnum not in (select contractnum from contcommodity where parent=:commodity)) or parent=:commodity) and contractnum in (select contractnum from contract where contract.contractnum=contcommodity.contractnum and contract.revisionnum=contcommodity.revisionnum and contract.status in (select value from synonymdomain where domainid='CONTRACTSTATUS' and maxvalue='APPR'))
CONTRACTLINE	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=contractline.itemsetid) and exists (select 1 from contract where contract.contractnum=contractline.contractnum and contract.historyflag=0)
CONTRACTLINE	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=contractline.itemsetid) and exists (select 1 from contract where contract.contractnum=contractline.contractnum and contract.historyflag=:no)
FAILURECODE	failurecode=:failurecode and orgid=:orgid
FAILURECODE	failurecode=:problemcode and orgid=:orgid

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
FAILURECODE	failurecode=:problemcode and orgid=:orgid
FAILURECODE	failurecode=:failurecode and orgid=:orgid
FAILURECODE	failurecode=:fr1code and orgid=:orgid
FAILURECODE	failurecode=:fr2code and orgid=:orgid
FAILURELIST	parent in (select failurelist from failurelist where failurecode = :failurecode and parent is null) and orgid=:orgid
FAILUREREMARK	wonum=:wonum and siteid=:siteid
FAILUREREMARK	wonum=:wonum and siteid=:siteid
FAILUREREPORT	wonum = :wonum and siteid=:siteid
FINCNTRL	fincntrlid=:fincntrlid and orgid=:orgid
INCIDENT	origrecordclass = :woclass and origrecordid = :wonum and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'INCIDENT') and reportdate = (select max(reportdate) from ticket where origrecordclass = :woclass and origrecordid = :wonum and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'INCIDENT'))
INVBALANCES	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=invbances.itemsetid and itemsetid=invbances.itemsetid and storelocsite=invbances.siteid and location=invbances.location)
INVBALANCES	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=invbances.itemsetid)
INVENTORY	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=inventory.itemsetid and storelocsite=inventory.siteid and location=inventory.location)
INVENTORY	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=inventory.itemsetid)
INVRESERVE	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=invreserve.itemsetid and storelocsite=invreserve.storelocsiteid and location=invreserve.location)
INVRESERVE	itemnum in (select itemnum from witem where wonum=:wonum and itemsetid=invreserve.itemsetid)
INVRESERVE	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
INVRESERVE	wonum=:wonum and ponum is null and directreq=:no and siteid=:siteid
INVRESERVE	wonum=:wonum and siteid=:siteid and itemnum in (select itemnum from wpmaterial where wonum=:wonum and siteid=:siteid)
INVRESERVE	wonum=:wonum and siteid=:siteid
INVRESERVE	wonum=:wonum and siteid=:siteid and itemnum in (select itemnum from wptool where wonum=:wonum and siteid=:siteid)
INVRESERVE	wonum=:wonum and siteid=:siteid
INVUSELINE	refwo=:wonum and tositeid=:siteid and linetype not in (select value from synonymdomain where domainid='LINETYPE' and maxvalue='TOOL')
ITEM	itemtype in (:&synonymlist&_itemtype[ITEM]) and itemsetid in (select itemsetid from organization where orgid=:orgid)
ITEM	itemtype in (:&synonymlist&_itemtype[STDSERVICE]) and itemsetid in (select itemsetid from organization where orgid=:orgid)
ITEM	itemtype in (:&synonymlist&_itemtype[TOOL]) and itemsetid in (select itemsetid from organization where orgid=:orgid)
JOBPLAN	jpnum=:jpnum and siteid=:siteid
JOBPLAN	jpnum=:jpnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null)) and pluscrevnum=:pluscjpcrevnum
JOBPLAN	jpnum=:jpnum and ((orgid=:orgid and siteid=:siteid) or (orgid=:orgid and siteid is null) or (orgid is null and siteid is null)) and status in (select value from synonymdomain where domainid='JOBPLANSTATUS' and maxvalue = 'ACTIVE')
LABOR	laborcode=:reportedby and orgid=:orgid
