ORACLE

JD EDWARDS WORLD

JD Edwards World

Service Enablement SP1 Guide

Version A9.2

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A9.2 Service Enablement SP1

Overview of JD Edwards World Service Enablement

The purpose of the JD Edwards World Service Enablement product is to expose JD Edwards World business process to the outside world.

JD Edwards created a Java API layer, which is exposed to outside applications through Web services. To communicate with JD Edwards World applications, the Java API layer uses one of several options.

The first option is to utilize a new World Z-File Process; wherein the Java API layer writes to Z-Tables using the World JDBj database connector, then the Java program calls DREAM Writer to access the World interactive applications in a batch mode.

Another option is having the API layer make RPG program calls from the Java code using the JT400 toolset.

A third communication option used is to perform SQL calls from the Java code to the World database tables. The World JDBj API is used to process the SQL, as it allows for data conversion from the World database. Finally, RPG programs might call the internal Java API layer. The communication option used depends on the type of business process and could include more than one of the choices described here.

Data objects were created for each business processes. The data objects are exposed to outside applications by utilizing Web services (that use a WSDL interface) for each business process. The Web services are bundled inside an Enterprise Archive file, or .ear file, which can be deployed to a Java application server. The Web services are J2EE compliant and can be used, or consumed, by other Java programs. The WSDL interface also allows for the Web services to be consumed by third-party integration applications, such as Oracle's BPEL Process Manager or IBM's WebSphere Business Integrator.

The following diagram displays a graphical view of the JD Edwards World Service Enablement architecture.

World A9.2 Service Enablement

System i

RPG to Java Calls

Internal Java APIs

Z-File Process

World Applications

Java to RPG Calls

System i or Other Server

J2EE Container

Java API Layer (POJO's)

WSDLs

JDBj

Other Applications (Web Service Consumers)

SQL Calls

World Tables
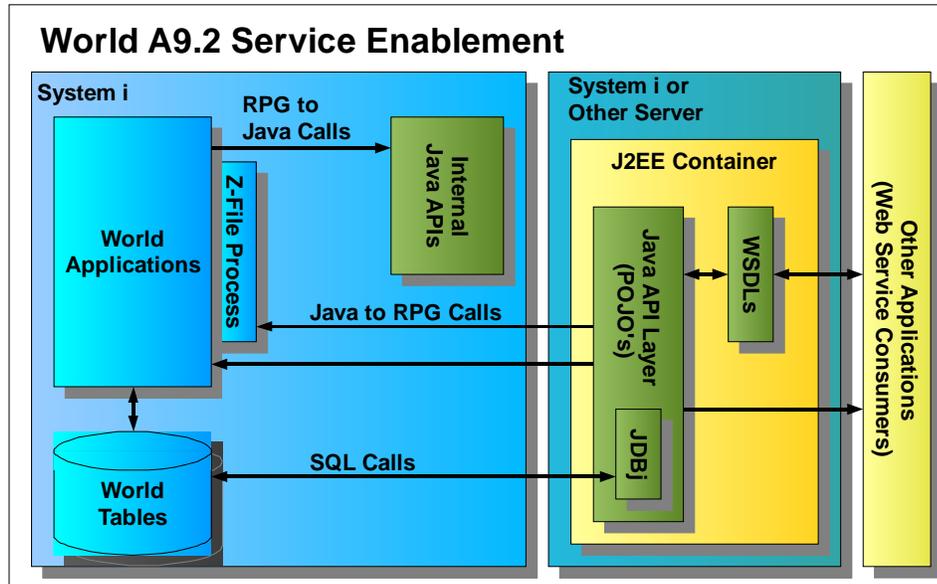
The different colors in the diagram represent different components of Service Enablement:

- Light blue – World RPG, DB2/400 components
- Light green – World Java, J2EE components
- Yellow – non-World applications

Following is a brief explanation of the terms used in the diagram:

- Z-File Process – new World process for accessing interactive applications using a batch Z-File mode
- API – Application Programming Interface
- J2EE – Java 2 Platform, Enterprise Edition
- J2EE Container – J2EE application server (environment)
- Java – programming language designed for distributed environments
- JDBj – Oracle custom JDBC database connector, includes JD Edwards data scrubbing
- RPG – programming language in which JD Edwards World is written
- SQL – Structured Query Language
- WSDLs – Web Service Definition Language (web service document)

What's Installed

Components of JD Edwards World Service Enablement

The following components are installed when you install JD Edwards World Service Enablement:

- World A9.2 Service Enablement Java application .ear file for either the Oracle Application Server (OAS) or the WebSphere Application Server (WAS).

  For OAS, the file is WorldSE_A91-MP4_OAS.ear.

  For WAS, the file is WorldSE_A91_Websphere.ear. This file contains the Java API .jar file, the Web services files, the Web services configuration file (config.xml) and all the supporting files. The file can be deployed to the application server so that the Web services can be run.

- World A9.2 Service Enablement Java API .jar file, along with supporting .jar files, is on the System i in the WORLDSOA_JAVA directory under the Root IFS directory. The system uses this in conjunction with the A9.2 Approvals Management system.

- Source code for the services is in a Source folder in the installation working folder. Source code is in the form of .zip files for use in Oracle's JDeveloper or IBM's WebSphere Development Studio Client (WDSc).

Installed Web services

The following lists the Web services installed with World Service Enablement:

- Address Book
- Customer Master
- Supplier Master
- Item Master Information
- G/L Account
- Journal Entry
- Fixed Asset Master Information
- Fixed Asset Cost Summary
- Purchase Order
- Sales Order
- Item Master Information

How to Turn Service Enablement On

Deploying and Enabling Web services

The following are basic instructions for deploying the JD Edwards World Service Enablement .ear application files to either the Oracle Application Server 10.1.3 (OAS) or the WebSphere Application Server 6.1 (WAS). You can also use WebSphere Application Server Express edition. See either the Oracle or WebSphere Application Server documentation for detailed instructions and deployment options on deploying the .ear files.

Deploying to Oracle Application Server

1. Start your Oracle Application Server.

2. Login to OAS Enterprise Manager. The following is the default:

   http://machine.name:8888/em
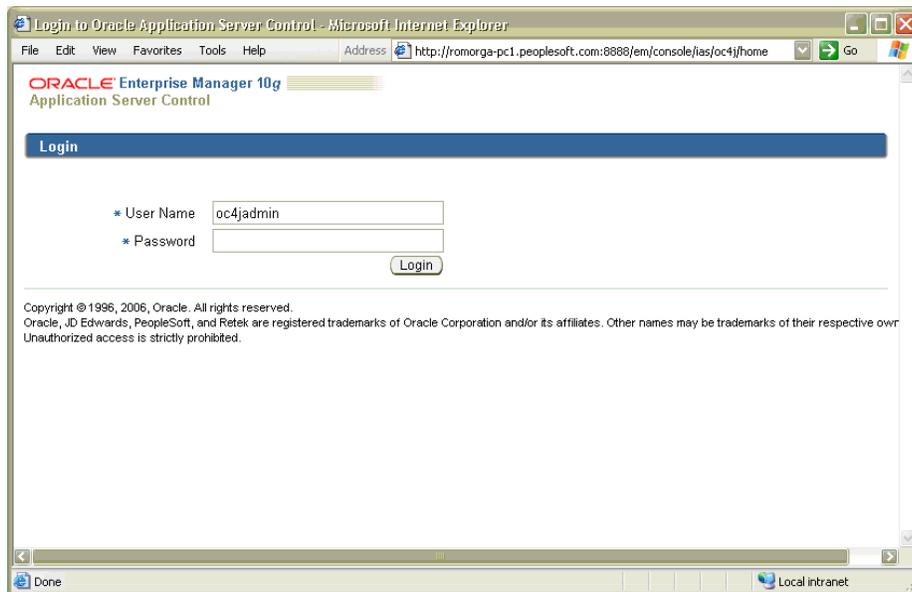
3. On the OC4J: home page, click the Applications tab and then click Deploy.
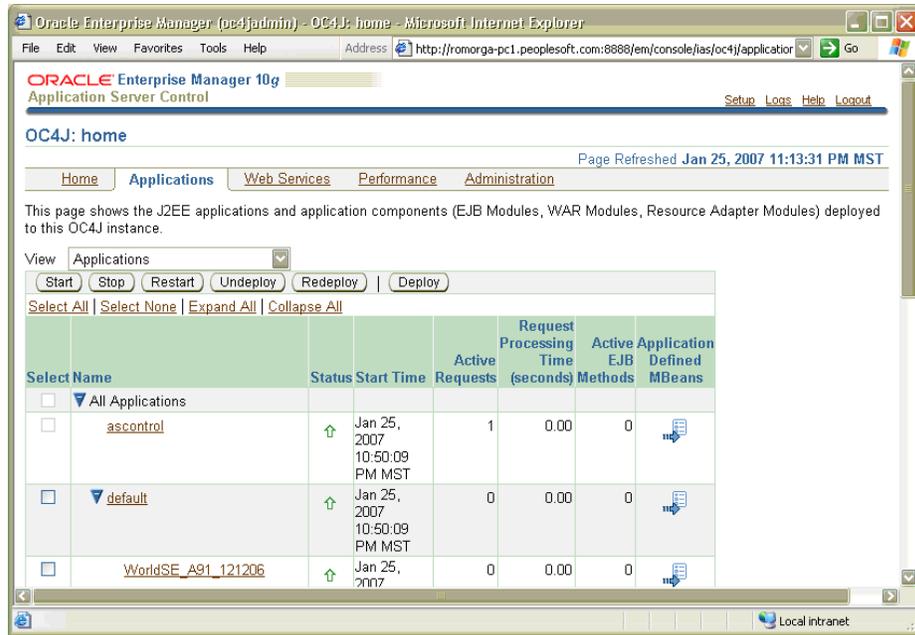
4. On Deploy: Select Archive, click Deploy.

5. Click Browse to access the location for the Archive Location on the local host.
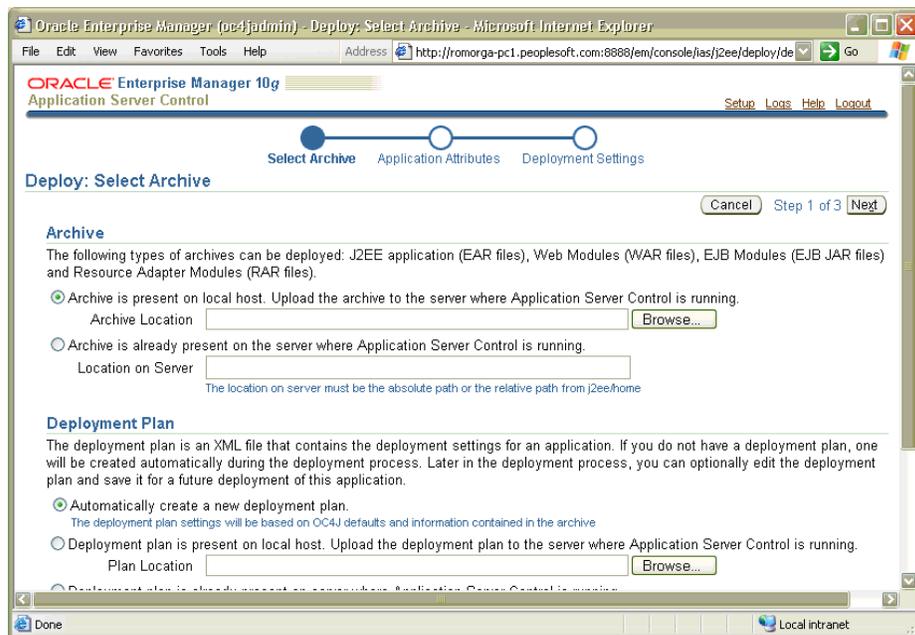
6. On Choose File, locate the WORLDSOA_WEBSERVICES folder in your install directory. Choose the WorldServicesEnablement-A9.2-0.ear file and click Open.
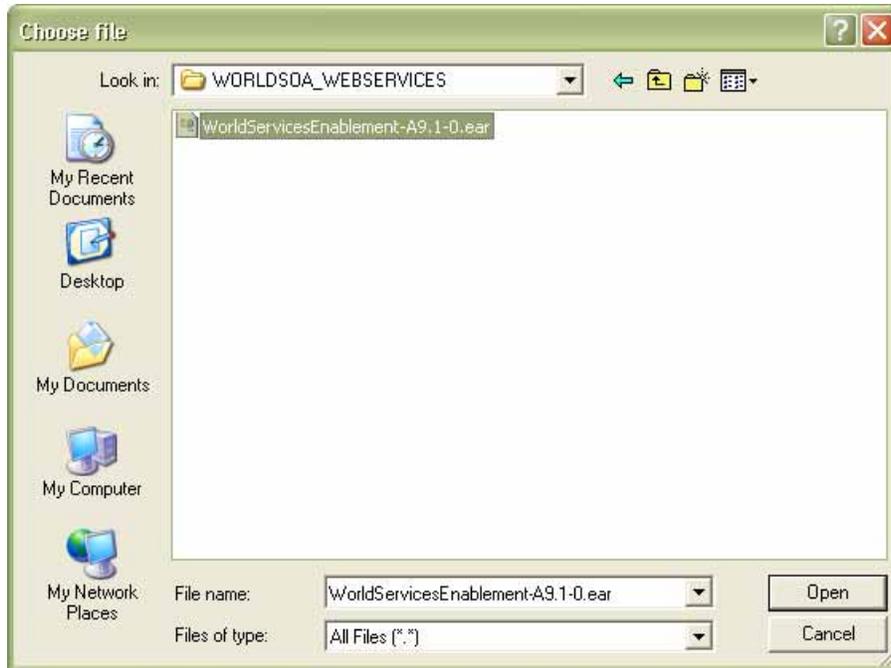
7. On Deploy: Select Archive, click Next.
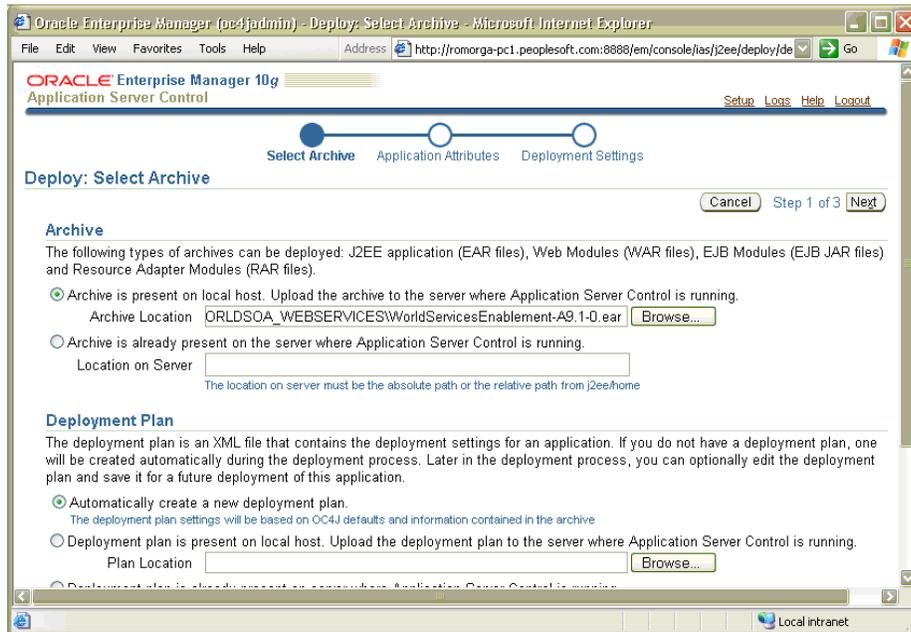
8. On Deploy: Application Attributes, complete the following field and click Next:

   ▪ Application Name

   ▪ Optionally, you can change the Context Root attribute
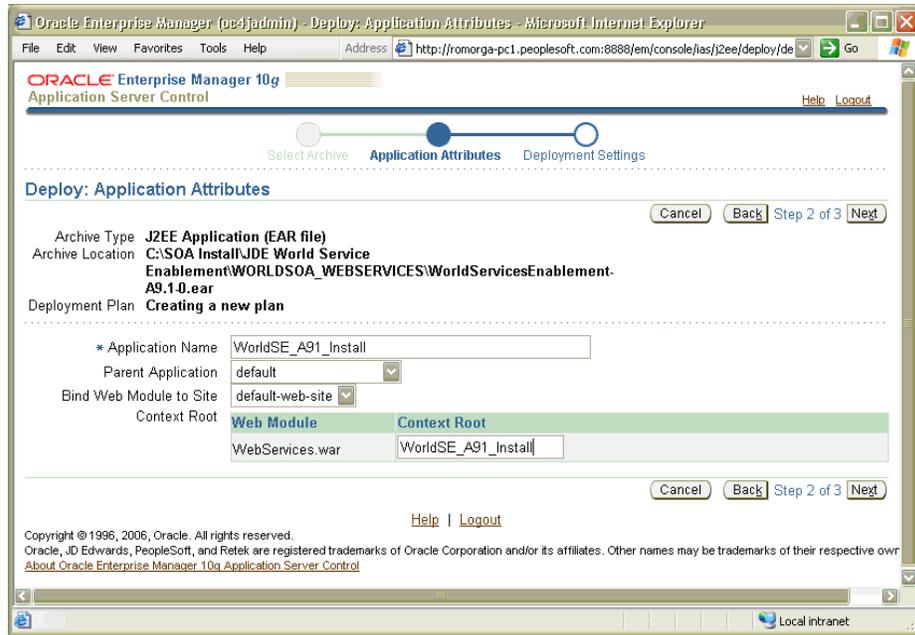
9. On Deploy: Deployment Settings, click Deploy.
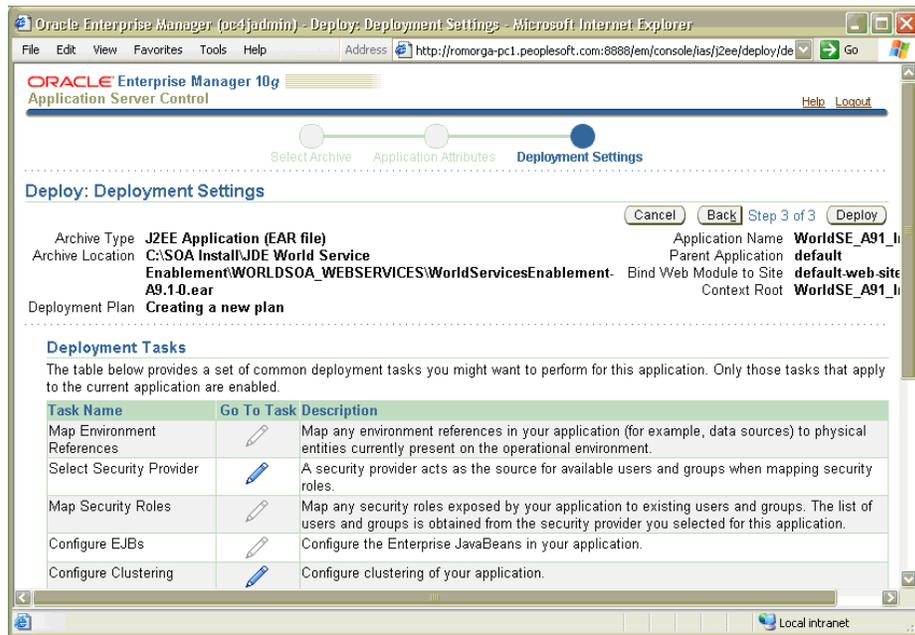
10. On the Confirmation screen, click Return.
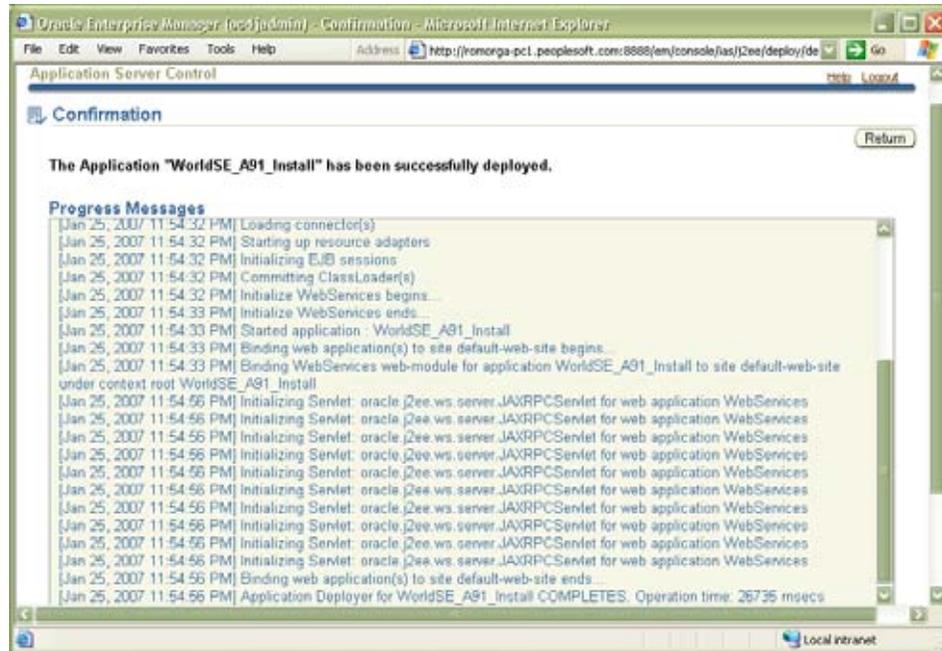
Deploying to WebSphere Application Server

1. Start your WebSphere Application Server.

2. Login to WAS Administration Console. The following is the default:

   http://machine.name:port/ibm/console
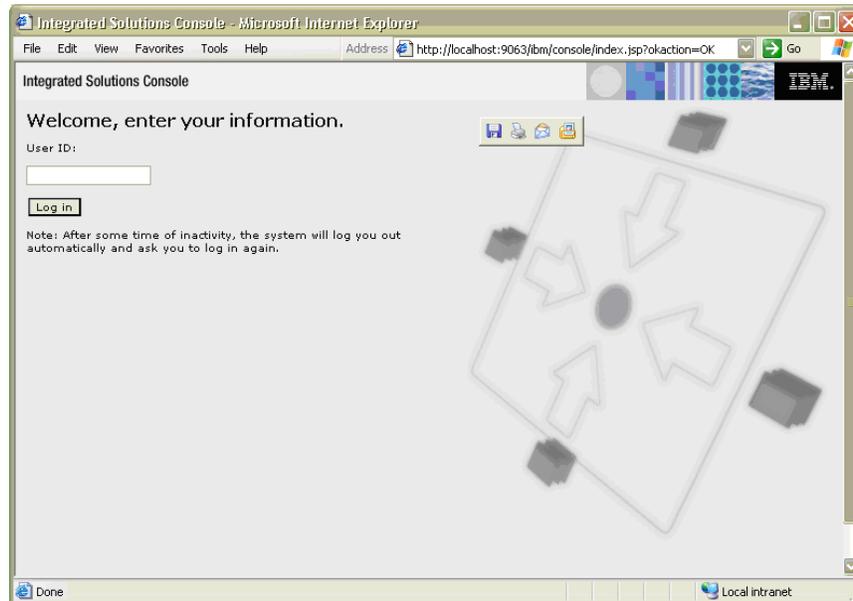
3. On Integrated Solutions Console Welcome, open the Applications option and choose Enterprise Applications.

The system displays the Enterprise Applications.

4. On Enterprise Applications, click Install.
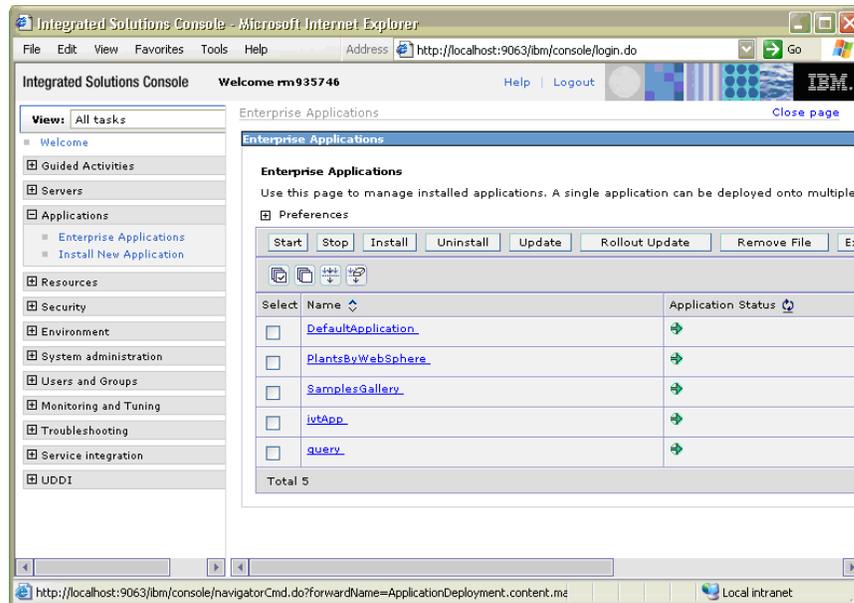
5. On Preparing for the application installation, choose Local file system and then click Browse to locate the file.
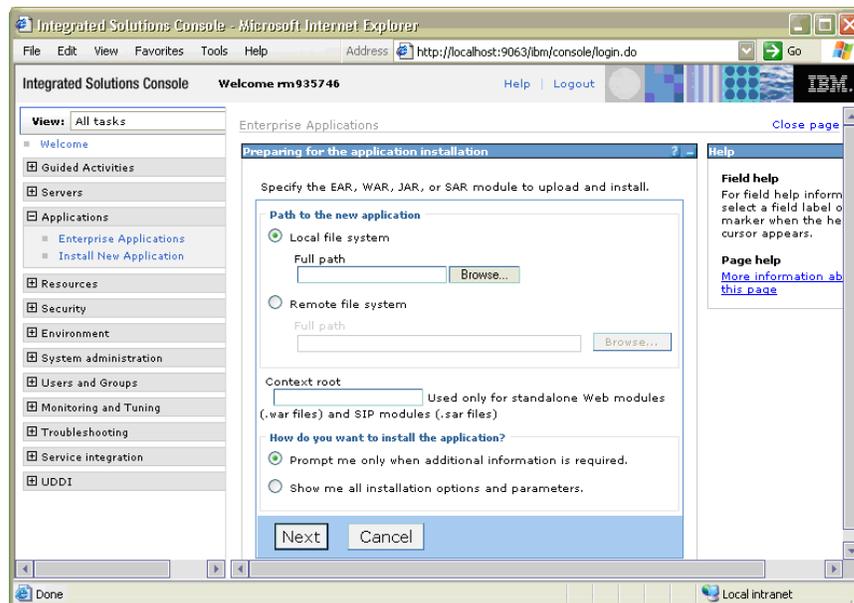
6. On Choose File, open the WORLDSOA_WEBSERVICES folder in your install directory, choose the WorldSOA_A91_WebsphereEAR.ear file and click Open.
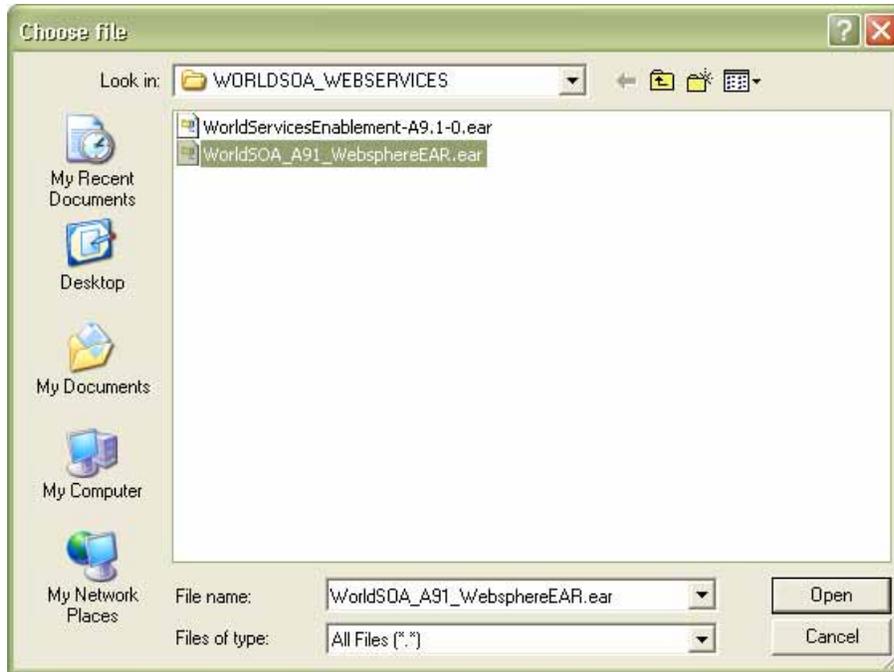
7.   On Preparing for the application installation, click Next.
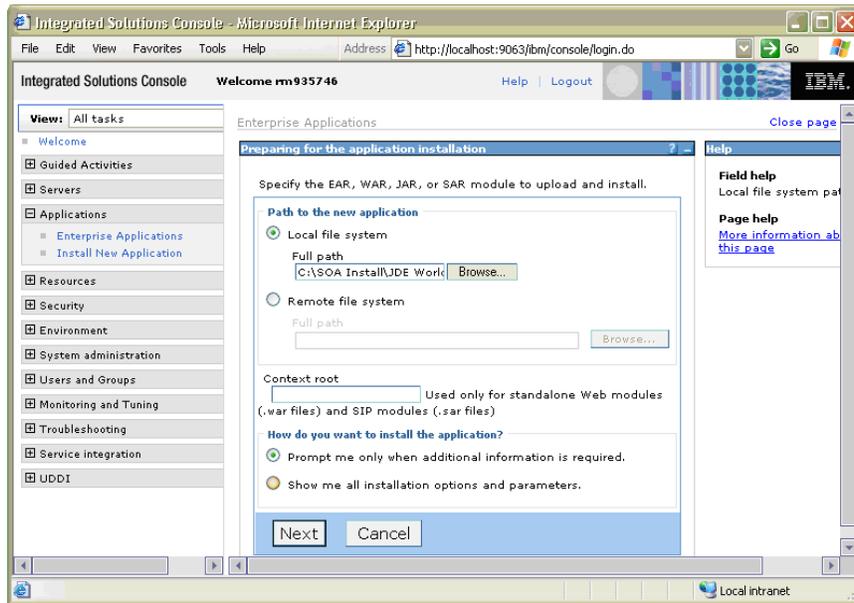
8.   On Install New Application, accept the default values and click Next.
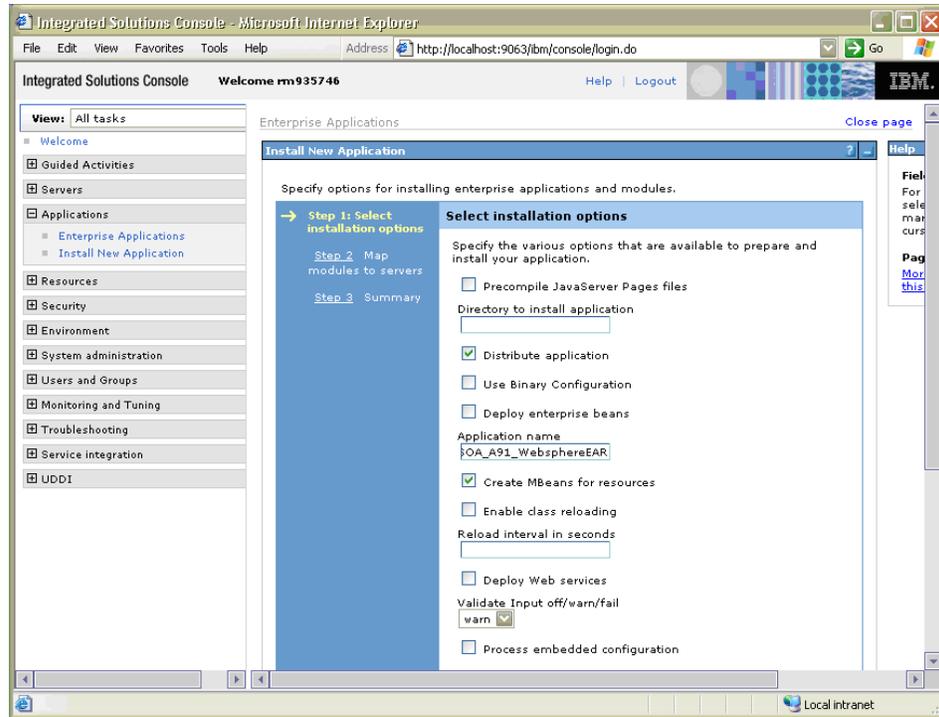
9. On Install New Application, verify the correct server is set for the module, if multiple servers are running, and click Next.
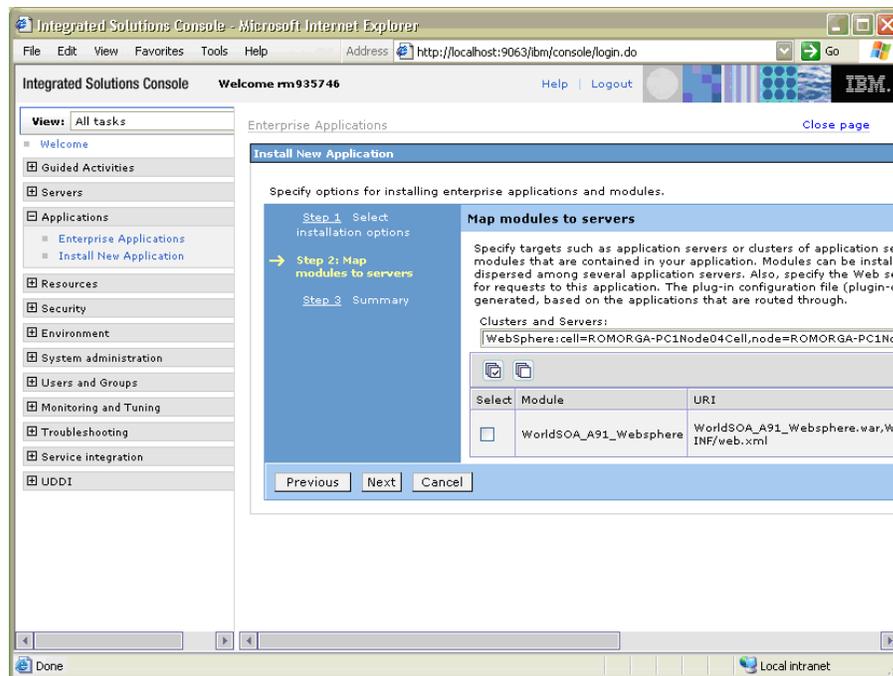
10. On Install New Application, click Finish.
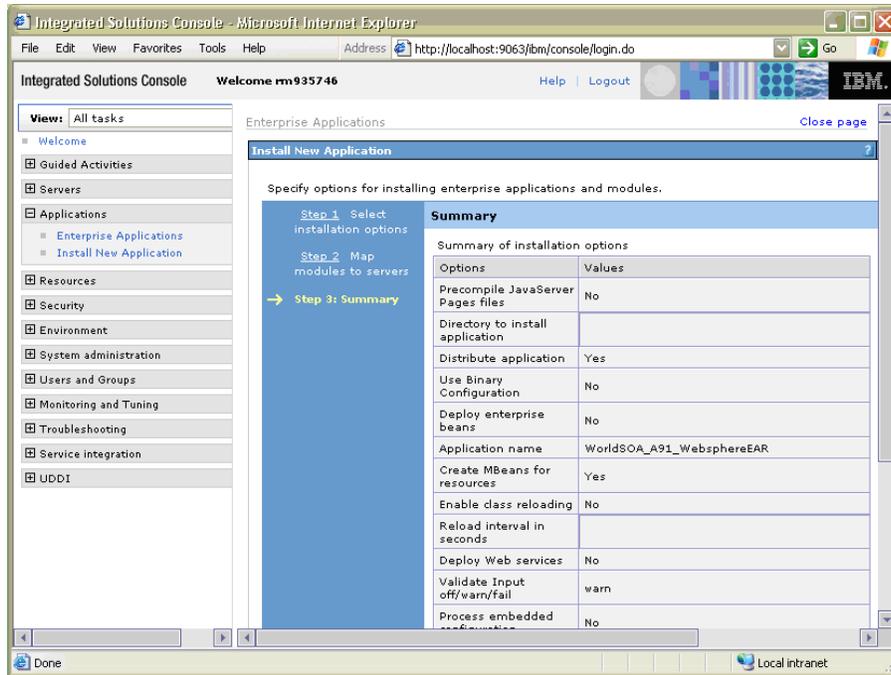
11. On Integrated Solutions Console Welcome, choose Save directly to the master configuration.
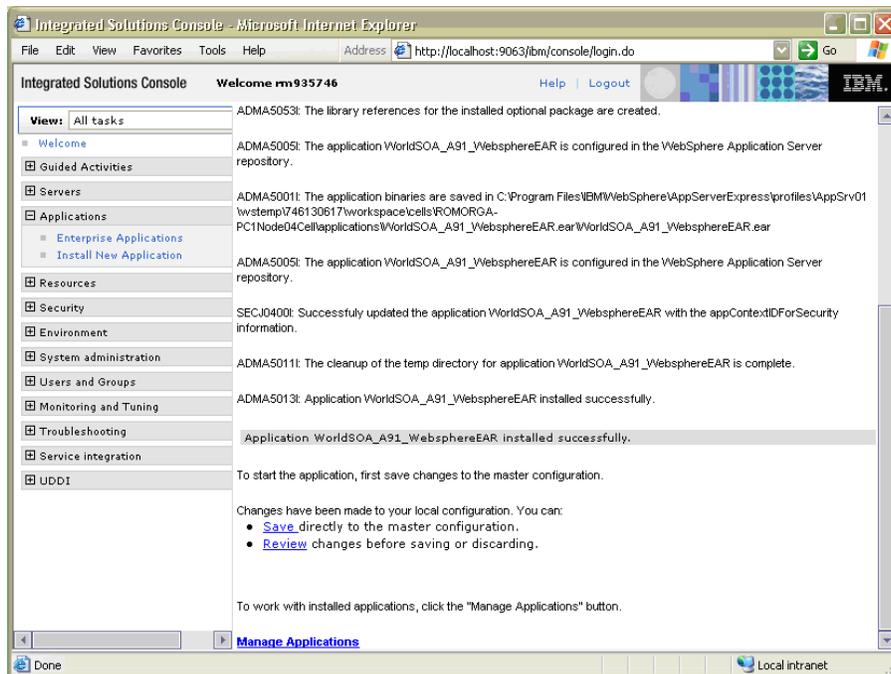
12. On Enterprise Applications, choose WorldSOA_A91_WebsphereEAR application and click Start.
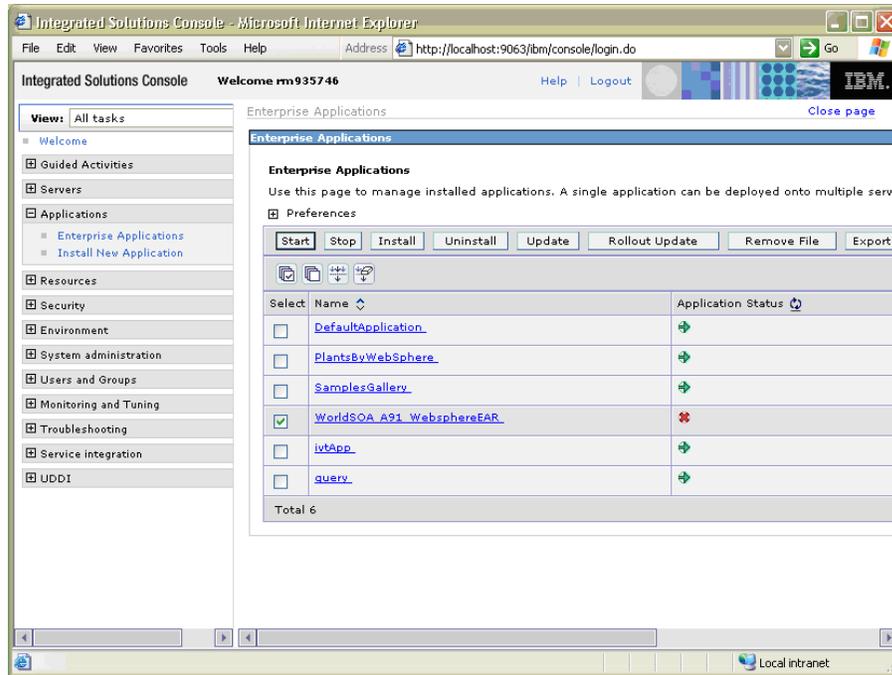
13. On Enterprise Applications, the system displays the message that the application has started successfully.
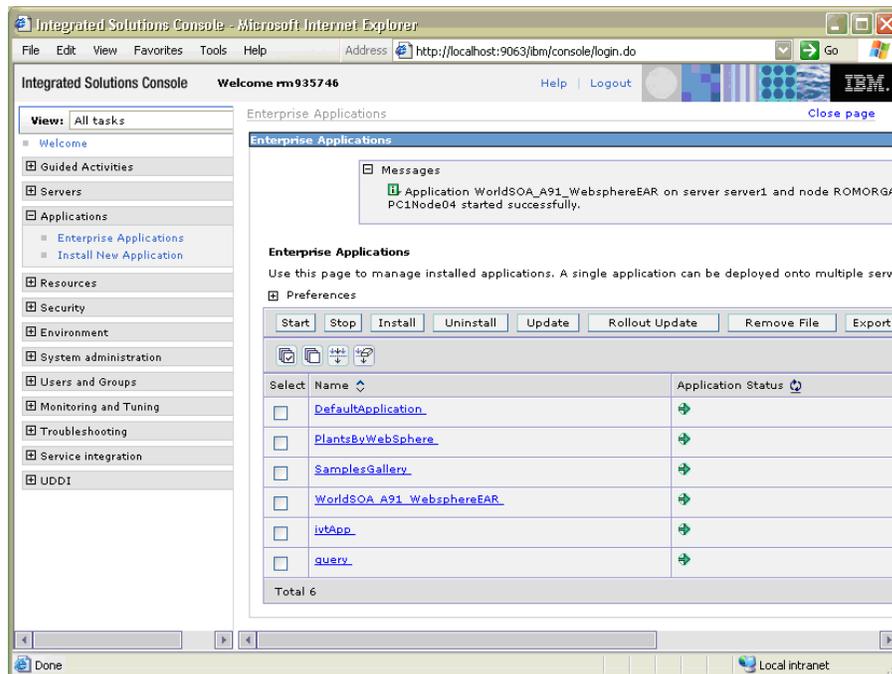
Testing Web services