LABOR	laborcode=:supervisor and orgid=:orgid
LABOR	laborcode=:leadcraft and orgid=:orgid
LABOR	laborcode=:supervisor and orgid=:orgid
LABOR	laborcode=:leadcraft and orgid=:orgid

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
LABORBYCREW	
LABTRANS	refwo=:wonum and siteid=:siteid
LABTRANS	refwo=:wonum and siteid=:siteid and timerstatus in (select value from synonymdomain where domainid = 'TIMERSTATUS' and maxvalue = 'ACTIVE')
LABTRANS	refwo in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
LABTRANS	(refwo=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and labtrans.siteid=w.siteid and labtrans.refwo=w.wonum)) and labtrans.siteid=:siteid
LABTRANS	refwo=:wonum and siteid=:siteid and genapprservreceipt=0
LABTRANSENTERBY	1=1
LBSLOCATION	wonum=:wonum and siteid=:siteid
LOCANCESTOR	location =:location and systemid = (select systemid from locsystem where primarysystem = '1' and siteid =:siteid) and siteid=:siteid
LOCATIONMETER	active=:yes and location=:location and siteid=:siteid
LOCATIONS	lol=:EHS_STATUS and location=:location and siteid=:siteid
LOCATIONS	location = :location and siteid=:siteid
LOCATIONS	siteid=:siteid
LOCATIONS	location=:repairfacility and siteid=:repfacsiteid
LOCATIONS	location=:worklocation and siteid=:siteid
LOCATIONS	(location=:location or location in (select location from workorder where parent=:wonum and location is not null)) and siteid=:siteid
LOCATIONS	location=:location and siteid=:siteid
LONGDESCRIPTION	ldkey = :workorderid and ldownertable = 'WORKORDER'
MATUSETRANS	refwo=:wonum and tositeid=:siteid and linetype not in (select value from synonymdomain where domainid='LINETYPE' and maxvalue='TOOL')
MATUSETRANS	tositeid=:siteid and refwo=:wonum
MATUSETRANS	refwo in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes))) and siteid=:siteid and linetype in (select value from synonymdomain where domainid='LINETYPE' and maxvalue='TOOL') and issuetype in (select value from synonymdomain where maxvalue in ('ISSUE') and domainid='ISSUETYP')
MATUSETRANS	refwo in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
MATUSETRANS	(refwo=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and matusetrans.tositeid=w.siteid and matusetrans.refwo=w.wonum)) and matusetrans.tositeid=:siteid
MAXUSER	personid=:&USERNAME&
MEASUREMENT	pointnum=:pointnum and siteid=:siteid
MEASUREPOINT	pointnum=:pointnum and siteid=:siteid
MODDOWNTIMEHIST	1=1
MR	wonum=:wonum and siteid=:siteid
MRLINE	refwo=:wonum and siteid=:siteid
MULTIASSETLOCCI	recordkey=:wonum and recordclass=:woclass and worksiteid=:siteid and isprimary=0
MULTIASSETLOCCI	recordkey=:wonum and recordclass=:woclass and worksiteid=:siteid and isprimary=1
MULTIASSETLOCCI	recordkey=:wonum and recordclass=:woclass and worksiteid=:siteid
MULTIASSETLOCCI	recordkey=:wonum and recordclass=:woclass and cinum is not null and worksiteid=:siteid and multiid =(select min(multiid) from multiassetlocci multi2 where multi2.recordkey=multiassetlocci.recordkey and multi2.recordclass=multiassetlocci.recordclass and multi2.worksiteid=multiassetlocci.worksiteid and multi2.cinum=multiassetlocci.cinum)
MULTIASSETLOCCI	recordkey=:wonum and recordclass=:woclass and worksiteid=:siteid and :linearasset.islinear=1
MULTIASSETLOCCI	recordkey=:wonum and recordclass=:woclass and location is not null and worksiteid=:siteid and multiid =(select min(multiid) from multiassetlocci multi2 where multi2.recordkey=multiassetlocci.recordkey and multi2.recordclass=multiassetlocci.recordclass and multi2.worksiteid=multiassetlocci.worksiteid and multi2.location=multiassetlocci.location and multi2.siteid=multiassetlocci.siteid)

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
MULTIASSETLOCCI	recordkey=:wonom and recordclass=:woclass and assetnum is not null and worksiteid=:siteid and multiid =(select min(multiid) from multiassetlocci multi2 where multi2.recordkey=multiassetlocci.recordkey and multi2.recordclass=multiassetlocci.recordclass and multi2.worksiteid=multiassetlocci.worksiteid and multi2.assetnum=multiassetlocci.assetnum and multi2.siteid=multiassetlocci.siteid)