Testing the Web services can take place in several ways. A testing scenario using the tools provided with the Oracle Application Server is detailed in the following section. After the following section you can review a detailed example of extracting the WSDL files for testing with the WebSphere Application. Another way to test the Web services is to use an external application. For example, you can use an open source testing application like SoapUI.

Testing on Oracle Application Server

1. Login in to the Oracle Application Server (OAS) Enterprise Manager from the Login screen.
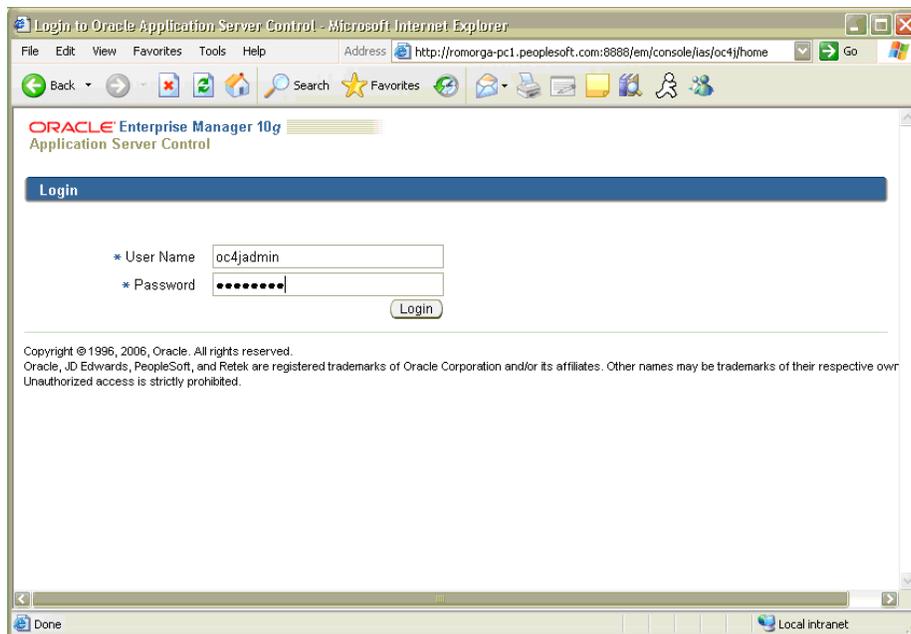
2. On the OC4J:home screen, select the Applications tab to see the installed applications.
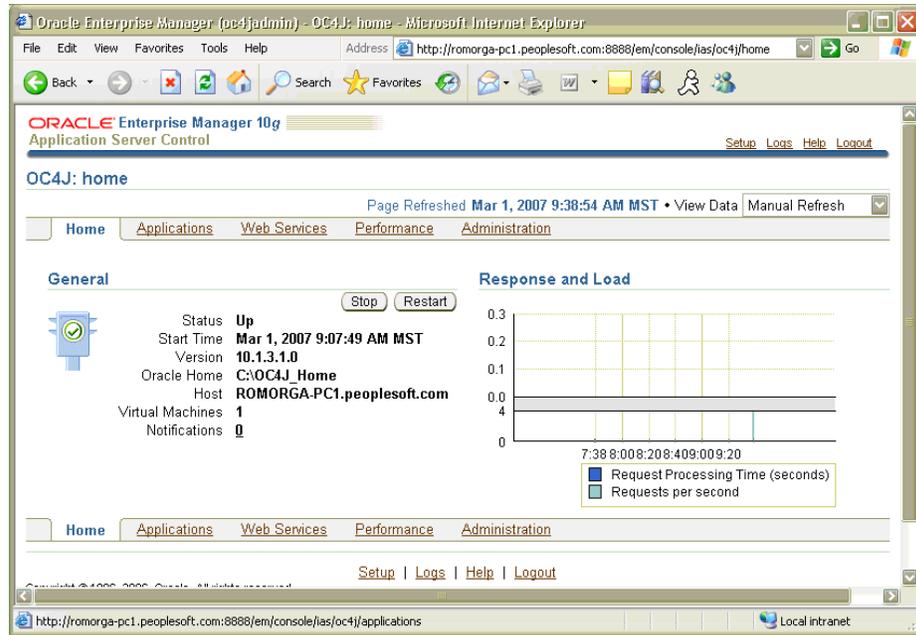
3. On the Applications tab screen, select the World Web services application that is to be tested.
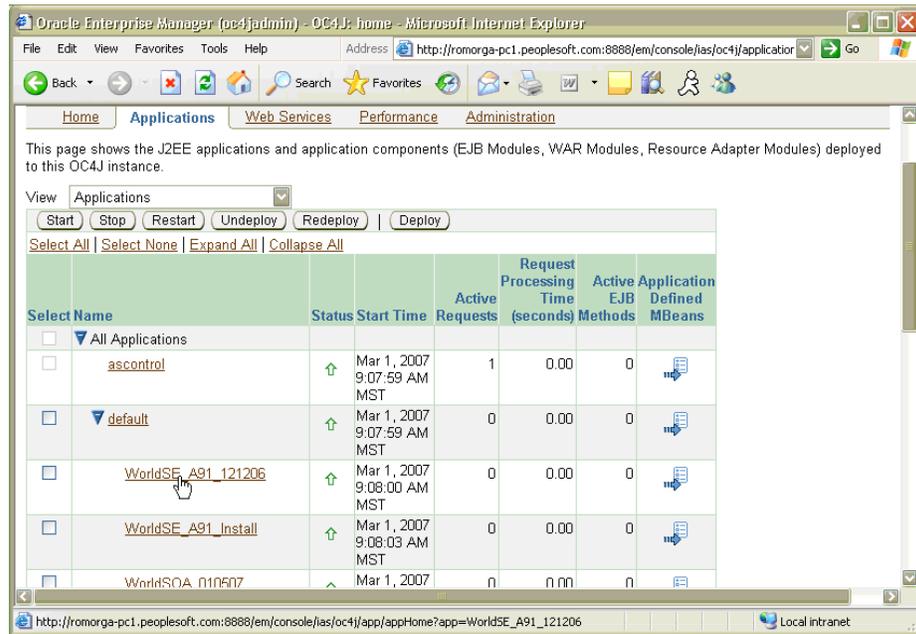
4. On the Application Home screen, select the Web services tab.
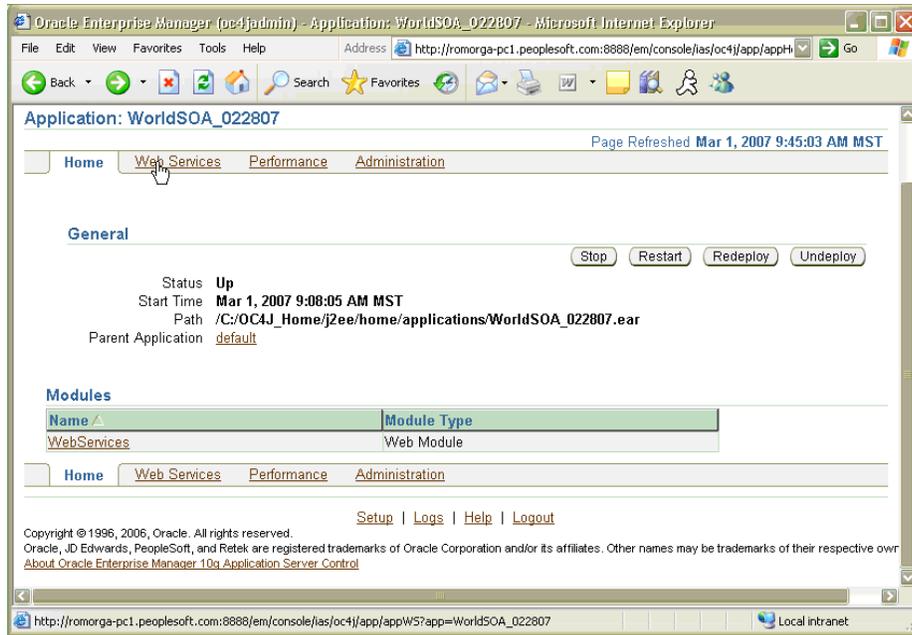
5. On the Application Web Service tab screen, select the radio button beside the web service you want to test from the list provided. Then select the Test Service button at the top of the list.
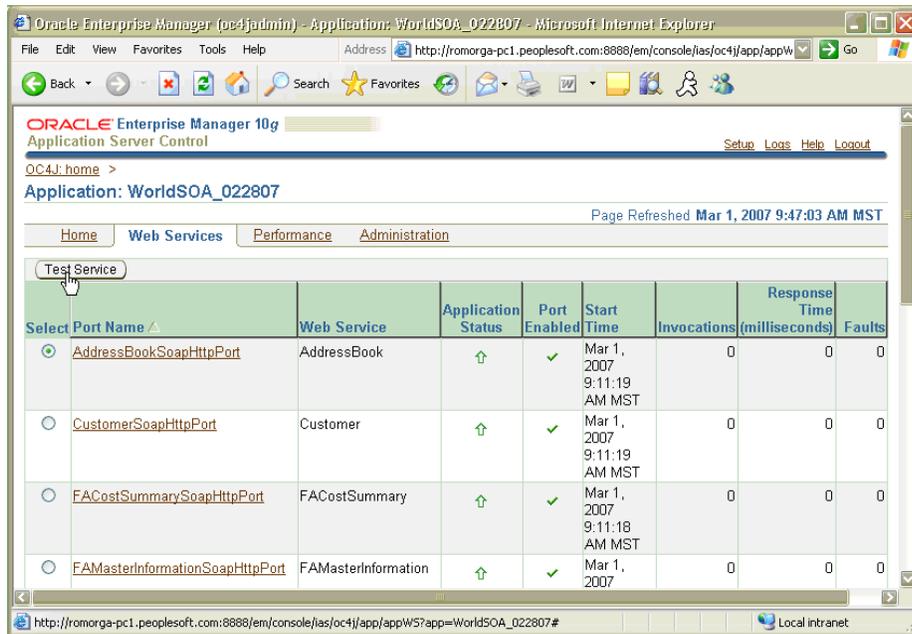
6. On the Discovered Websites screen, select the Test Web Service button. This opens a new browser window with the web service endpoint.
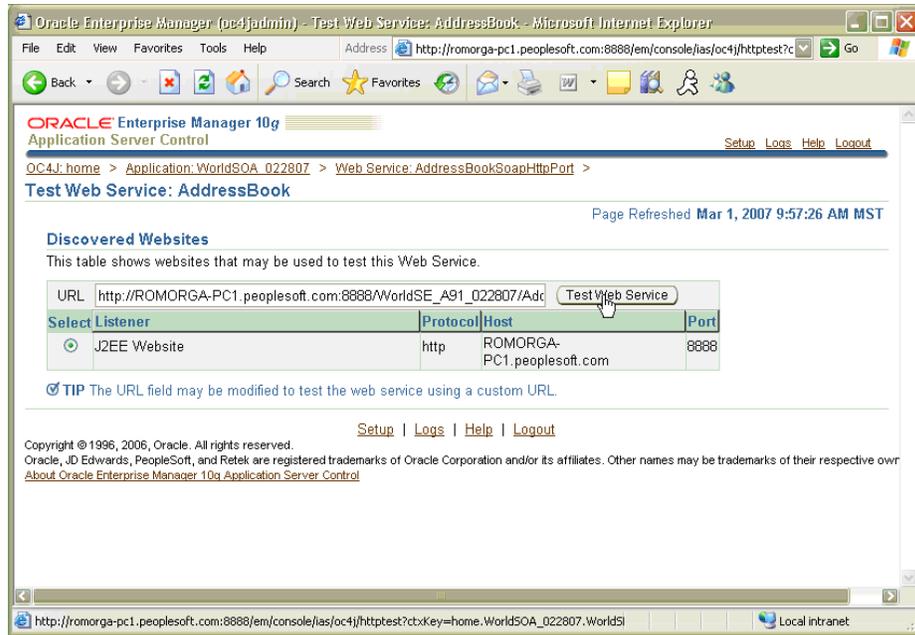
7. On the web service endpoint screen, select the operation you want to test from the Operation drop down list. You can also select either HTML Form input or XML input.
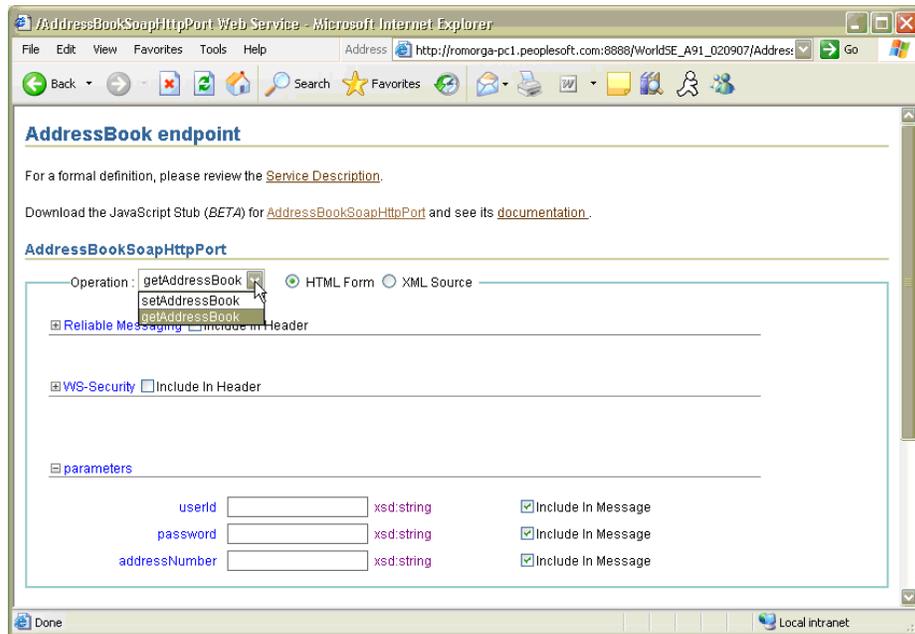
8. Enter the parameters for the operation and then click Invoke.
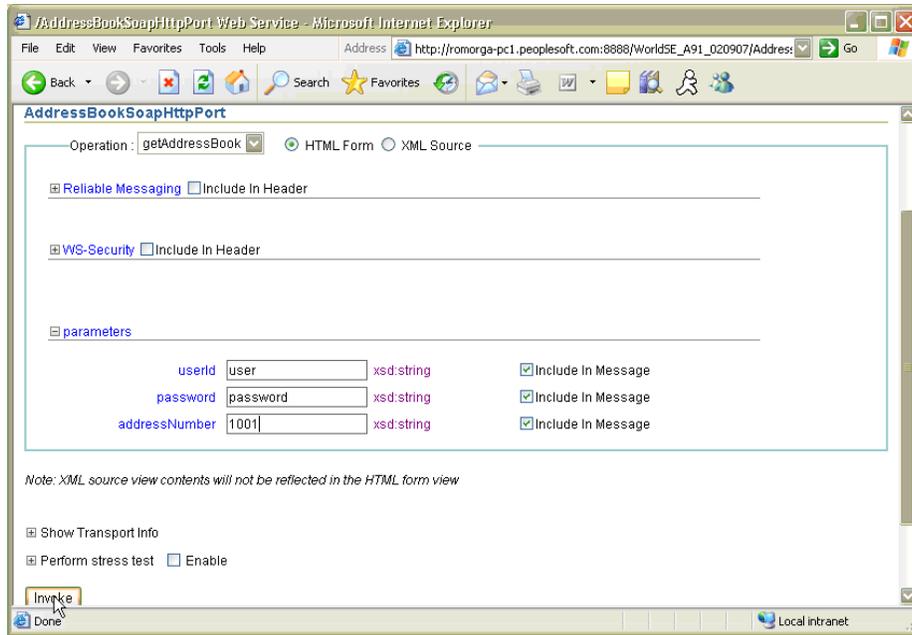
9. One the Test Result screen, the system displays the data returned from the web service in XML. You can select to have the XML formatted or in is raw form.
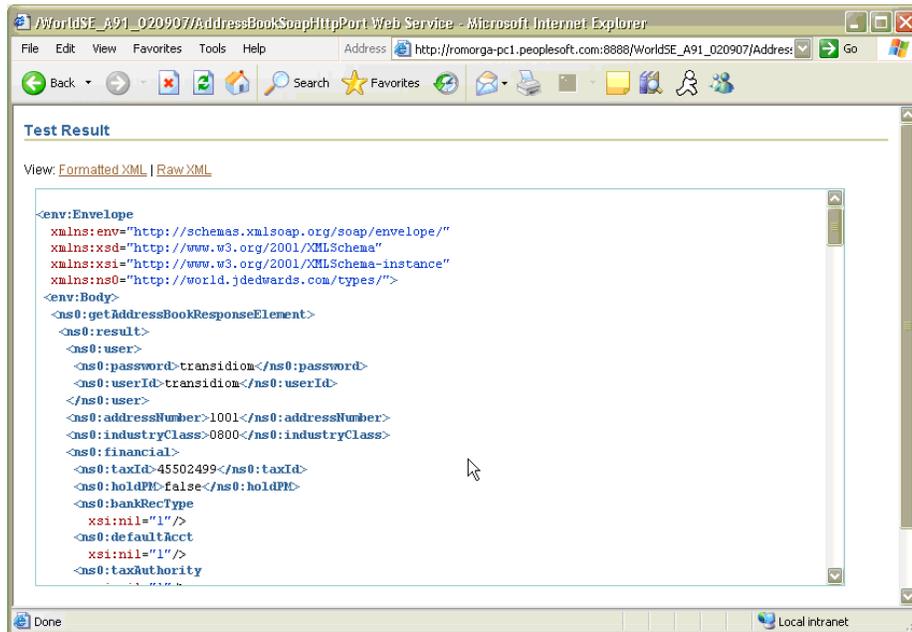
Extracting WSDL Files for Testing with WebSphere Application Server