MULTIASSETLOCCI	recordkey=:wonom and recordclass=:woclass and worksiteid=:siteid and isprimary=1
MULTIASSETLOCCIPR	multiid in (select multiid from multiassetlocci where multiassetlocci.recordkey = :wonom and multiassetlocci.recordclass = :woclass)
PERSON	personid = :lead
PERSON	personid=:reportedby
PERSON	personid=:owner
PERSON	personid=:onbehalfof
PERSONGROUP	persongroup = :persongroup
PERSONGROUP	persongroup=:ownergroup
PERSONGROUPTeam	persongroup=:ownergroup
PERSONGROUPVIEW	1=1
PLUSCSPOTCHECK	wonom = :wonom and siteid = :siteid
PLUSCWODS	wonom = :wonom and siteid = :siteid
PLUSCWODSINSTR	wonom = :wonom and siteid = :siteid
PLUSCWODSPOINT	wonom = :wonom and siteid = :siteid
PLUSCWODSPOINT	wonom = :wonom and siteid = :siteid
PM	pmnum=:pmnum and siteid=:siteid
PM	pmnum=:pmnum and siteid=:siteid
PMCOMSR	origrecordclass = :woclass and origrecordid = :wonom and pmcomtype is not null and reportdate = (select max(reportdate) from ticket where origrecordclass = :woclass and origrecordid = :wonom and pmcomtype is not null)
PO	ponum=:generatedforpo and siteid=:siteid
POLINE	refwo=:wonom and siteid=:siteid and ponum in (select ponum from po where po.siteid=poline.siteid and po.ponum=poline.ponum and po.revisionnum=poline.revisionnum and status not in (select value from synonymdomain where domainid='POSTATUS' and maxvalue in ('CAN','HOLD','PNDREV','REVISE')))
POLINE	refwo=:wonom and siteid=:siteid
POLINE	refwo=:wonom and issue=:yes and siteid=:siteid and linetype not in (select value from synonymdomain where domainid='LINETYPE' and maxvalue in('SERVICE','STDSERVICE'))
POLINE	itemnum in (select itemnum from witem where wonum=:wonom and itemsetid=poline.itemsetid and storelocsite=poline.siteid and location=poline.storeloc) and exists (select 1 from po where po.ponum=poline.ponum and po.revisionnum=poline.revisionnum and po.historyflag = :no)
POLINE	itemnum in (select itemnum from witem where wonum=:wonom and itemsetid=poline.itemsetid) and exists (select 1 from po where po.ponum=poline.ponum and po.revisionnum=poline.revisionnum and po.historyflag = :no)
PRLINE	itemnum in (select itemnum from witem where wonum=:wonom and itemsetid=prline.itemsetid and storelocsite=prline.siteid and location=prline.storeloc) and ponum is null and exists (select 1 from pr where pr.pnum=prline.pnum and pr.historyflag=:no)
PRLINE	itemnum in (select itemnum from witem where wonum=:wonom and itemsetid=prline.itemsetid) and ponum is null and exists (select 1 from pr where pr.pnum=prline.pnum and pr.historyflag=:no)
PRLINE	refwo=:wonom and siteid=:siteid
PRLINE	refwo=:wonom and siteid=:siteid and ponum is null and polinenum is null and prnum in (select prnum from pr where pr.pnum=prline.pnum and status not in (select value from synonymdomain where domainid='PRSTATUS' and maxvalue in('CAN','COMP')))
PRLINE	refwo=:wonom and siteid=:siteid and prnum in (select prnum from pr where pr.pnum=prline.pnum and status not in (select value from synonymdomain where domainid='PRSTATUS' and maxvalue='CAN'))
PROBLEM	origrecordclass = :woclass and origrecordid = :wonom and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'PROBLEM') and reportdate = (select max(reportdate) from ticket where origrecordclass = :woclass and origrecordid = :wonom and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'PROBLEM'))

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
RELATEDRECORD	relatedreckey=:wonum and relatedrecclass=:woclass and relatedrecsiteid=:siteid and relatedrecorgid=:orgid
RELATEDRECORD	recordkey=:wonum and class=:woclass and siteid=:siteid and relatetype in (select value from synonymdomain where domainid = 'RELATETYPE' and maxvalue in ('ORIGINATOR'))
RELATEDRECORD	((recordkey=:origrecordid and class =:origrecordclass) or (recordkey=:parent and class =(select woclass from workorder where wonum=:parent and siteid=:siteid) and siteid=:siteid)) and relatedrecclass in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue in ('SR', 'PROBLEM', 'INCIDENT'))