1. Login in to the WebSphere Application Server (WAS).

   Administrative Console from the Login screen.
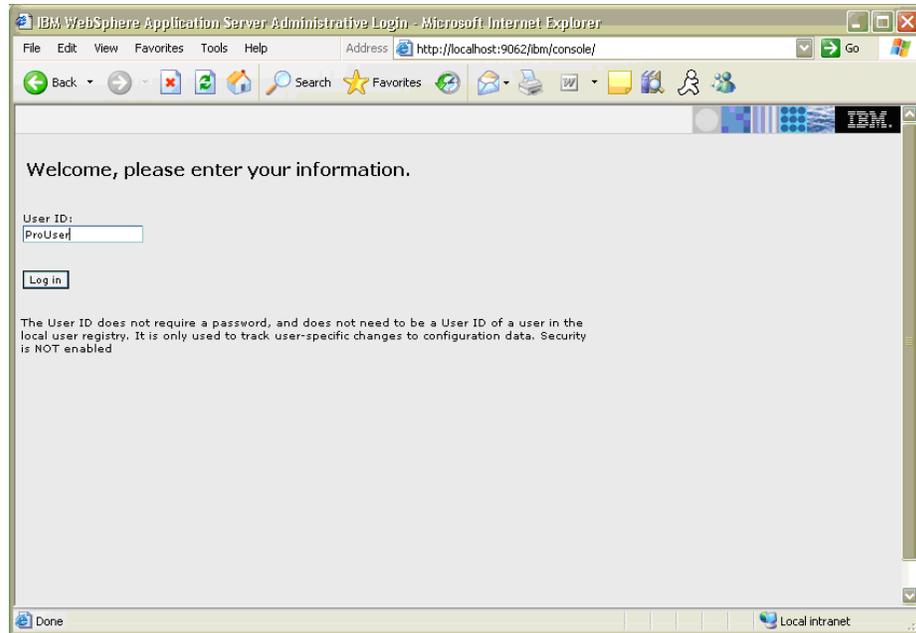
2. On the Welcome screen, expand Applications on the side bar. Select Enterprise Applications.
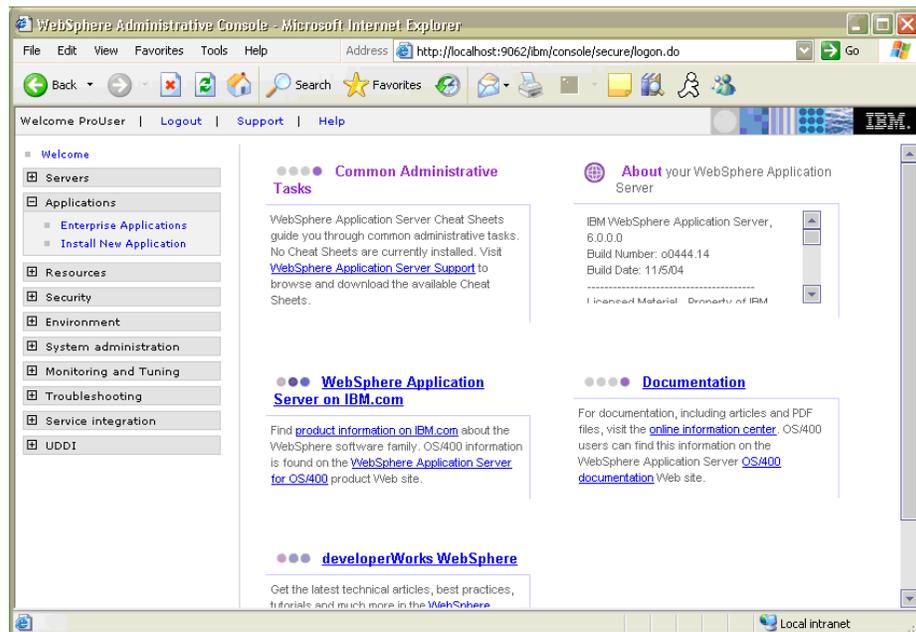
3. On the Enterprise Applications screen, select the application that you want to test.
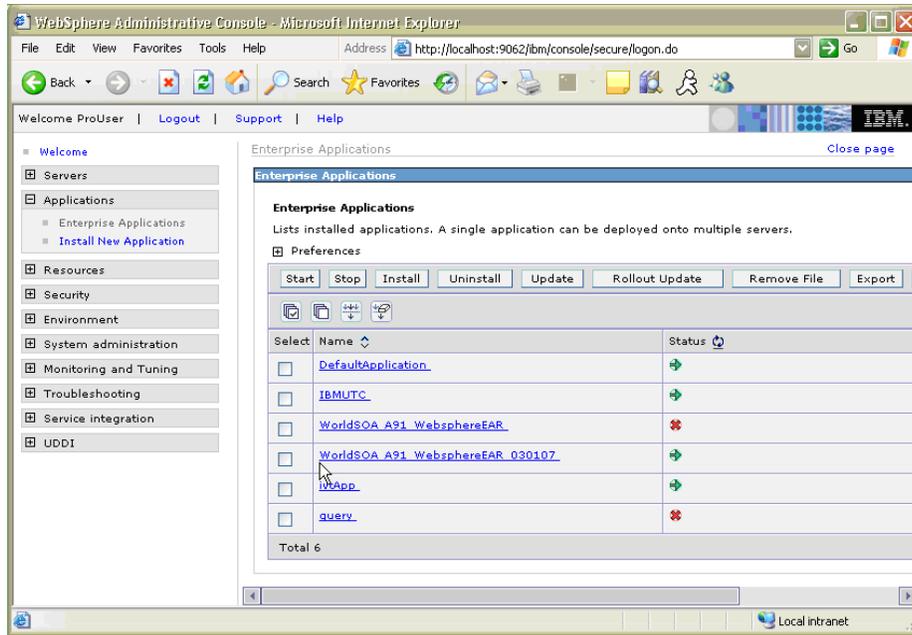
4. On the Enterprise Applications properties screen, select the Publish WSDL files option on the right side of the screen.
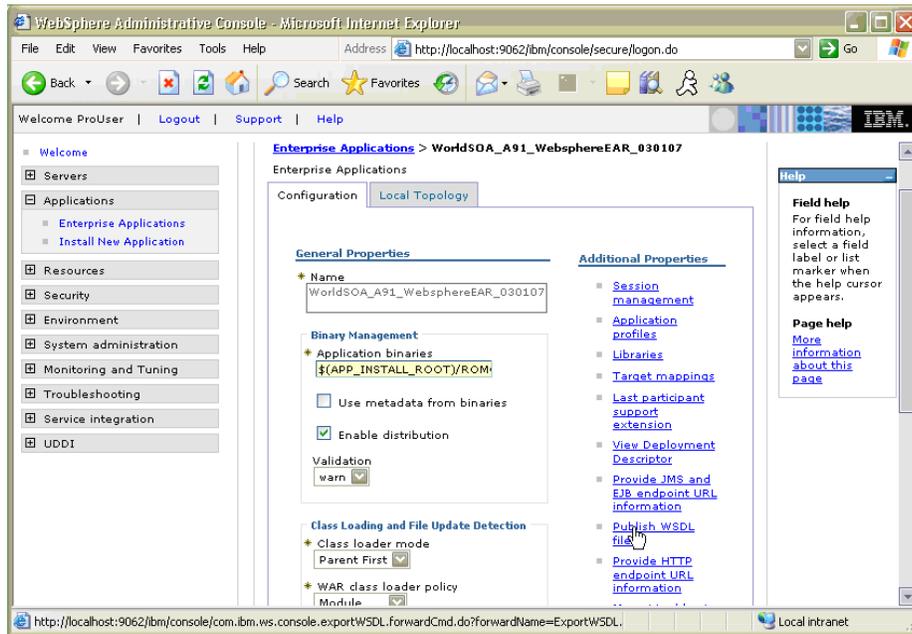
5. On the Publish WSDL file screen, right-click on the WSDL Files .zip link and select Save Target As. Save the file to a local directory.
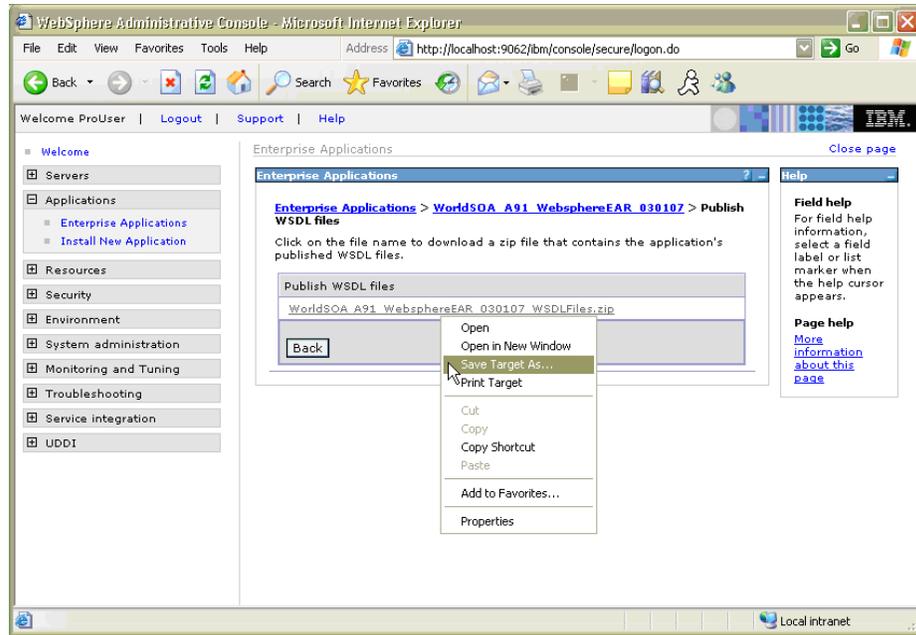
6. The WSDL Files .zip file can be extracted on you local machine. The files can then be used for testing with an external application.

Components of a World Web Service

Java Layer

The Java API layer used for JD Edwards World Service Enablement has several different parts. The parts include the data objects that represent the data in JD Edwards World, implementation classes, connection classes and other supporting classes. The source code for the Java API layer is included with the install. Both an Oracle JDeveloper project and an IBM WebSphere workspace have been provided.

When creating a Web Service, all of the above components need to be in place. Direct calls to World RPG programs and databases queries are used to collect the data. In theses cases, the IBM JT400 API and the World JDBj API is used to process the calls to the program and the database queries.

The implementation classes use the data objects as inputs and outputs. The implementation classes are used to create the Web services. The Web services are created using the internal Integrated Development Environment (IDE) tools. By doing this, the WSDL and all the other necessary parts of the web service are created. Refer to your selected IDE documentation for further instructions on creating Web services.

Retrofitting Web services

In some cases, retrofitting the Web services to a prior JD Edwards World release might be required. Though this is considered a customization of the software, the following are some suggestions on how to approach the task.

- Create a copy of the Java project delivered so that when updates are issued changes are not overridden.

- When creating classes to handle prior release processing, identify them differently from the base classes delivered.

Accounts Payable Services

Supplier Service

Category	Accounts Payable
Service Description	The Supplier service allows the creation, update and deletion of Supplier records.
Package	accountspayable
WSDL	SupplierV2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.accountspayable.SupplierImpl_V2
Implemented Via	RPG Program P01054Z/P4306Z
Public Operations	getSupplier
	setSupplier
	deleteSupplier

Operations Details

GetSupplier

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
User		Y	
userId		Y	
password		Y	

SetSupplier

Input Fields

Field Name	Description	Req	Notes
parentNumber			
actionCode	Action Code	Y	
creditMessage			
longAddressNumber			
	SupplierObj_V2		request extends SupplierObj_V2
addressNumber		Y	
payee	Factor/Special Payee		
paymentHandling			
multipleChecks			
floatDays	Check Float Days		
reference			
paymentMethod			
remittance	Print BACS Remittance		
withholding	Withholding Percent		
loggingApprover			
paymentTerms			
ledgerSequence			
recordType	Bank Record Type		
preferredSupplier	Preferred Supplier Status		
taxAuthority			
currencyCode			
amtCurrencyCode			
glClass			
modelDocument			
modelDocumentType			

Field Name	Description	Req	Notes
modelCompany			
accountNumber			
taxExplCode			
taxArea			
paymentInstrument			
purchaseInstr	PurchaseInstructions_V2	N	
carrier	Preferred Carrier		
priceRule	Supplier Price Rule		
minOrderVal			
maxOrderVal			
printMessage			
handlingCode	Freight Handling Code		
costRule	Landed Cost Rule		
orderTemplate			
rebate	Rebate Active		
rebateLevel			
deliveryInstructions1			
deliveryInstructions2			
pricePO	Price Pick list		
restrictions	Item Restrictions		
sendMethod			
evalReceipt			
copies			
holdCode	Hold Orders Code		
weightUOM			
volumeUOM			
accounts	BankAccountObj[]	N	One or more occurences
addressNumber			

Field Name	Description	Req	Notes
routingNumber			
accountNumber			
checkDigit			
description			
bankType			
currencyCode			
accountType			
effectiveDate			
expirationDate			
expirationCode			
systemReference	BACS System-Reference/Roll Number		
SWIFT			
preNoteCode			
IBAN			
businessUnit			
beneficiaryType			

Note: The supplier service calls the P01054Z z-file process first to update the supplier information.

If any bank account information is populated in the request, the service calls the BankAccount service to process this information.

If any Purchase Instruction information is populate in the request, the service calls the P4306Z z-file process to update the Purchasing Instructions information.

DeleteSupplier

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
User		Y	
userId		Y	
password		Y	

Output Fields

Same response for all Supplier services, Delete service only populates error fields and addressNumber processed.

Field Name	Description	Notes
ApplicationError	Application Error	"true" or "false"
errorMessage	Error Message	
	SupplierObj_V2	response extends SupplierObj_V2
addressNumber		
payee		
paymentHandling		
multipleChecks		
floatDays		
reference		
paymentMethod		
remittance		
withholding	Withholding Percent	
loggingApprover		
paymentTerms		
ledgerSequence		
recordType	Bank record Type	

Field Name	Description	Notes
preferredSupplier		
taxAuthority		
currencyCode		
amtCurrencyCode		
glClass		
modelDocument		
modelDocumentType		
modelCompany		
accountNumber		
taxExplCode		
taxArea		
paymentInstrument		
purchaseInstr	PurchaseInstructions_V2	
carrier	Preferred Carrier	
priceRule	Supplier Price Rule	
minOrderVal		
maxOrderVal		
printMessage		
handlingCode	Freight Handling Code	
costRule	Landed Cost Rule	
orderTemplate		
rebate	Rebate Active	
rebateLeve		
deliveryInstructions1		
deliveryInstructions2		
pricePO	Price Pick list	
restrictions	Item Restrictions	
sendMethod		
evalReceipt		

Field Name	Description	Notes
copies		
holdCode	Hold Orders Code	
weightUOM		
volumeUOM		
accounts	BankAccountObj[]	
addressNumber		
routingNumber		
accountNumber		
checkDigit		
description		
bankType		
currencyCode		
accountType		
effectiveDate		
expirationDate		
expirationCode		
systemReference	BACS System-Reference/Roll Number	
SWIFT		
preNoteCode		
IBAN		
businessUnit		
beneficiaryType		
addressBook	AddressBookResponse_V2	
longNumber		
addressNumber		
searchType		
businessUnit		
creditMessage		

Field Name	Description	Notes
parent		
payables		
receivables		
employee		
userCode		
industryClass		
factorPayee		
financial	Financial_V2	
taxArea		
taxExplanation		
taxId		
taxAuthority		
addlTaxId		
taxCode		
certificate		
subledgerInact		
netting	AP/AR Netting	
creditLimit		
holdInvoice		
holdSO	Hold Sales Order	
holdCB	Hold Contract Bill	
holdSW	Hold Wervice Warrant	
holdPM	Hold Property Mgmt	
holdSB	Hold Service Billing	
holdPmt	Hold Payment	
holdPO	Hold purchase Order	
holdRPO	Hold Receipts/PO	
consolidationCode		
inactiveCode		

Field Name	Description	Notes
homelandSecurity		
personCorpCode		
contacts	Contact_V2[]	One or more occurences
whosWhoLineNumber	Who's Who Line Number	
mailingName	MailingName	
type		
preferredCommunication		
status		
sequence		
addressType		
secondaryMailingName		
additionalInfo	Contact_Addl_V2	
alphaName		
title		
remark		
salutation		
givenName		
middleName		
surname		
categoryCodes		String[] – 10 occurences
addresses	Address[]	Array..0 or more occurrences
addressLine1	Address Line 1	
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	
city	City	
county	County	
state	State	
postalCode	Zip Code	

Field Name	Description	Notes
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
phones	Phone_V2[]	Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	
categoryCodes		String[] – 30 occurences

Special Considerations

N/A.

Accounts Receivable Services

Customer Service

Category	Accounts Receivable
Service Description	The Customer service allows the creation, update and deletion of Customer records.
Package	accountsreceivable
WSDL	CustomerV2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.accountsreceivable.CustomerImpl_V2
Implemented Via	RPG Program P01053Z ∕ P4206Z∕ P42061Z
Public Operations	getCustomer
	setCustomer
	deleteCustomer

Operations Details

GetCustomer

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
User		Y	
userId		Y	
password		Y	

SetCustomer

Input Fields

Field Name	Description	Req	Notes
parentNumber			
actionCode	Action Code	Y	
creditMessage			
longAddressNumber			
	CustomerObj_V2		request extends CustomerObj_V2
addressNumber			
tempCreditManager			
creditStatus			
payor	Alterate Payor		
invoiceMethod			
creditManager			
printStatement			
autoRecept			
collectionManager			
sendStatementTo			
autoCash	Autocash Algorithm		
lastCreditReview			
statementCycle			
sendInvoiceTo			
balFwdOpen			
customerStatus			
dqNotice	Delinquency Notice		
reminders	Number of Reminders		
financeCharge	Monthlt Finance Charge %		
applyCharge	Apply Finance Charge		

Field Name	Description	Req	Notes
collectionReport			
reference			
salesActivity			
marginActivity			
paymentActivity			
sequence	Ledger Inquiry Sequence		
defaultAccount			
glClass			
bankRecordType			
currencyCode			
amtCurrencyCode			
modelType			
modelDocument			
modelCompany			
unapplCashOffset			
taxExplCode			
percentageFactor			
paymentInstr			
paymentTerms			
taxRateArea			
factorPayee			
billingInstr	CustomerBilling_V2		
addressType			
requirePO			
relatedAddressCode			
crCheckLevel			
adjustmentSchedule			
exemptCRHold			
priceGroup			

Field Name	Description	Req	Notes
deliveryNote			
tradeDiscount			
invoiceConsolidation			
minOrderValue			
maxOrderValue			
restrictions			
backorders			
printMessage			
substitues			
orderTemplate			
partialLine			
partialOrder			
printCOA			
deliveryInstructions1			
deliveryInstructions2			
warrantyGroup			
pricePick			
taxDate			
adjInvoice			
copies			
heldOrdersCode			
priorityCode			
applyFreight			
freightCode			
route			
stop			
zone			
carrier			
weightUOM			

Field Name	Description	Req	Notes
volumeUOM			
commission1			
commission2			
commissionRate1			
commissionRate2			
accounts	BankAccountObj[]		0 or more occurences
addressNumber			
routingNumber			
accountNumber			
checkDigit			
description			
bankType			
currencyCode			
accountType			
effectiveDate			
expirationDate			
expirationCode			
systemReference			
SWIFT			
preNoteCode			
IBAN			
businessUnit			
beneficiaryType			

Note: The Customer service calls the P01053Z z-file processes first to update the customer information.

If any bank account information is populated in the request, the service calls the BankAccount service to process this information.

If any Billing Instruction information is populate in the request, the service calls the P4206Z and P42061Z z-file processes to update the Billing Instruction information.

DeleteCustomer

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
User		Y	
userId		Y	
password		Y	

Output Fields

Same response for all Customer services, Delete service only populates error fields and addressNumber processed.

Field Name	Description	Notes
ApplicationError	Application Error	"true" or "false"
errorMessage	Error Message	
	CustomerObj_V2	response extends CustomerObj_V2
addressNumber		
tempCreditManager		
creditStatus		
payor		
invoiceMethod		
creditManager		
printStatement		
autoRecept		
collectionManager		
sendStatementTo		
autoCash		
lastCreditReview		
statementCycle		

Field Name	Description	Notes
sendInvoiceTo		
balFwdOpen		
customerStatus		
dqNotice		
reminders		
financeCharge		
applyCharge		
collectionReport		
reference		
salesActivity		
marginActivity		
paymentActivity		
sequence		
defaultAccount		
glClass		
bankRecordType		
currencyCode		
amtCurrencyCode		
modelType		
modelDocument		
modelCompany		
unapplCashOffset		
taxExplCode		
percentageFactor		
paymentInstr		
paymentTerms		
taxRateArea		
factorPayee		
billingInstr	CustomerBilling_V2	

Field Name	Description	Notes
addressType		
requirePO		
relatedAddressCode		
crCheckLevel		
adjustmentSchedule		
exemptCRHold		
priceGroup		
deliveryNote		
tradeDiscount		
invoiceConsolidation		
minOrderValue		
maxOrderValue		
restrictions		
backorders		
printMessage		
substitues		
orderTemplate		
partialLine		
partialOrder		
printCOA		
deliveryInstructions1		
deliveryInstructions2		
warrantyGroup		
pricePick		
taxDate		
adjInvoice		
copies		
heldOrdersCode		
priorityCode		

Field Name	Description	Notes
applyFreight		
freightCode		
route		
stop		
zone		
carrier		
weightUOM		
volumeUOM		
commission1		
commission2		
commissionRate1		
commissionRate2		
accounts	BankAccountObj[]	
addressNumber		
routingNumber		
accountNumber		
checkDigit		
description		
bankType		
currencyCode		
accountType		
effectiveDate		
expirationDate		
expirationCode		
systemReference		
SWIFT		
preNoteCode		
IBAN		
businessUnit		

Field Name	Description	Notes
beneficiaryType		
addressBook	AddressBookResponse_V2	
longNumber		
addressNumber		
searchType		
businessUnit		
creditMessage		
parent		
payables		
receivables		
employee		
userCode		
industryClass		
factorPayee		
financial	Financial_V2	
taxArea		
taxExplanation		
taxId		
taxAuthority		
addlTaxId		
taxCode		
certificate		
subledgerInact		
netting	AP/AR Netting	
creditLimit		
holdInvoice		
holdSO	Hold Sales Order	
holdCB	Hold Contract Bill	
holdSW	Hold Wervice Warrant	

Field Name	Description	Notes
holdPM	Hold Property Mgmt	
holdSB	Hold Service Billing	
holdPmt	Hold Payment	
holdPO	Hold purchase Order	
holdRPO	Hold Receipts/PO	
consolidationCode		
inactiveCode		
homelandSecurity		
personCorpCode		
contacts	Contact_V2[]	One or more occurences
whosWhoLineNumber	Who's Who Line Number	
mailingName	MailingName	
type		
preferredCommunication		
status		
sequence		
addressType		
secondaryMailingName		
additionalInfo	Contact_Addl_V2	
alphaName		
title		
remark		
salutation		
givenName		
middleName		
surname		
categoryCodes		String[] – 10 occurences
addresses	Address[]	Array..0 or more occurrences
addressLine1	Address Line 1	

Field Name	Description	Notes
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	
city	City	
county	County	
state	State	
postalCode	Zip Code	
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
phones	Phone_V2[]	Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	
categoryCodes		String[] – 30 occurences

Special Considerations

N/A.

Address Book Services

Address Book Service

Category	Address Book
Service Description	The Address Book service allows the creation, update and deletion of Address Book records.
Package	addressbook
WSDL	AddressBook_V2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.addressbook.addressBookImpl_V2
Implemented Via	RPG Program P01051Z ⁄ P010512Z ⁄ P010513Z
Public Operations	getAddressBook
	setAddressBook
	deleteAddressBook

Operations Details

GetAddressBook

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
User		Y	
userId		Y	
password		Y	

SetAddressBook

Input Fields

Field Name	Description	Req	Notes
actionCode	Action Code	Y	
addressNumber		Y	
longNumber			
searchType		Y	
businessUnit			
creditMessage			
parent			
payables			
receivables			
employee			
userCode			
industryClass			
language			
financial	Financial_V2	N	
taxArea			
taxExplanation			
taxId			
taxAuthority			
addlTaxId			
taxCode			
certificate			
subledgerInact			
netting	AP/AR Netting		
creditLimit			
holdInvoice			
holdSO	Hold Sales Order		

Field Name	Description	Req	Notes
holdCB	Hold Contract Bill		
holdSW	Hold Wervice Warrant		
holdPM	Hold Property Mgmt		
holdSB	Hold Service Billing		
holdPmt	Hold Payment		
holdPO	Hold purchase Order		
holdRPO	Hold Receipts/PO		
consolidationCode			
inactiveCode			
homelandSecurity			
personCorpCode			
contacts	Contact_V2[]		One or more occurences
whosWhoLineNumber	Who's Who Line Number		
mailingName	MailingName	Y	
type			
preferredCommunication			
status			
sequence			
addressType			addressType
secondaryMailingName			secondaryMailingName
additionalInfo	Contact_Addl_V2		
alphaName		Y	
title			
remark			
salutation			
givenName			
middleName			
surname			

Field Name	Description	Req	Notes
categoryCodes			String[] – 10 occurences
addresses	Address[]		Array..0 or more occurrences
addressLine1	Address Line 1		
addressLine2	Address Line 2		
addressLine3	Address Line 3		
addressLine4	Address Line 4		
city	City		
county	County		
state	State		
postalCode	Zip Code		
country	Country		
addressType	Address Type		
effectiveDate	Effective Date		
badAddress	Bad Address Flag		
phones	Phone_V2[]		
phones	Phones[]		Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record		
type	Phone Type		
prefix	Phone Prefix		
phoneNumber	Phone Number		
countryPrefix	Country Prefix		
extension	Phone Extension		
categoryCodes		N	String[] – 30 occurences

Note: The Address Book service calls the P01051Z / P010512Z z-file processes first to update the address book information.

If the *financial* element exists in the request, the P010513Z z-file process is called to process the financial(control) information.

If the *categoryCodes* element exists in the request, the P010513Z z-file process is called to process the category code information. If updating category codes, all codes must be specified(10 codes for contact, 30 for Address Book).

DeleteAddressBook

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
User		Y	
userId		Y	
password		Y	

Output Fields

Same response for all AddressBook services, Delete service only populates error fields and addressNumber processed.

Field Name	Description	Notes
ApplicationError	Application Error	"true" or "false"
errorMessage		
financial	Financial_V2	
taxArea		
taxExplanation		
taxId		
taxAuthority		
addlTaxId		
taxCode		
certificate		
subledgerInact		
netting	AP/AR Netting	
creditLimit		

Field Name	Description	Notes
holdInvoice		
holdSO	Hold Sales Order	
holdCB	Hold Contract Bill	
holdSW	Hold Wervice Warrant	
holdPM	Hold Property Mgmt	
holdSB	Hold Service Billing	
holdPmt	Hold Payment	
holdPO	Hold purchase Order	
holdRPO	Hold Receipts/PO	
consolidationCode		
inactiveCode		
homelandSecurity		
personCorpCode		
contacts	Contact_V2[]	One or more occurences
whosWhoLineNumber	Who's Who Line Number	
mailingName	MailingName	
type		
preferredCommunication		
status		
sequence		
addressType		addressType
secondaryMailingName		secondaryMailingName
additionalInfo	Contact_Addl_V2	
alphaName		
title		
remark		
salutation		
givenName		
middleName		

Field Name	Description	Notes
surname		
categoryCodes		String[] – 10 occurences
addresses	Address[]	Array..0 or more occurrences
addressLine1	Address Line 1	
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	
city	City	
county	County	
state	State	
postalCode	Zip Code	
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
phones	Phone_V2[]	
phones	Phones[]	Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	
categoryCodes		String[] – 30 occurences

Special Considerations

N/A.

Bank Account Service

Category	Address Book
Service Description	The Bank Account service allows the creation, update and deletion of Supplier/Customer Bank Account records.
Package	addressbook
WSDL	BankAccount_V2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.addressbook.BankAccountImpl_V2
Implemented Via	RPG Program P0030Z/P0030W1Z
Public Operations	getBankAccounts
	setBankAcounts
	deleteBankAccounts

Operations Details

GetBankAccounts

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
actionCode	Action Code	N	
BankAccountObject[] accounts	Accounts	N	Not used for Get service
addressNumber	Address Number		
routingNumber	Routing Number		
accountNumber	Account Number		
checkDigit	Check Digit		
description	Description		
bankType	Bank Type		
currencyCode	Currency Code		
accountType	Account Type		

Field Name	Description	Req	Notes
effectiveDate	Effective Date		
expirationDate	Expiration Date		
systemReference	System Reference		
SWIFT	SWIFT Code		
prenoteCode	Prenote Code		
IBAN	IBAN		
businessUnit	Business Unit		
beneficiaryType	Beneficiary Type		
correspondingType	Corresponding Type		
User		Y	
userId		Y	
password		Y	

Input Fields

Field Name	Description	Notes
addressNumber	Address Book Number to retrieve	
ApplicationError	Application Error	"true" or "false"
message	Error Message	
BankAccountObject[] accounts	Accounts	One or more occurences
addressNumber	Address Number	
routingNumber	Routing Number	
accountNumber	Account Number	
checkDigit	Check Digit	
description	Description	
bankType	Bank Type	
currencyCode	Currency Code	
accountType	Account Type	

Field Name	Description	Notes
effectiveDate	Effective Date	
expirationDate	Expiration Date	
systemReference	System Reference	
SWIFT	SWIFT Code	
prenoteCode	Prenote Code	
IBAN	IBAN	
businessUnit	Business Unit	
beneficiaryType	Beneficiary Type	
correspondingType	Corresponding Type	

SetBankAccounts

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
actionCode	Action Code	Y	
BankAccountObject[] accounts	Accounts		One or more occurences
addressNumber	Address Number	Y	
routingNumber	Routing Number	Y	
accountNumber	Account Number	Y	
checkDigit	Check Digit		
description	Description		
bankType	Bank Type	Y	
currencyCode	Currency Code	Y	
accountType	Account Type		
effectiveDate	Effective Date	Y	
expirationDate	Expiration Date		

Field Name	Description	Req	Notes
systemReference	System Reference		
SWIFT	SWIFT Code		
prenoteCode	Prenote Code		
IBAN	IBAN		
businessUnit	Business Unit		
beneficiaryType	Beneficiary Type		
correspondingType	Corresponding Type		
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number to retrieve	
ApplicationError	Application Error	"true" or "false"
message	Error Message	
BankAccountObject[] accounts	Accounts	One or more occurences
addressNumber	Address Number	
routingNumber	Routing Number	
accountNumber	Account Number	
checkDigit	Check Digit	
description	Description	
bankType	Bank Type	
currencyCode	Currency Code	
accountType	Account Type	
effectiveDate	Effective Date	
expirationDate	Expiration Date	

Field Name	Description	Notes
systemReference	System Reference	
SWIFT	SWIFT Code	
prenoteCode	Prenote Code	
IBAN	IBAN	
businessUnit	Business Unit	
beneficiaryType	Beneficiary Type	
correspondingType	Corresponding Type	

Special Considerations

When updating key fields(Address Number, Routing Number, Account Number,

Bank Type, Currency Code, Effective Date), you must use the delete service to delete the existing record, and then use the Set service to add a record with the new key values.

DeleteBankAccount

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
actionCode	Action Code	N	
BankAccountObject[] accounts	Accounts		One or more occurences
addressNumber	Address Number	Y	
routingNumber	Routing Number	Y	
accountNumber	Account Number	Y	
checkDigit	Check Digit		
description	Description		
bankType	Bank Type	Y	
currencyCode	Currency Code	Y	
accountType	Account Type		

Field Name	Description	Req	Notes
effectiveDate	Effective Date	Y	
expirationDate	Expiration Date		
systemReference	System Reference		
SWIFT	SWIFT Code		
prenoteCode	Prenote Code		
IBAN	IBAN		
businessUnit	Business Unit		
beneficiaryType	Beneficiary Type		
correspondingType	Corresponding Type		
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number to retrieve	
ApplicationError	Application Error	"true" or "false"
message	Error Message	
BankAccountObject[] accounts	Accounts	Not used for Delete service
addressNumber	Address Number	
routingNumber	Routing Number	
accountNumber	Account Number	
checkDigit	Check Digit	
description	Description	
bankType	Bank Type	
currencyCode	Currency Code	
accountType	Account Type	

Field Name	Description	Notes
effectiveDate	Effective Date	
expirationDate	Expiration Date	
systemReference	System Reference	
SWIFT	SWIFT Code	
prenoteCode	Prenote Code	
IBAN	IBAN	
businessUnit	Business Unit	
beneficiaryType	Beneficiary Type	
correspondingType	Corresponding Type	

Special Considerations

N/A.

Contact Service

Category	Address Book
Service Description	The Contact service allows the creation, update and deletion of Contact (Who's Who) records.
Package	addressbook
WSDL	ContactV2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.addressbook.ContactImpl_V2
Implemented Via	RPG Program P0111Z1/P0111WZ
Public Operations	getContact
	setContact
	deleteContact

Operations Details

GetContact

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
whosWhoLine	Who's Who Line	Y	
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number to retrieve	
ApplicationError	Application Error	"true" or "false"
message	Error Message	
contacts	Contact_V2[]	One or more occurences
whosWhoLineNumber	Who's Who Line Number	
mailingName	MailingName	
type		
preferredCommunication		
status		
sequence		
addressType		addressType
secondaryMailingName		secondaryMailingName
additionalInfo	Contact_Addl_V2	
alphaName		

Field Name	Description	Notes
title		
remark		
salutation		
givenName		
middleName		
surname		
categoryCodes		String[] – 10 occurences
addresses	Address[]	Array..0 or more occurrences
addressLine1	Address Line 1	
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	
city	City	
county	County	
state	State	
postalCode	Zip Code	
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
phones	Phone_V2[]	
phones	Phones[]	Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	

SetContact

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
actionCode	Action Code	Y	
contacts	Contact_V2[]		One or more occurences
whosWhoLineNumber	Who's Who Line Number	Y	
mailingName	MailingName	Y	
type			
preferredCommunication			
status			
sequence			
addressType			addressType
secondaryMailingName			secondaryMailingName
additionalInfo	Contact_Addl_V2		
alphaName		Y	
title			
remark			
salutation			
givenName			
middleName			
surname			
categoryCodes			String[] – 10 occurences
addresses	Address[]		Array..0 or more occurrences
addressLine1	Address Line 1	Y	
addressLine2	Address Line 2		

Field Name	Description	Req	Notes
addressLine3	Address Line 3		
addressLine4	Address Line 4		
city	City		
county	County		
state	State		
postalCode	Zip Code		
country	Country		
addressType	Address Type		
effectiveDate	Effective Date		
badAddress	Bad Address Flag		
phones	Phone_V2[]		Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record		
type	Phone Type		
prefix	Phone Prefix		
phoneNumber	Phone Number		
countryPrefix	Country Prefix		
extension	Phone Extension		
User		Y	
userId		Y	
password		Y	

The Contact service calls the P0111Z1 z-file process first to update the Who's Who information.

If the *additionalInfo* element is included in the request, the P0111WZ z-file process is called to updated the Who's Who additional information. If the *additionalInfo* element is included, it must specify all 10 category codes.

If there are *address* elements included in the request, the ContactAddress_V2 service is called to process the address information.

If there are *phones* elements included in the request, the ContactPhones_V2 service is called to process the phone information

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number to retrieve	
ApplicationError	Application Error	"true" or "false"
message	Error Message	
contacts	Contact_V2[]	One or more occurences
whosWhoLineNumber	Who's Who Line Number	
mailingName	MailingName	
type		
preferredCommunication		
status		
sequence		
addressType		addressType
secondaryMailingName		secondaryMailingName
additionalInfo	Contact_Addl_V2	
alphaName		
title		
remark		
salutation		
givenName		
middleName		
surname		
categoryCodes		String[] – 10 occurences
addresses	Address[]	Array..0 or more occurrences
addressLine1	Address Line 1	
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	

Field Name	Description	Notes
city	City	
county	County	
state	State	
postalCode	Zip Code	
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
phones	Phone_V2[]	
phones	Phones[]	Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	

Special Considerations

The Contact service first executes the P0111Z1 z-file process to update the main contact information. The program then checks to see if an AdditionalInfo element exists in the request object and that all 10 Category Codes exist. If there is an AdditionalInfo element with 10 category codes, the Contact Additional Info (P0111WZ) z-file process is called, otherwise the additional Info portion of the contact is not updated.

The service checks to see if there is a *phones* element in the request, if there is, the ContactPhones_V2 service is called to update the phone information.

The service checks to see if there is an *addresses* element in the request, if there is, the ContactAdddress_V2 service is called to update the address information.

DeleteContact

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
whosWhoLine	Who's Who Line	Y	
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number to retrieve	
ApplicationError	Application Error	"true" or "false"
message	Error Message	
contacts	Contact_V2[]	Not used for delete service

Special Considerations

N/A.