RELATEDRECORD	((recordkey=:origrecordid and class =:origrecordclass) or (recordkey=:parent and class =(select woclass from workorder where wonum=:parent and siteid=:siteid) and siteid=:siteid)) and relatedrecclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue in ('CHANGE', 'RELEASE', 'ACTIVITY', 'WORKORDER'))
RELATEDRECORD	recordkey=:wonum and class=:woclass and siteid=:siteid and orgid=:orgid
RELATEDRECORD	recordkey=:wonum and class=:woclass and siteid=:siteid and relatedrecclass in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue in ('SR', 'PROBLEM', 'INCIDENT'))
RELATEDRECORD	siteid = :siteid and recordkey=:wonum and class =:woclass and relatedrecclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue in ('CHANGE', 'RELEASE', 'ACTIVITY', 'WORKORDER'))
RELATEDRECORD	recordkey=:parent and class =(select woclass from workorder where wonum=:parent and siteid=:siteid) and relatedrecclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue in ('CHANGE', 'RELEASE', 'ACTIVITY', 'WORKORDER'))
RELATEDRECORD	recordkey=:parent and class =(select woclass from workorder where wonum=:parent and siteid=:siteid) and relatedrecclass in (select value from synonymdomain where domainid='TKCLASS' and maxvalue in ('SR', 'PROBLEM', 'INCIDENT'))
RFQLINE	refwo=:wonum and siteid=:siteid
SAFETYPLAN	safetyplanid in (select safetyplanid from spworkasset where workasset = :1) and siteid=:siteid
SAFETYPLAN	safetyplanid in (select w1.safetyplanid from spworkasset w1 where w1.workasset = :1 or w1.worklocation = :2) and siteid=:siteid
SAFETYPLAN	safetyplanid in (select safetyplanid from jpassetsplink where jpnun = :1 and (assetnum = :2 or location = :3) and siteid=:siteid) and siteid=:siteid
SAFETYPLAN	safetyplanid in (select safetyplanid from spworkasset where worklocation = :1 and siteid=:siteid) and siteid=:siteid
SERVRECTRANS	refwo=:wonum and siteid=:siteid and status in (select value from synonymdomain where domainid='RECEIPTSTATUS' and maxvalue='COMP')
SERVRECTRANS	refwo in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
SERVRECTRANS	(refwo=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and servrectrans.siteid=w.siteid and servrectrans.refwo=w.wonum)) and servrectrans.siteid=:siteid
SLA	commodity=:commodity
SLA	commoditygroup=:commoditygroup
SLARECORDS	ownertable = 'WORKORDER' and ownerid = :workorderid
SLARECORDS	ownertable = 'WORKORDER' and (ownerid = :workorderid or ownerid in (select workorderid from workorder where parent = :wonum and siteid = :siteid and istask=:yes))
SPRELATEDASSET	(assetnum = :assetnum or assetnum is null) and (location = :location or location is null) and siteid=:siteid
SR	origrecordclass = :woclass and origrecordid = :wonum and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'SR') and reportdate = (select max(reportdate) from ticket where origrecordclass = :woclass and origrecordid = :wonum and class in (select value from synonymdomain where domainid = 'TKCLASS' and maxvalue = 'SR'))
TICKET	origrecordclass = :woclass and origrecordid = :wonum and reportdate = (select max(reportdate) from ticket where origrecordclass = :woclass and origrecordid = :wonum)
TICKET	ticketid=:origrecordid and class=:origrecordclass
TICKET	commodity=:commodity
TICKET	commoditygroup=:commoditygroup
TOOLTRANS	(refwo=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and tooltrans.siteid=w.siteid and tooltrans.refwo=w.wonum)) and tooltrans.siteid=:siteid

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
TOOLTRANS	refwo in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
TOOLTRANS	refwo=:wonum and siteid=:siteid
WFASSIGNMENT	ownertable = 'WORKORDER' and wfassignment.ownerid = :workorderid and assignstatus in (select value from synonymdomain where domainid='WFASGNSTATUS' and maxvalue='ACTIVE')
WFINSTANCE	ownertable = 'WORKORDER' and ownerid = :workorderid and active = 1
WFTRANSACTION	ownertable = 'WORKORDER' and ownerid = :workorderid