Contact Address Service

Category	Address Book
Service Description	The contact Address service allows the creation, update and deletion of Contact Address records.
Package	addressbook
WSDL	ContactAddresses_V2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.addressbook.ContactAddressesImpl_V2
Implemented Via	RPG Program P01116Z
Public Operations	getContactAddresses
	setContactAddresses
	deleteContactAddresses

Operations Details

GetContactAddresses

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
whosWhoLine	Who's Who Line Number to retrieve	Y	
addressType	Address Type	N	Based on UDC
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Field1 Description	

Field Name	Description	Notes
whosWhoLine	Field3 Description	
Address		Array..0 or more occurrences
addressLine1	Address Line 1	
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	
city	City	
county	County	
state	State	
postalCode	Zip Code	
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
applicationError	Error flag	"true" or "false"
errorMessage	Error Message	

SetContactAddresses

Input Fields

Field Name	Description	Req	Notes
addressNumber	Field1 Description	Y	
whosWhoLine	Field3 Description	Y	
User		Y	
userId		Y	
password		Y	
Address			0 or more occurrences
addressLine1	Address Line 1	Y	

Field Name	Description	Req	Notes
addressLine2	Address Line 2		Based On UDC
addressLine3	Address Line 3		
addressLine4	Address Line 4		
city	City		
county	County		
state	State		
postalCode	Zip Code		
country	Country		
addressType	Address Type		
effectiveDate	Effective Date		
badAddress	Bad Address Flag		
actionCode		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Field1 Description	
whosWhoLine	Field3 Description	
Address		0 or more occurrences
addressLine1	Address Line 1	
addressLine2	Address Line 2	
addressLine3	Address Line 3	
addressLine4	Address Line 4	
city	City	
county	County	
state	State	
postalCode	Zip Code	

Field Name	Description	Notes
country	Country	
addressType	Address Type	
effectiveDate	Effective Date	
badAddress	Bad Address Flag	
applicationError	Error flag	"true" or "false"
errorMessage	Error Message	

DeleteContactAddresses

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
whosWhoLine	Who's Who Line Number to retrieve	Y	
addressType	Address Type	N	Based on UDC
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number	
whosWhoLine	Who's Who Line Number	
applicationError	Error flag	"true" or "false"
errorMessage	Error Message	

Special Considerations

N/A.

Contact Phone Service

Category	Address Book
Service Description	The contact Phone service allows the creation, update and deletion of Contact Phone records.
Package	addressbook
WSDL	ContactPhones_V2SoapHttpPort?WSDL
Implementation Class	com.jdedwards.world.addressbook.ContactPhonesImpl_V2
Implemented Via	RPG Program P01075Z
Public Operations	getContactPhones
	setContactPhones
	deleteContactPhones

Operations Details

GetContactPhones

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
whosWhoLine	Who's Who Line Number to retrieve	Y	
phoneLineNumber	Phone Line Number to be retrieved	N	If no Phone Line Number is specified, all phones for the input addressNumber and whosWhoLine will be retrieved.
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Field1 Description	
whosWhoLine	Field3 Description	
Phone_V2		Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	
applicationError	Error flag	"true" or "false"
errorMessage	Error Message	

SetContactPhones

Input Fields

Field Name	Description	Req	Notes
addressNumber	Field1 Description	Y	
whosWhoLine	Field3 Description	Y	
User		Y	
userId		Y	
password		Y	
Phone_V2			0 or more occurrences
phoneLineNumber	Line Number for Phone Record	Y	
type	Phone Type	Y	Based On UDC
prefix	Phone Prefix		

Field Name	Description	Req	Notes
phoneNumber	Phone Number		
countryPrefix	Country Prefix		
extension	Phone Extension		
actionCode		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Field1 Description	
whosWhoLine	Field3 Description	
Phone_V2		Array..0 or more occurrences
phoneLineNumber	Line Number for Phone Record	
type	Phone Type	
prefix	Phone Prefix	
phoneNumber	Phone Number	
countryPrefix	Country Prefix	
extension	Phone Extension	
applicationError	Error flag	"true" or "false"
errorMessage	Error Message	

DeleteContactPhones

Input Fields

Field Name	Description	Req	Notes
addressNumber	Address Book Number to retrieve	Y	
whosWhoLine	Who's Who Line Number to retrieve	Y	

Field Name	Description	Req	Notes
phoneLineNumber	Phone Line Number to be retrieved	Y	
User		Y	
userId		Y	
password		Y	

Output Fields

Field Name	Description	Notes
addressNumber	Address Book Number	
whosWhoLine	Who's Who Line Number	
applicationError	Error flag	"true" or "false"
errorMessage	Error Message	

Special Considerations

- N/A
- Email Address
- Related Address
- Socio Economic

Distribution Services

Customer Service Inquiry

N/A

Purchase Order

N/A

Sales History Inquiry

N/A

Sales Order

N/A

Summary of Availability

N/A

Financials Services

Equipment Cost Detail

N/A

Fixed Asset Master

N/A

G/L Single Account Revisions

Category	Financials
Service Description	The G/L Single Account Revisions service provides a way to retrieve, add, update and delete World G/L account information from the World Account Master file (F0901). The account revisions information is accessed using the Revise Single Account application (P09011).
Package	financials
WSDL	GLSingleAccountRevisions_V2.wsdl
Implementation Class	AccountRevisionsImpl.java
Implemented Via	RPG Program P09011
Public Operations	setAccountRevsions
	getAccountRevsions
	deleteAccountRevsions

Operations Details

setAccountRevisions

Input Fields

Field Name	Description	Req	Notes
currencyCodeFrom	Currency Code From		
description001	Description		
unitOfMeasure	Unit of measure		
levelOfDetailAcctCde	Level of Detail Account Code		
billableYN	Billable Y/N field		
objectAccountAlternate	Alternative Object Account		
subsidiaryAlternate	Alternative Subsidiary		
actionCode	Action Code	Y	
modelConsolidatedAccount	Model Consolidated Account		Multiple records can be added to the service
accountId	Account ID		
budgetPatternCode	Budget Pattern Code		
costCenter	Cost Center/Business Unit	Y	
objectAccount	Object Account	Y	
targetObjectAccount	Target Object Account		
typeCode9	Type Code 9		
postingEdit	Posting Edit	Y	
Subsidiary	Subsidiary	Y	
accountNumber3rd	Account Number 3rd		
targetSubsidiary	Target Subsidiary		

Field Name	Description	Req	Notes
acctNoInputMode	Account – No Input Mode		
fixedAssetPostingEditCode	Fixed Asset Posting Edit Code		
password	Password	Y	
userId	User Id	Y	

Output Fields

Field Name	Description	Notes
currencyCodeFrom	Currency Code From	
description001	Description	
unitOfMeasure	Unit of measure	
levelOfDetailAcctCde	Level of Detail Account Code	
billableYN	Billable Y/N field	
objectAccountAlternate	Alternative Object Account	
subsidiaryAlternate	Alternative Subsidiary	
modelConsolidatedAccount	Model Consolidated Account	
applicationError	Application Error Flag	True/False flag telling if there was an error during the service processing
accountId	Account ID	
budgetPatternCode	Budget Pattern Code	
costCenter	Cost Center/Business Unit	
objectAccount	Object Account	
targetObjectAccount	Target Object Account	
errorMessage	Error message details	Message giving more details of an error that occurred.

Field Name	Description	Notes
typeCode9	Type Code 9	
postingEdit	Posting Edit	
Subsidiary	Subsidiary	
accountNumber3rd	Account Number 3rd	
targetSubsidiary	Target Subsidiary	
fixedAssetPostingEditCode	Fixed Asset Posting Edit Code	

getAccountRevisions

Input Fields

Field Name	Description	Req	Notes
accountId	Account ID	Y	Either the account ID or a combination of cost center, object and subsidiary must be entered.
costCenter	Cost Center/Business Unit	Y	
objectAccount	Object Account		
subsidiary	Subsidiary	Y	
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
currencyCodeFrom	Currency Code From	
description001	Description	
unitOfMeasure	Unit of measure	
levelOfDetailAcctCde	Level of Detail Account Code	

Field Name	Description	Notes
billableYN	Billable Y/N field	
objectAccountAlternate	Alternative Object Account	
subsidiaryAlternate	Alternative Subsidiary	
modelConsolidatedAccount	Model Consolidated Account	
applicationError	Application Error Flag	True/False flag telling if there was an error during the service processing
accountId	Account ID	
budgetPatternCode	Budget Pattern Code	
costCenter	Cost Center/Business Unit	
objectAccount	Object Account	
targetObjectAccount	Target Object Account	
errorMessage	Error message details	Message giving more details of an error that occurred.
typeCode9	Type Code 9	
postingEdit	Posting Edit	
Subsidiary	Subsidiary	
accountNumber3rd	Account Number 3rd	
targetSubsidiary	Target Subsidiary	
fixedAssetPostingEditCode	Fixed Asset Posting Edit Code	

deleteAccountRevisions

Input Fields

Field Name	Description	Req	Notes
accountId	Account ID	Y	

Field Name	Description	Req	Notes
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
currencyCodeFrom	Currency Code From	
description001	Description	
unitOfMeasure	Unit of measure	
levelOfDetailAcctCde	Level of Detail Account Code	
billableYN	Billable Y/N field	
objectAccountAlternate	Alternative Object Account	
subsidiaryAlternate	Alternative Subsidiary	
modelConsolidatedAccount	Model Consolidated Account	
applicationError	Application Error Flag	True/False flag telling if there was an error during the service processing
accountId	Account ID	
budgetPatternCode	Budget Pattern Code	
costCenter	Cost Center/Business Unit	
objectAccount	Object Account	
targetObjectAccount	Target Object Account	
errorMessage	Error message details	Message giving more details of an error that occurred.
typeCode9	Type Code 9	
postingEdit	Posting Edit	
Subsidiary	Subsidiary	

Field Name	Description	Notes
accountNumber3rd	Account Number 3rd	
targetSubsidiary	Target Subsidiary	
fixedAssetPosting EditCode	Fixed Asset Posting Edit Code	

Special Considerations

N/A

Journal Entry

N/A

Payment Terms

N/A

Inventory Services

Item Location

Category	Inventory
Service Description	The Item Location service provides a way to retrieve and update World item location information from the World Item Location File (F41021). The item location information is accessed using the Item Lot/Location Information application (P41024).
Package	inventory
WSDL	ItemLocation.wsdl
Implementation Class	ItemLocationImpl.java
Implemented Via	RPG Program P41024
Public Operations	setItemLocation
	getItemLocation

Operations Details

setItemLocation

Input Fields

Field Name	Description	Req	Notes
item	Item number		The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
costCenter	Cost Center/Business Unit		

Field Name	Description	Req	Notes
user	User Name		
password	Password		
+itemLocationDetail	Item location detail records		Multiple records can be added to the service
lotStatusCode	Lot Status code		
dateNextInvenotryCnt	Date of the next inventory count		Date field.
statusChangeResaonCode	Reason Code for status change		
lot	Lot Number		
selection	Selection option on Lot Location Information screen		Use '9' to delete a particular location line
dateLotExpiration	Date of the lot expiration		Date field
location	Location name/description		
classCode	G/L Posting category code		

Output Fields

Field Name	Description	Notes
item	Item number	The item number will be displayed according to the defaults in your World system.
costCenter	Cost Center/Business Unit	
ItemDescription	Description of the item	
applicationError	Application error flag	True/False flag telling if there was an error during the service processing
errorMessage	Error message text	Message giving more details of an error that occurred.
+itemLocationDetail	Item location detail records	Multiple records can be returned to the service based on the location entries
lotStatusCode	Lot Status code	
dateNextInvenotryCnt	Date of the next inventory count	Date field.

Field Name	Description	Notes
statusChangeResa onCode	Reason Code for status change	
lot	Lot Number	
selection	Selection option on Lot Location Information screen	Use '9' to delete a particular location line
dateLotExpiration	Date of the lot expiration	Date field
location	Location name/description	
classCode	G/L Posting category code	

getItemLocation

Input Fields

Field Name	Description	Req	Notes
item	Item number	Y	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
costCenter	Cost Center/Business Unit	Y	
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
item	Item number	The item number will be displayed according to the defaults in your World system.
costCenter	Cost Center/Business Unit	

Field Name	Description	Notes
ItemDescription	Description of the item	
applicationError	Application error flag	True/False flag telling if there was an error during the service processing
errorMessage	Error message text	Message giving more details of an error that occurred.
+itemLocationDetail	Item location detail records	Multiple records can be returned to the service based on the location entries
lotStatusCode	Lot Status code	
dateNextInvenotryCnt	Date of the next inventory count	Date field.
statusChangeResaonCode	Reason Code for status change	
lot	Lot Number	
selection	Selection option on Lot Location Information screen	Use '9' to delete a particular location line
dateLotExpiration	Date of the lot expiration	Date field
location	Location name/description	
classCode	G/L Posting category code	

Special Considerations

N/A

Item Master

Category	Inventory
Service Description	The Item Master service provides a way to retrieve, add and update an item to the item master file F4101. The basic item master information is accessed using the Item Number – Short, Product No, or Catalog No.
Package	inventory
WSDL	ItemMaster.wsdl
Implementation Class	BasicItemMaster.java
Implemented Via	RPG Programs X4101 and P4101
Public Operations	getBasicItemMaster
	setBasicItemMaster

Operations Details

getBasicItemMaster

Input Fields

Field Name	Description	Req	Notes
identifier1stItem	Item Number - Short.	Y	Item Number – Short, Product No, or Catalog No is required to retrieve Item Master information.
identifier2ndItem	Product No	Y	
identifier3rdItem	Catalog No	Y	
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
Identifier1stItem	Item Number - Short	

Inventory Services

Field Name	Description	Notes
identifier2ndItem	Product No	
descriptionLine1	Description Line 1	
identifier3rdItem	Catalog No	
descriptionLine2	Description Line 2	
searchText	Search Text	
stockingType	Stocking Type	
glCategory	G/L Class	
lineType	Line Type	
unitOfMeasurePrimary	Unit of Measure	
bulkPackedFlag	Bulk/Packed Flag	
pricingCategory	Item Price Group	
costLevel	Inventory Cost Level	
repriceBasketPriceCat	Basket Reprice Group	
priceLevel	Sales Price Level	
orderRepriceCategory	Order Reprice Group	
levelPurchasingPrice	Purchase Price Level	
dispatchGrp	Dispatch Group	
methodOfPriceCalcula	Kit Pricing Method	
warrantyItemGroup	Warranty Item Group	
backordersAllowedYN	Backorders Allowed	
serialNumberRequired	Serial No. Required.	
checkAvailabilityYN	Check Availability Y/N	
lotStatusCode	Lot Status Code	
shelfLifeDays	Shelf Life Days.	

Field Name	Description	Notes
layerCodeSource	Lot Process Type	
abcCode1SalesInv	ABC Codes 1	
abcCode2MarginInv	ABC Codes 2	
abcCode3InvestInv	ABC Codes 3	
allocateByLot	Commitment Method	
AddressNumberPlanner	Planner Number	
ItemFlashMessage	Item Flash Message	
Buyer	Buyer Number	
temporaryItemFlashMessag	Std UOM Conversion	
PrintMessage1	Print Message	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

setBasicItemMaster

Input Fields

Field Name	Description	Req	Notes
ediTransactionAction	Field1 Description		
identifier2ndItem	Product No		
descriptionLine1	Description Line 1	Y	
identifier3rdItem	Catalog No		
descriptionLine2	Description Line 2		
searchText	Search Text		

Field Name	Description	Req	Notes
stockingType	Stocking Type	Y	
glCategory	G/L Class		
lineType	Line Type		
unitOfMeasurePrimary	Unit of Measure		
bulkPackedFlag	Bulk/Packed Flag		P Packaged B Bulk liquid
pricingCategory	Item Price Group		
costLevel	Inventory Cost Level		1 Item level 2 Item/Branch level 3 Item/Branch/Location level
repriceBasketPriceCat	Basket Reprice Group		
priceLevel	Sales Price Level		1 Item level 2 Item/Branch level 3 Item/Branch/Location level
orderRepriceCategory	Order Reprice Group		

Field Name	Description	Req	Notes
levelPurchasingPrice	Purchase Price Level		1 Use the supplier/item price from the Purchase Price table (F41061).
			2 Use the supplier/item/branch price from the Purchase Price table (F41061).
			3 Use the inventory cost from the Inventory Cost table (F4105). This cost is based on the inventory cost level and the purchasing cost method you specify for the item.
dispatchGrp	Dispatch Group		

Field Name	Description	Req	Notes
methodOfPriceCalcula	Kit Pricing Method	Y	1 The system totals list prices of components to determine the kit or product family price.
			2 The list price of the final kit. This is the kit or product family price from the Base Price table (F4106).
			3 The price inclusion rules for the product family determine the product family price (for configured items only).
			4 The kit or product family price is the sum of the components' discounted prices. There is no discount on the parent.
warrantyItemGroup	Warranty Item Group		
backordersAllowedYN	Backorders Allowed		Y Yes, allow backorders for this tem.
			N No, do not allow backorders for this item, regardless of the backorders code assigned to the customer.

Field Name	Description	Req	Notes
serialNumberReq uired	Serial No. Required.		Y Yes, the system requires a serial number for all transactions pertaining to this item in related inventory, sales, and purchase order programs.
			N No, the system does not require a serial number.
checkAvailability YN	Check Availability Y/N		Y Check availability
			N Do not check availability
lotStatusCode	Lot Status Code		
shelfLifeDays	Shelf Life Days.		The number of days that an item can remain in inventory before it expires.

Field Name	Description	Req	Notes
layerCodeSource	Lot Process Type		0 Lot assignment is optional. You can manually assign numbers. Quantity can be greater than one (default).
			1 Lot assignment is required. The system assigns numbers using the system date in YYMMDD format. Quantity can be greater than one.
			2 Lot assignment is required. The system assigns numbers in ascending order using Next Numbers. Quantity can be greater than one.
			3 Lot assignment is required. You must manually assign numbers. Quantity can be greater than one.
			4 Serial number assignment is optional except during shipment confirmation. Quantity must not exceed one.

Field Name	Description	Req	Notes
abcCode1SalesInv	ABC Codes 1		A Assign this item to the first (largest) amount ranking.
			B Assign this item to the second (intermediate) amount ranking.
			C Assign this item to the third (smallest) amount ranking.
			D Do not include this item when you run ABC Analysis.
abcCode2MarginInv	ABC Codes 2		A Assign this item to the first amount ranking .
			B Assign this item to the second amount ranking.
			C Assign this item to the third amount ranking.
			D Skip this item in the ABC Analysis.
abcCode3InvestInv	ABC Codes 3		
allocateByLot	Commitment Method		
AddressNumberPlanner	Planner Number		
itemFlashMessage	Item Flash Message		
buyer	Buyer Number		
temporaryItemFlashMessag	Temporary Item Flash Message		
printMessage1	Print Message		

Field Name	Description	Req	Notes
user	User		
password	Password		

Output Fields

Field Name	Description	Notes
Identifier1stItem	Item Number - Short	
identifier2ndItem	Product No	
descriptionLine1	Description Line 1	
identifier3rdItem	Catalog No	
descriptionLine2	Description Line 2	
searchText	Search Text	
stockingType	Stocking Type	
glCategory	G/L Class	
lineType	Line Type	
unitOfMeasurePrimary	Unit of Measure	
bulkPackedFlag	Bulk/Packed Flag	
pricingCategory	Item Price Group	
costLevel	Inventory Cost Level	
repriceBasketPriceCat	Basket Reprice Group	
priceLevel	Sales Price Level	
orderRepriceCategory	Order Reprice Group	
levelPurchasingPrice	Purchase Price Level	
dispatchGrp	Dispatch Group	
methodOfPriceCalcula	Kit Pricing Method	
warrantyItemGroup	Warranty Item Group	

Field Name	Description	Notes
backordersAllowedYN	Backorders Allowed	
serialNumberRequired	Serial No. Required.	
checkAvailabilityYN	Check Availability Y/N	
lotStatusCode	Lot Status Code	
shelfLifeDays	Shelf Life Days.	
layerCodeSource	Lot Process Type	
abcCode1SalesInv	ABC Codes 1	
abcCode2MarginInv	ABC Codes 2	
abcCode3InvestInv	ABC Codes 3	
allocateByLot	Commitment Method	
AddressNumberPlanner	Planner Number	
ItemFlashMessage	Item Flash Message	
Buyer	Buyer Number	
temporaryItemFlashMessag	Std UOM Conversion	
PrintMessage1	Print Message	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Special Considerations

N/A

Item Master Branch Plant Bulk Item Information

Category	Inventory
Service Description	The Item Master Branch Plant Bulk Item Information service provides a way to retrieve, add and update World bulk item information from the World Item Bulk Information File (F41022). The item bulk information is accessed using the application (P41029).
Package	inventory
WSDL	ItemMasterBranchPlantBulkItemInfo.wsdl
Implementation Class	ItemMasterBranchPlantBulkItemInfoImpl.java
Implemented Via	RPG Program P41029
Public Operations	getIMBranchPlantBulkItemInfo
	setIMBranchPlantBulkItemInfo

Operations Details

getIMBranchPlantBulkItemInfo

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
strategicVolume	Strategic Volume	
unitofMeasure10	Strategic Volume Unit of Measure	
LoadRackFlag	Gantry/Load Rack Flag	
HydrometerCorrection	Hydrometer Correction	
AirCorrectYN	Air Correction	
AutoBatchBlend	Auto Batch Blend	
AutoWarehouse	Auto Warehouse	
ReplenishmentType	Replenishment Type	
BlendCategory	Blend Category	
FillCategory	Fill Category	
ReconciledThruDate	Reconciled Thru Date	
ReconcileTOB	Reconcile	
UserReservedCode	User Reserved Code	
UserReservedAmount	User Reserved Amount	
UserReservedNumber	User Reserved Number	
UserReservedReference	User Reserved Reference	
UserReservedDate	User Reserved Date	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlantBulkItemInfo

Input Fields

Field Name	Description	Req	Notes
ActionCode	Action Code	Y	A – Add C – Change/Update D - Delete
CostCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
strategicVolume	Strategic Volume		Identifies the government-mandated, strategic stock level assigned to the depot for a specific product. The system displays a warning message when the stock level falls below government-required minimums.
unitofMeasure10	Strategic Volume Unit of Measure		
hydrometerCorre ction	Hydrometer Correction		Indicates whether this product must include the appropriate stem correction for the thermal expansion of the glass hydrometer. Valid values are: Y or 1 (Yes) N or 0 (No)

Field Name	Description	Req	Notes
airCorrectYN	Air Correction		Indicates if an air correction must be applied in the volume-to-weight conversion. The weight in air of a liquid differs from its mass (weight in a vacuum) because of the effects of air buoyancy. Thus, the calculation changes slightly if an air correction is required. Valid values are: Y or 1 (Yes) N or 0 (No)
loadRackFlag	Gantry/Load Rack Flag		Indicates whether a gantry (loading rack) is used. Valid values are: Y or 1 (Yes) N or 0 (No)
autoBatchBlend	Auto Batch Blend		Indicates if this product at this depot will be used by an automated batch blending system. Valid values are: Y or 1 (Yes) N or 0 (No)
autoWarehouse	Auto Warehouse		Indicates if this product at this depot will be used by an automated warehouse system. Valid values are: Y or 1 (Yes) N or 0 (No)
replenishmentType	Replenishment Type		
blendCategory	Blend Category		
fillCategory	Fill Category		

Field Name	Description	Req	Notes
reconciledThruDate	Reconciled Thru Date		
reconcileTOB	Reconcile		Identifies whether this Item or Tank is included in the reconciliation process. Valid values for World are as follows:
			T or 1<Tab>Include this item or tank in the Throughput Reconciliation process only.
			O or 2<Tab>Include this item or tank in the Operational Reconciliation process only.
			B or 3<Tab>Include this item or tank in both the Throughput and Operational Reconciliation processes.
			N or 0<Tab>Do not include this item or tank in either of the Reconciliation processes.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	

Field Name	Description	Notes
strategicVolume	Strategic Volume	
unitofMeasure10	Strategic Volume Unit of Measure	
LoadRackFlag	Gantry/Load Rack Flag	
hydrometerCorrection	Hydrometer Correction	
airCorrectYN	Air Correction	
autoBatchBlend	Auto Batch Blend	
autoWarehouse	Auto Warehouse	
replenishmentType	Replenishment Type	
blendCategory	Blend Category	
fillCategory	Fill Category	
reconciledThruDate	Reconciled Thru Date	
reconcileTOB	Reconcile	
userReservedCode	User Reserved Code	
userReservedAmount	User Reserved Amount	
userReservedNumber	User Reserved Number	
userReservedReference	User Reserved Reference	
userReservedDate	User Reserved Date	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Special Considerations

N/A

Item Master Branch Plant Classification Codes

Category	Inventory
Service Description	The Item Master Branch Plant Classification Codes service provides a way to retrieve and update World Item Master Branch Plant Classification Codes from Item Branch Master File (F4102). The Item Master Branch Plant Classification Codes is accessed using the Classification Codes application (P41025).
Package	inventory
WSDL	ItemMasterBranchPlantClassCodes.wsdl
Implementation Class	IMBranchPlantClassCodesImpl.java
Implemented Via	RPG Program P41025
Public Operations	getIMBranchPlantClassCodes
	setIMBranchPlantClassCodes

Operations Details

getIMBranchPlantClassCodes

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknownFormat	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknown Format	Item Number – Unknown format.	
salesReportingCode1	Sales Catalog Section	
shippingConditionsCode	Shipping Conditions Code	
salesReportingCode2	Sales Sub Section	
shippingCommodityClass	Shipping Commodity Class	
salesReportingCode3	Sales Category Code 3	
cycleCountCategory	Cycle Count Category	
salesReportingCode4	Sales Category Code 4	
purchReportingCode6	Item Dimension Group	
salesReportingCode5	Sales Category Code 5	
purchReportingCode7	Warehouse Process Grp 1	
carrier	Sale Preferred Carrier	
purchReportingCode8	Warehouse Process Grp 2	
purchReportingCode9	Warehouse Process Grp 3	
purchasingReportCode1	Purchasing Commodity Class	
purchReportingCode10	Item Pool Code	
purchasingReportCode2	Purchasing Commodity Sub Class.	
salesReportingCode6	Category Code 6	

Field Name	Description	Notes
purchasingReport Code3	Purchasing Supplier Rebate Code	
salesReportingCo de7	Category Code 7	
purchasingReport Code4	Purchasing Master Planning Family	
salesReportingCo de8	Category Code 8	
purchasingReport Code5	Purchasing Landed Cost Rule	
salesReportingCo de9	Category Code 9	
preferCarrierPurc hasin	Purchasing Preferred Carrier	
salesReportingCo de10	Category Code 10	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlantClassCodes

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
salesReportingCo de1	Sales Catalog Section		

Field Name	Description	Req	Notes
shippingConditionsCode	Shipping Conditions Code		
salesReportingCode2	Sales Sub Section		
shippingCommodityClass	Shipping Commodity Class		
salesReportingCode3	Sales Category Code 3		
cycleCountCategory	Cycle Count Category		
salesReportingCode4	Sales Category Code 4		
purchReportingCode6	Item Dimension Group		
salesReportingCode5	Sales Category Code 5		
purchReportingCode7	Warehouse Process Grp 1		
carrier	Sale Preferred Carrier		
purchReportingCode8	Warehouse Process Grp 2		
purchReportingCode9	Warehouse Process Grp 3		
purchasingReportCode1	Purchasing Commodity Class		
purchReportingCode10	Item Pool Code		
purchasingReportCode2	Purchasing Commodity Sub Class.		
salesReportingCode6	Category Code 6		
purchasingReportCode3	Purchasing Supplier Rebate Code		
salesReportingCode7	Category Code 7		
purchasingReportCode4	Purchasing Master Planning Family		

Field Name	Description	Req	Notes
salesReportingCode8	Category Code 8		
purchasingReportCode5	Purchasing Landed Cost Rule		
salesReportingCode9	Category Code 9		
preferCarrierPurchasin	Purchasing Preferred Carrier		
salesReportingCode10	Category Code 10		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
salesReportingCode1	Sales Catalog Section	
shippingConditionsCode	Shipping Conditions Code	
salesReportingCode2	Sales Sub Section	
shippingCommodityClass	Shipping Commodity Class	
salesReportingCode3	Sales Category Code 3	
cycleCountCategory	Cycle Count Category	
salesReportingCode4	Sales Category Code 4	
purchReportingCode6	Item Dimension Group	
salesReportingCode5	Sales Category Code 5	

Field Name	Description	Notes
purchReportingCode7	Warehouse Process Grp 1	
carrier	Sale Preferred Carrier	
purchReportingCode8	Warehouse Process Grp 2	
purchReportingCode9	Warehouse Process Grp 3	
purchasingReportCode1	Purchasing Commodity Class	
purchReportingCode10	Item Pool Code	
purchasingReportCode2	Purchasing Commodity Sub Class.	
salesReportingCode6	Category Code 6	
purchasingReportCode3	Purchasing Supplier Rebate Code	
salesReportingCode7	Category Code 7	
purchasingReportCode4	Purchasing Master Planning Family	
salesReportingCode8	Category Code 8	
purchasingReportCode5	Purchasing Landed Cost Rule	
salesReportingCode9	Category Code 9	
PreferCarrierPurchasin	Purchasing Preferred Carrier	
salesReportingCode10	Category Code 10	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Branch Plant Lot

Category	Inventory
Service Description	The Item Master Branch Plant Lot service provides a way to retrieve and update World Item Branch/Plant Lot/SN Set Up information from Item Branch Master File (F4102). The Item Master Branch Plant Lot is accessed using the Item/Branch Lot/SN Set Up application (P4102A).
Package	inventory
WSDL	ItemMasterBranchPlantLot.wsdl
Implementation Class	IMBranchPlantClassLotImpl.java
Implemented Via	RPG Program P4102A
Public Operations	getIMBranchPlantLot
	setIMBranchPlantLot

Operations Details

getIMBranchPlantLot

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
serialNumberRequired	Serial No. Required	
lotStatusCode	Lot Status Code	
layerCodeSource	Lot Process Type	
commitmentDateMethod	Commitment Date Method	
itemMultipleDates9999	Mix Lots/Serial Number	
lotExpirationDateCalculationMethod	Shelf Life (Expiration)	
shelfLifeDays	User Date 1	
userLotDate1DefaultDays	Sell By	
sellByDefaultDays	User Date 2	
userLotDate2DefaultDays	Best Before	
bestBeforeDefaultDays	User Date 3	
userLotDate3DefaultDays	User Date 3	
lotEffectiveDefaultDays	Manufacturing Effective	
userLotDate4DefaultDays	User Date 4	
purchasingEffectiveDays	Purchasing Effective	
userLotDate5DefaultDays	User Date 5	
Error	Error Flag	True/False flag telling if there was an error during the service processing

Field Name	Description	Notes
errorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlantLot

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
ItemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
serialNumberReq uired	Serial No. Required		Y Yes, the system requires a serial number for all transactions pertaining to this item in related inventory, sales, and purchase order programs N No, the system does not require a serial number.
LotStatusCode	Lot Status Code		

Field Name	Description	Req	Notes
LayerCodeSource	Lot Process Type		0 Lot assignment is optional. You can manually assign numbers. Quantity can be greater than one (default).
			1 Lot assignment is required. The system assigns numbers using the system date in YYMMDD format. Quantity can be greater than one.
			2 Lot assignment is required. The system assigns numbers in ascending order using Next Numbers. Quantity can be greater than one.
			3 Lot assignment is required. You must manually assign numbers. Quantity can be greater than one.
			4 Serial number assignment is optional except during shipment confirmation. Quantity must not exceed one.
			5 Serial number assignment is required. The system assigns numbers using the system date in YYMMDD format. Quantity must not exceed one.
			6 Serial number assignment is required. The system assigns

Field Name	Description	Req	Notes	
CommitmentDate Method	Commitment Date Method			
itemMultipleDate s9999	Mix Lots/Serial Number		Blank	The system can assign two or more types of items or lots to a single location.
			1	The system cannot assign two or more types of items or lots to a single location.
			2	The system cannot assign two or more types of items or lots to a single location, and cannot assign an item that has multiple lot statuses to a single location.
lotExpirationDate CalculationMetho d	Shelf Life (Expiration)			The number of days that an item can remain in inventory before it expires. The system adds this number to the date that the item is received to determine the expiration date for the item. If you do not enter a value here, you must enter an expiration date each time you receive the lot item.

Field Name	Description	Req	Notes
shelfLifeDays	User Date 1		The number of days that the system uses to calculate the value for the User Lot Date 1 field of the Lot Master File (F4108). The system calculates the value for the User Lot Date 1 field using one of two methods, depending on whether the number that you enter in this field is positive or negative. If you enter a positive value, the system adds the days to the based on date to determine the value for the User Lot Date 1 field. If you enter a negative value, the system subtracts the days from the lot expiration date to determine the value for the User Lot Date 1 field.
userLotDate1Defa ultDays	Sell By		The number of days that an item can remain in inventory before it should be sold. The system uses the number that you enter to calculate the sell by date using two different methods, depending on whether the value that you enter in this field is positive or negative. If you enter a positive value, the system adds the days to the based on date to determine the sell by date for the lot.
			If you enter a negative value, the system subtracts the days from the lot expiration date to determine the sell by date.

Field Name	Description	Req	Notes
sellByDefaultDays	User Date 2		The number of days that the system uses to calculate the value for the User Lot Date 2 field of the Lot Master File (F4108). The system calculates the value for the User Lot Date 2 field using one of two methods, depending on whether the number that you enter in this field is positive or negative. If you enter a positive value, the system adds the days to the based on date to determine the value for the User Lot Date 2 field. If you enter a negative value, the system subtracts the days from the lot expiration date to determine the value for the User Lot Date 2 field.
userLotDate2DefaultDays	Best Before		The number of days that an item can remain in inventory before it should be consumed. The system uses the number that you enter to calculate the best before date using two different methods, depending on whether the number that you enter in this field is positive or negative. If the value is positive, the system adds the days to the based on date to determine the best before date for the lot. If the number is negative, the system subtracts the days from the lot expiration date to determine the best before date

Field Name	Description	Req	Notes
bestBeforeDefault Days	User Date 3		The number of days that the system uses to calculate the value for the User Lot Date 3 field of the Lot Master File (F4108). The system calculates the value for the User Lot Date 3 field using one of two methods, depending on whether the number that you enter in this field is positive or negative. If you enter a positive value, the system adds the days to the based on date to determine the value for the User Lot Date 3 field. If you enter a negative value, the system subtracts the days from the lot expiration date to determine the value for the User Lot Date 3 field.
lotEffectiveDefaul tDays	Manufacturing Effective		The number of days that an item must remain in inventory before the system considers the item to be available for sales and manufacturing commitments. To calculate the lot effective date, the system adds the number that you enter in this field to the based on date that appears in the Lot Master File (F4108).

Field Name	Description	Req	Notes
userLotDate4Defa ultDays	User Date 4		The number of days that the system uses to calculate the value for the User Lot Date 4 field of the Lot Master File (F4108). The system calculates the value for the User Lot Date 4 field using one of two methods, depending on whether the number that you enter in this field is positive or negative. If you enter a positive value, the system adds the days to the based on date to determine the value for the User Lot Date 4 field. If you enter a negative value, the system subtracts the days from the lot expiration date to determine the value for the User Lot Date 4 field.
purchasingEffecti veDays	Purchasing Effective		The number of days after a purchased item is received that a lot becomes available. The system uses this number when calculating and displaying the effective date field in the Purchase Orders program (P4311) and the PO Receipts program (P4312).

Field Name	Description	Req	Notes
userLotDate5DefaultDays	User Date 5		The number of days that the system uses to calculate the value for the User Lot Date 5 field of the Lot Master File (F4108). The system calculates the value for the User Lot Date 5 field using one of two methods, depending on whether the number that you enter in this field is positive or negative. If you enter a positive value, the system adds the days to the based on date to determine the value for the User Lot Date 5 field. If you enter a negative value, the system subtracts the days from the lot expiration date to determine the value for the User Lot Date 5 field.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
serialNumberRequired	Serial No. Required	
lotStatusCode	Lot Status Code	
layerCodeSource	Lot Process Type	
commitmentDateMethod	Commitment Date Method	
itemMultipleDates9999	Mix Lots/Serial Number	

Field Name	Description	Notes
lotExpirationDate CalculationMethod	Shelf Life (Expiration)	
shelfLifeDays	User Date 1	
userLotDate1DefaultDays	Sell By	
sellByDefaultDays	User Date 2	
userLotDate2DefaultDays	Best Before	
bestBeforeDefaultDays	User Date 3	
lotEffectiveDefaultDays	Manufacturing Effective	
userLotDate4DefaultDays	User Date 4	
purchasingEffectiveDays	Purchasing Effective	
userLotDate5DefaultDays	User Date 5	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Branch Plant Lot Master Revisions

Category	Inventory
Service Description	The Item Master Branch Plant Lot Master Revisions service provides a way to retrieve, add and update World Lot Master File (F4108). The Item Master Branch Plant Lot Master is accessed using the Lot Master Revisions application (P4108).
Package	inventory
WSDL	ItemMasterBranchPlantLotRevisions.wsdl
Implementation Class	IMBranchPlantLotMasterRevisionsImpl.java
Implemented Via	RPG Program P4108
Public Operations	getIMBranchPlantLotMasterRevisions
	setIMBranchPlantLotMasterRevisions

Operations Details

getIMBranchPlantLotMasterRevisions

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknownFormat	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
lot99	Lot/SN	Y	
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	

Field Name	Description	Notes
itemNoUnknown Format	Item Number – Unknown format.	
lot99	Lot/SN	
descriptionLot	Lot Description	
memoLotField1	Memo Lot 1	
dateLotExpiration	Lot Expiration	
memoLotField2	Memo Lot 2	
memoLotField3	Memo Lot 3	
lotStatusCode	Lot Status Code	
lotPotency	Lot Potency	
lotGrade	Lot Grade	
primaryLastSupp lierNo	Supplier	
vendorLotNumbe r	Supplier Lot	
documentOrderIn voiceE	Order Number	
orderType	Order Type	
companyKeyOrd erNo	Order Company	
DateUserDefined Dat001	Received/Created	
DateUserDefined Dat002	Issued	
DateUserDefined Dat003	Recalibrated	
DateUserDefined Dat004	Completed	
DateUserDefined Dat005	Approved	
DateUserDefined Dat006	Sold	
Error	Error Flag	True/False flag telling if there was an error during the service processing

Field Name	Description	Notes
errorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlantLotMasterRevisions

Input Fields

Field Name	Description	Req	Notes
actionCode	Action Code	Y	
costCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
lot99	Lot/SN	Y	A number that identifies a lot or a serial number. A lot is a group of items with similar characteristics. If a lot number has leading zeros, you must type them as part of the lot number.
descriptionLot	Lot Description		
memoLotField1	Memo Lot 1		A higher classification or grouping of serial number or lot processed items maintained within the Lot Master (F4108).
dateLotExpiration	Lot Expiration		
memoLotField2	Memo Lot 2		A higher classification or grouping of serial number or lot processed items maintained within the Lot Master (F4108).