WFTRANSACTION	ownerid in (select workorderid from workorder where wonum in (select wonum from woancestor where ancestor = :wonum)) and transtype in (select value from synonymdomain where domainid='WFTRANSTYPE' and maxvalue in ('ACCEPT','REJECT','WFASSIGNCOMP')) and exists (select title from wfnode where title like '@%' and nodeid = wftransaction.nodeid and processname = wftransaction.processname and processrev = wftransaction.processrev)
WOACTIVITY	origrecordclass = :woclass and origrecordid = :wonum and siteid = :siteid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'ACTIVITY') and reportdate = (select max(reportdate) from workorder where origrecordclass = :woclass and origrecordid = :wonum and siteid = :siteid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'ACTIVITY'))
WOACTIVITY	parent=:wonum and siteid=:siteid
WOANCESTOR	wonum = :wonum and ancestor != :wonum and siteid=:siteid
WOANCESTOR	wonum=:wonum and ancestor=:wonum and siteid=:siteid
WOANCESTOR	wonum=:wonum and ancestor=:wonum and hierarchylevels=0 and siteid=:siteid
WOASSETUSERCUST	exists (select 1 from multiassetloci where recordkey=:wonum and recordclass=:woclass and siteid=:siteid and multiid=woassetusercust.multiid)
WOCHANGE	parent=:wonum and siteid=:siteid
WOCHANGE	origrecordclass = :woclass and origrecordid = :wonum and siteid = :siteid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'CHANGE') and reportdate = (select max(reportdate) from workorder where origrecordclass = :woclass and origrecordid = :wonum and siteid = :siteid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'CHANGE'))
WOCONTRACT	wonum=:wonum and siteid=:siteid
WOCONTRACT	wonum=:wonum and siteid=:siteid
WOHAZARD	wonum = :wonum and siteid=:siteid
WOHAZARD	wonum = :wonum and hazmatenabled = :yes and siteid=:siteid
WOHAZARD	wonum = :wonum and precautionenabled = :yes and siteid=:siteid
WOHAZARD	wonum = :wonum and tagoutenabled = :yes and siteid=:siteid
WOHAZARDPREC	wonum = :wonum and siteid=:siteid
WOLOCKOUT	wonum = :wonum and siteid=:siteid
WOLOCUSERCUST	exists (select 1 from multiassetloci where recordkey=:wonum and recordclass=:woclass and siteid=:siteid and multiid=wolocusercust.multiid)
WOMETER	wonum=:wonum and siteid=:siteid
WOMETER	1=2
WOOWNERHISTORY	wonum=:wonum and woclass=:woclass and siteid=:siteid
WOPRECAUTION	wonum = :wonum and siteid=:siteid
WORELEASE	parent=:wonum and siteid=:siteid
WORELEASE	origrecordclass = :woclass and origrecordid = :wonum and siteid = :siteid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'RELEASE') and reportdate = (select max(reportdate) from workorder where origrecordclass = :woclass and origrecordid = :wonum and siteid = :siteid and woclass in (select value from synonymdomain where domainid = 'WOCLASS' and maxvalue = 'RELEASE'))
WORKLOG	recordkey=:wonum and class=:woclass and siteid=:siteid
WORKLOG	recordkey=:wonum and class=:woclass and siteid=:siteid
WORKORDERSPEC	refobjectid=:workorderid
WORKORDERSPEC	wonum= :wonum and classtructureid = :classtructureid and siteid=:siteid
WORKTYPE	worktype = :worktype and orgid=:orgid
WORKTYPE	worktype=:worktype and orgid=:orgid
WORKVIEW	recordkey=:wonum and class=:woclass and siteid=:siteid

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
WOSAFETYLINK	wonum = :wonum and siteid=:siteid
WOSAFETYLINK	wonum = :wonum and tagoutid is not null and exists (select * from wohazard where wonum = :wonum and hazardid = wosafetylink.hazardid and wosafetydatasource = wosafetylink.wosafetydatasource and tagoutenabled = :yes) and siteid=:siteid
WOSAFETYLINK	wonum = :wonum and exists (select * from wohazard where wonum = :wonum and hazardid = wosafetylink.hazardid and wosafetydatasource = wosafetylink.wosafetydatasource and hazmatenabled = :yes and siteid=:siteid) and siteid=:siteid
WOSAFETYLINK	wonum = :wonum and exists (select * from wohazard where wonum = :wonum and hazardid = wosafetylink.hazardid and wosafetydatasource = wosafetylink.wosafetydatasource and precautionenabled = :yes and siteid=:siteid) and siteid=:siteid
WOSAFETYLINK	wonum = :wonum and tagoutid is null and exists (select * from wohazard where wonum = :wonum and hazardid = wosafetylink.hazardid and wosafetydatasource = wosafetylink.wosafetydatasource and tagoutenabled = :yes and siteid=:siteid) and siteid=:siteid
WOSAFETYPLAN	wonum=:wonum and siteid=:siteid
WOSAFETYPLAN	wonum = :wonum and siteid=:siteid
WOSERVICEADDRESS	wonum = :wonum and siteid = :siteid
WOSTATUS	wonum=:wonum and siteid=:siteid and changedate =(select max(changedate) from wostatus where wonum = :wonum and siteid = :siteid)
WOSTATUS	wonum = :wonum and siteid=:siteid
WOTAGLOCK	wonum = :wonum and siteid=:siteid
WOTAGOUT	wonum = :wonum and siteid=:siteid
WOTASKRELATION	wonum=:wonum and siteid=:siteid
WOTASKRELATION	wonum in (select wonum from woancestor where ancestor = :wonum and siteid=:siteid)
WOTASKRELATION	predrefwonum=:wonum and siteid=:siteid
WOTASKRELATION	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPITEM	wonum=:wonum and siteid=:siteid
WPITEM	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPITEM	wonum in (select wonum from woancestor where ancestor = :wonum and siteid = :siteid)
WPLABOR	wonum in (select wonum from woancestor where ancestor = :wonum and siteid=:siteid)
WPLABOR	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPLABOR	(wonum=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and wplabor.siteid=w.siteid and wplabor.wonum=w.wonum)) and wplabor.siteid=:siteid
WPLABOR	wonum=:wonum and siteid=:siteid
WPLABOR	exists (select 1 from workorder yy where ((yy.istask = :yes and yy.parent = :wonum) or (yy.wonum = :wonum)) and wplabor.wonum = yy.wonum and yy.siteid = :siteid) and siteid = :siteid
WPMATERIAL	wonum=:wonum and siteid=:siteid
WPMATERIAL	exists (select 1 from workorder yy where ((yy.istask = :yes and yy.parent = :wonum) or (yy.wonum = :wonum)) and wpmaterial.wonum = yy.wonum and yy.siteid = :siteid) and siteid = :siteid
WPMATERIAL	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPMATERIAL	wonum=:wonum and siteid=:siteid and directreq=:yes and pr is null and prlinenum is null
WPMATERIAL	wonum in (select wonum from workorder where wonum in (select wonum from woancestor where ancestor = :wonum and siteid=:siteid)) and siteid=:siteid
WPMATERIAL	(wonum=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and wpmaterial.siteid=w.siteid and wpmaterial.wonum=w.wonum)) and wpmaterial.siteid=:siteid
WPMATERIAL	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPMATERIAL	wonum in (select wonum from woancestor where ancestor = :wonum and siteid=:siteid)
WPMATERIAL	wonum=:wonum and siteid=:siteid and directreq=:no
WPMATERIAL	wonum=:wonum and siteid=:siteid and directreq=:yes
WPSERVICE	wonum in (select wonum from woancestor where ancestor = :wonum and siteid = :siteid)

Maximo Data Relationships

The WORKORDER Table (WORKORDER)

Child Table	Relationship Clause
WPSERVICE	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPSERVICE	(wonum=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and wpservice.siteid=w.siteid and wpservice.wonum=w.wonum)) and wpservice.siteid=:siteid
WPSERVICE	wonum=:wonum and siteid=:siteid
WPSERVICE	exists (select 1 from workorder yy where ((yy.istask = :yes and yy.parent = :wonum) or (yy.wonum = :wonum)) and wpservice.wonum = yy.wonum and yy.siteid = :siteid) and siteid = :siteid
WPTOOL	wonum=:wonum and siteid=:siteid
WPTOOL	exists (select 1 from workorder yy where ((yy.istask = :yes and yy.parent = :wonum) or (yy.wonum = :wonum)) and wptool.wonum = yy.wonum and yy.siteid = :siteid) and siteid = :siteid
WPTOOL	(wonum=:wonum or exists (select 1 from workorder w where w.parent=:wonum and w.istask=1 and wptool.siteid=w.siteid and wptool.wonum=w.wonum)) and wptool.siteid=:siteid
WPTOOL	wonum in (select wonum from workorder where (wonum=:wonum or (parent=:wonum and istask = :yes)) and siteid=:siteid)
WPTOOL	wonum in (select wonum from woancestor where ancestor = :wonum and siteid=:siteid)