Field Name	Description	Req	Notes
memoLotField3	Memo Lot 3		A higher classification or grouping of memo lot 2 and memo lot 1 maintained within the lot master (F4108).
lotStatusCode	Lot Status Code		
statusChangeReasonCode	Status Change Reason		
lotPotency	Lot Potency		A code that indicates the potency of the lot, which is expressed as a percentage of active or useful material (for example, the percentage of alcohol in a solution). The actual potency of a lot is defined in the Lot Master table (F4108).
potencyChangeReasonCode	Potency Change Reason		
lotGrade	Lot Grade		
gradeChangeReasonCode	Grade Change Reason		
primaryLastSupplierNo	Supplier		
vendorLotNumber	Supplier Lot		The supplier's lot number for the item.
documentOrderInvoiceE	Order Number		A number that identifies a document, such as a purchase order, invoice, or sales order.

The purchase order number for the lot item. The system enters the purchase order number when you enter a receipt for the item in Purchase Order Management. |
| orderType | Order Type | | |
| companyKeyOrderNo | Order Company | | |

Field Name	Description	Req	Notes
dateUserDefined Dat001	Received/Created		
dateUserDefined Dat002	Issued		
dateUserDefined Dat003	Recalibrated		
dateUserDefined Dat004	Completed		
dateUserDefined Dat005	Approved		
dateUserDefined Dat006	Sold		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknown Format	Item Number – Unknown format.	
lot99	Lot/SN	
descriptionLot	Lot Description	
memoLotField1	Memo Lot 1	
dateLotExpiration	Lot Expiration	
memoLotField2	Memo Lot 2	
memoLotField3	Memo Lot 3	
lotStatusCode	Lot Status Code	
lotPotency	Lot Potency	
lotGrade	Lot Grade	
primaryLastSupp lierNo	Supplier	
vendorLotNumbe r	Supplier Lot	

Field Name	Description	Notes
documentOrderInvoiceE	Order Number	
orderType	Order Type	
companyKeyOrderNo	Order Company	
dateUserDefinedDat001	Received/Created	
DateUserDefinedDat002	Issued	
DateUserDefinedDat003	Recalibrated	
DateUserDefinedDat004	Completed	
DateUserDefinedDat005	Approved	
DateUserDefinedDat006	Sold	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Branch Plant Manufacturing Data Revisions

Category	Inventory
Service Description	The Item Master Branch Plant Manufacturing Data service provides a way to retrieve and update World Branch/Plant Manufacturing Data from Item Master Branch Plant File (F4102). The Item Master Branch Plant Manufacturing Data is accessed using the Manufacturing Data application (P41027).
Package	inventory
WSDL	ItemMasterBranchPlantManufacturingData.wsdl
Implementation Class	IMBranchPlantManufDataImpl.java
Implemented Via	RPG Program P41027
Public Operations	getIMBranchPlantManufData
	setIMBranchPlantManufData

Operations Details

getIMBranchPlantManufData

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
orderPolicyCode	Order Policy Code	
issueTypeCode	Issue Type Code	
orderPolicyValue	Value Order policy	
planningCode	Planning Code	
mfgLeadtimeQty	MFG Leadtime Quantity	
planTimeFenceRule	Planning Fence Rule	
acctingCostQty	Accounting Cost Qty	
fixedVariableLeadtime	Fixed/Variable	
planningTimeFenceDays	Planning Fence	
freezeTimeFenceDays	Freeze Fence	
msgTimeFenceDays	Message Display Fence	
leadtimeLevel	Level Leadtime	
leadtimeMfg	Manufacturing Leadtime	
timeBasisCode	Time Basis	
leadtimeCum	Cumulative Leadtime	
queueHours	Total Queue/Move Hours	
leadtimePerUnit	Leadtime Per Unit	
setupLaborHrsStdr	Setup Labor	
averageQueueTimeHours	Replenishment Leadtime	
payonconsumption	Issue and Receipt	
shrinkFactor	Shrink Factor	

Field Name	Description	Notes
engineeringChng Reason	ECO Reason	
shrinkFactorMeth od	Shrink Factor Method	
engineerChngOrd erNo	ECO Number	
revisionNumber	Drawing Rev. Level	
dateEngineerChg eDate	ECO Date	
meRevisionLevel	Item Revision Level	
constantFutureUs e1	Potency Control	
constantFutureUs e2	Grade Control	
standardPotency	Standard Potency	
standardGrade	Standard Grade	
fromPotency	From Potency	
thruPotency	Thru Potency	
fromGrade	From Grade	
thruGrade	Thru Grade	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlantManufData

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	

Field Name	Description	Req	Notes
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
orderPolicyCode	Order Policy Code		A code that designates the rules for inventory reordering in the MPS/MRP/DRP systems. Valid codes are:
			0 Reorder point (not planned by MPS/MRP/DRP)
			1 Lot-for-lot or as required
			2 Fixed order quantity
			3 Economic order quantity (EOQ)
			4 Periods of supply
			5 Rate scheduled item
			The codes above are hard coded.

Field Name	Description	Req	Notes
issueTypeCode	Issue Type Code		A code that indicates how the system issues each component in the bill of material from stock. In Shop Floor Management, it indicates how the system issues a part to a work order. Valid values are:
			I Manual issue
			F Floor stock (there is no issue)
			B Backflush (when the part is reported as complete)
			P Preflush (when the parts list is generated)
			U Super backflush (at the pay-point operation)
			S Sub-contract item (send to supplier)
			Blank Shippable end item
			You can issue a component in more than one way within a specific branch/plant by using different codes on the bill of material and the work order parts list. The bill of material code overrides the branch/plant value.

Field Name	Description	Req	Notes
orderPolicyValue	Value Order policy		A field that the system uses in conjunction with the order policy code. It can show four types of data:
			Type of Reorder processing when order policy code is 0 (Reorder point)
			0 Use Item History if Reorder Point is 0 (default, same as blanks)
			1 Ignore Item History even if Reorder point is 0
			2 Bypass Reorder Processing completely. The value of the fixed order quantity when you select order policy code
			2 (fixed order quantity).
			The number of additional days of supply after demand is encountered when you select order policy code 4 (periods of supply).

Field Name	Description	Req	Notes
planningCode	Planning Code		A code that indicates how Master Production Schedule (MPS), Material Requirements Planning (MRP), or Distribution Requirements Planning (DRP) processes this item. Valid codes are: 0 Not Planned by MPS, MRP, or DRP 1 Planned by MPS or DRP 2 Planned by MRP 3 Planned by MRP with additional independent forecast 4 Planned by MPS, Parent in Planning Bill 5 Planned by MPS, Component in Planning Bill These codes are hard-coded.
mfgLeadtimeQty	MFG Leadtime Quantity		The quantity that determines the leadtime level for a manufactured item. Each of the routing steps for the item are extended by this quantity. For the system to calculate the leadtime level, the quantity in this field must be a value other than zero.
planTimeFenceRule	Planning Fence Rule		

Field Name	Description	Req	Notes
acctingCostQty	Accounting Cost Qty		An amount that the system uses in the Cost Rollup program to determine the allocation of setup costs. The system totals the setup costs and divides the sum by this quantity to determine a unit setup cost. The default is 1.
fixedVariableLeadtime	Fixed/Variable		A code that determines whether the system uses fixed or variable leadtimes. This code works in conjunction with the value from either the Level Leadtime field or the Leadtime Per Unit field. Valid codes are: F Fixed leadtime - The system calculates work order start dates using the value from the Leadtime Level field. V Variable leadtime - The system calculates work order start dates using the value from the Leadtime Per Unit field.

Field Name	Description	Req	Notes
planningTimeFenceDays	Planning Fence		The number of days that the system uses in conjunction with the time fence rule to determine how the forecast is used. Enter the number of days after the start date when the time fence rule changes from the first rule to the second rule.
			For example, if the time fence rule is S (customer demand before the time fence, forecast after the time fence), the generation start date is 01/03/05, and the planning time fence is 3 days, the system plans using customer demand through 01/06/05. Beginning on 01/07/05, the system plans using the forecast.
			Note that: The system does not count the generation start date; that is, the day after the generation start date is day 1.
			For manufactured items, the system counts working days, as defined in the Shop Floor Calendar.
			For purchased items, the system counts calendar days.

Field Name	Description	Req	Notes
freezeTimeFence Days	Freeze Fence		The number of days from the generation start date within which DRP/MPS/MRP will not generate action messages.
			For example, if the generation start date is 01/03/05, and the freeze time fence is 3 days, the planning system will not generate action messages (cancel, decrease, increase, defer, expedite) for existing orders with required dates less than or equal to 01/06/05 and new order messages will not be generated with required dates less than 01/07/05.
			Note: The system does not count the generation start date; that is, the day after the generation start date is day 1.
			For manufactured items, the system counts working days, as defined in the Shop Floor Calendar.
			For purchased items, the system counts calendar days.

Field Name	Description	Req	Notes
msgTimeFenceDays	Message Display Fence		The number of days within which messages generated by DRP/MPS/MRP will be displayed. For example, on 01/01/05 with the message display fence on a purchased item set to 30, the system would only display messages for this item with dates less than or equal to 01/31/05. The value of this field does not limit the messages that are written, only what is displayed. When left blank, all messages are displayed. Note: The system does not count the generation start date; that is, the day after the generation start date is day 1. For manufactured items, the system counts working days.

Field Name	Description	Req	Notes
leadtimeLevel	Level Leadtime		A value that represents the leadtime for an item at its assigned level in the production process, as defined on Plant Manufacturing Data. The system uses this value to calculate the start dates for work orders using fixed leadtimes. Level leadtime is different for purchased and manufactured items: Purchased - The number of calendar days required for the item to arrive at your branch/plant after the supplier receives your purchase order. Manufactured - The number of workdays required to complete the fabrication or assembly of an item after all the components are available. You can enter level leadtime manually on Manufacturing Values Entry, or you can use the Leadtime Rollup program to calculate it. To calculate level leadtime using the Leadtime Rollup program, you must first enter a quantity in the Manufacturing Leadtime Quantity field in the Item Branch table (F4102).

Field Name	Description	Req	Notes
leadtimeMfg	Manufacturing Leadtime		The total number of days required to build an item from its lowest level components to the final assembly. This value is the total of the level leadtimes for all manufactured items, plus the highest manufacturing leadtime for all its components. If all components are purchased, the manufacturing leadtime equals the item's level leadtime. Purchased item leadtimes are not included in the calculation of manufacturing leadtimes. You can enter the manufacturing leadtime manually or you can have the system calculate it when you run the Leadtime Rollup program.
timeBasisCode	Time Basis		

Field Name	Description	Req	Notes
leadtimeCum	Cumulative Leadtime		The total number of days required to build an item from its lowest level components to the final assembly. The system calculates the value differently for manufactured and purchased items. Manufactured - The total of all level leadtimes for all manufactured items, plus the highest cumulative leadtime of all its components. Purchased - The item's level leadtime. Purchased item leadtimes are included in the calculation of cumulative leadtimes. You can enter this value manually or you can have the system calculate it when you run the Leadtime Rollup program.
queueHours	Total Queue/Move Hours		The total hours that an order is expected to be in queue at work centers and moving between work centers. The system stores this value in the Item Branch table (F4102). You can calculate this value using the Leadtime Rollup program or you can enter it manually. When you run the Leadtime Rollup program, the system overrides manual entries and populates the table with calculated values.

Field Name	Description	Req	Notes
leadtimePerUnit	Leadtime Per Unit		The total number of hours required to build one unit as specified on the routing. This value is factored by the time basis code.
			You can enter this value manually or you can have the system calculate it when you run the Leadtime Rollup program. The system overwrites this value when you run the Leadtime Rollup program.
			The system uses this field to calculate start dates for work orders when you use variable leadtimes.
setupLaborHrsStdr	Setup Labor		The standard setup hours that you expect to incur in the normal completion of this item. This value is not affected by crew size.
averageQueueTimeHours	Replenishment Leadtime		The time required before a consuming location has a replacement kanban available from its supplying location.
			This value is used only for kanban card processing in Shop Floor Management.

Field Name	Description	Req	Notes
payonconsumption	Issue and Receipt		A code that indicates whether an item is received at the time of inventory issues or if the system uses the Move and Disposition program. Valid values are:
			0 The system does not perform any actions.
			1 The system receives an item when an inventory issue occurs.
			2 The system uses the Movement and Disposition program when an inventory issue occurs.
ShrinkFactor	Shrink Factor		A fixed quantity or percentage that the system uses to determine inventory shrinkage for an item. The system increases the planned order quantity by this amount in MPS/MRP/DRP generation. The shrink factor method you specify for the item determines whether the shrink factor is a percentage or a fixed quantity.
			If you are entering a percentage, enter 5% as 5.00 and 50% as 50.00.
engineeringChng Reason	ECO Reason		

Field Name	Description	Req	Notes
shrinkFactorMethod	Shrink Factor Method		A value that determines whether the shrink factor you enter for this item is a percentage or a fixed quantity. Valid values are: % Percentage of order or requested quantity F Fixed amount to be added to quantity
engineerChngOrderNo	ECO Number		The number assigned to an engineering change order.
revisionNumber	Drawing Rev. Level		
dateEngineerChgeDate	ECO Date		
meRevisionLevel	Item Revision Level		The revision level for an item. If you enter a revision level, verify that the revision level of the routing for an item matches the revision level on the bill of material for the item.
constantFutureUse1	Potency Control		A code that indicates whether you control the item by potency.
constantFutureUse2	Grade Control		A code that indicates whether you control the item by grade.
standardPotency	Standard Potency		The percentage of active ingredients normally found in an item.
standardGrade	Standard Grade		

Field Name	Description	Req	Notes
fromPotency	From Potency		A number that indicates the minimum potency or percentage of active ingredients acceptable for an item. The system displays a warning message if you try to purchase or issue items that do not meet the minimum acceptable potency. The system does not allow you to sell items that do not meet the minimum acceptable potency.
thruPotency	Thru Potency		A number that indicates the maximum potency or percentage of active ingredients that is acceptable for an item. The system displays a warning message if you try to purchase or issue items that have a potency that exceeds the maximum potency acceptable. The system does not allow you to sell items that have a potency that exceeds the maximum potency acceptable.
fromGrade	From Grade		
thruGrade	Thru Grade		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	

Field Name	Description	Notes
itemNoUnknownFormat	Item Number – Unknown format.	
orderPolicyCode	Order Policy Code	
issueTypeCode	Issue Type Code	
orderPolicyValue	Value Order policy	
planningCode	Planning Code	
mfgLeadtimeQty	MFG Leadtime Quantity	
planTimeFenceRule	Planning Fence Rule	
acctingCostQty	Accounting Cost Qty	
fixedVariableLeadtime	Fixed/Variable	
planningTimeFenceDays	Planning Fence	
freezeTimeFenceDays	Freeze Fence	
msgTimeFenceDays	Message Display Fence	
leadtimeLevel	Level Leadtime	
leadtimeMfg	Manufacturing Leadtime	
timeBasisCode	Time Basis	
leadtimeCum	Cumulative Leadtime	
queueHours	Total Queue/Move Hours	
leadtimePerUnit	Leadtime Per Unit	
setupLaborHrsStdr	Setup Labor	
averageQueueTimeHours	Replenishment Leadtime	
payonconsumption	Issue and Receipt	
shrinkFactor	Shrink Factor	
engineeringChngReason	ECO Reason	

Field Name	Description	Notes
shrinkFactorMethod	Shrink Factor Method	
engineerChngOrderNo	ECO Number	
revisionNumber	Drawing Rev. Level	
dateEngineerChgeDate	ECO Date	
meRevisionLevel	Item Revision Level	
constantFutureUse1	Potency Control	
constantFutureUse2	Grade Control	
standardPotency	Standard Potency	
standardGrade	Standard Grade	
fromPotency	From Potency	
thruPotency	Thru Potency	
fromGrade	From Grade	
thruGrade	Thru Grade	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Branch Plant Quantities Revisions

Category	Inventory
Service Description	The Item Master Branch Plant Quantities service provides a way to retrieve and update World Item Branch/Plant Master Branch Plant File (F4102). The Item Master Branch Plant Quantities Data is accessed using the Quantity Revisions application (P41022).
Package	inventory
WSDL	ItemMasterBranchPlantQuantities.wsdl
Implementation Class	IMBranchPlantQuantitiesImpl.java
Implemented Via	RPG Program P41022
Public Operations	getIMBranchPlantQuantities
	setIMBranchPlantQuantities

Operations Details

getIMBranchPlantQuantities

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
reorderQuantityInput	Reorder Quantity	
reorderQuantityMaximum	Maximum Reorder Qty	
reorderQuantityMinimum	Minimum Reorder Qty	
reorderPointInput	Reorder Point	
qtyOrderMultiples	Multiple Order Qty	
unitsPerContainer	Units Per Container	
safetyStockDaysSupply	Safety Stock	
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlantQuantities

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
itemNoUnknownFormat	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.

Field Name	Description	Req	Notes
reorderQuantityInput	Reorder Quantity		The estimated reorder quantity for an item. You can enter this quantity if there is not enough sales history available for the system to accurately calculate a reorder quantity.
reorderQuantityMaximum	Maximum Reorder Qty		The maximum order quantity for an item. You can base the quantity on factors other than usage, such as perishability, storage capacity, and so forth.
reorderQuantityMinimum	Minimum Reorder Qty		The minimum order quantity for an item. You can base the quantity on factors other than usage, such as perishability, storage capacity, and so forth.
reorderPointInput	Reorder Point		A quantity for an item that specifies when replenishment occurs. Typically, this occurs when the total quantity on-hand plus the quantity on order equal or do not meet a specified quantity. You can enter this quantity or the system can calculate it if there is sufficient sales history.
qtyOrderMultiples	Multiple Order Qty		A multiple for rounding up planned order quantities in MPS/MRP. The system rounds up the planned order quantity to the nearest multiple that you enter in this field.

Field Name	Description	Req	Notes
unitsPerContainer	Units Per Container		The standard quantity of containers that you use in the manufacturing process (typically, in a repetitive manufacturing environment). The quantity that you enter determines the number of bar code labels that you will need for shipping. It also modifies order release quantities.
safetyStockDaysSupply	Safety Stock		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
itemNoUnknownFormat	Item Number – Unknown format.	
reorderQuantityInput	Reorder Quantity	
reorderQuantityMaximum	Maximum Reorder Qty	
reorderQuantityMinimum	Minimum Reorder Qty	
reorderPointInput	Reorder Point	
qtyOrderMultiples	Multiple Order Qty	
unitsPerContainer	Units Per Container	
safetyStockDaysSupply	Safety Stock	

Field Name	Description	Notes
Error	Error Flag	True/False flag telling if there was an error during the service processing
errorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Branch Plant Revisions

Category	Inventory
Service Description	The Item Master Branch Plant Revisions service provides a way to retrieve, add, update and delete World Item Branch/Plant Master records from File (F4102). The Item Master Branch Plant Revisions is accessed using the Item Branch/Plant Information application (P41026).
Package	inventory
WSDL	ItemMasterBranchPlantRevisions.wsdl
Implementation Class	IMBranchPlantRevisionsImpl.java
Implemented Via	RPG Program P41026
Public Operations	getIMBranchPlant
	setIMBranchPlant

Operations Details

getIMBranchPlant

Input Fields

Field Name	Description	Req	Notes
costCenter	Branch/Plant Code	Y	
ItemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.

Field Name	Description	Req	Notes
User	User Name	Y	
Password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
ItemNoUnknownFormat	Item Number – Unknown format.	
stockingType	Stocking Type	
glCategory	G/L Class	
lineType	Line Type	
pricingCategory	Item Price Group	
taxableYN	Sales Taxable	
repriceBasketPriceCat	Basket Reprice Group	
taxableYN1	Purchasing Taxable	
orderRepriceCategory	Order Reprice Group	
warrantyItemGroup	Warranty Item Group	
backordersAllowedYN	Backorders Allowed	
serialNumberRequired	Serial No. Required	
checkAvailabilityYN	Check Availability Y/N	
lotStatusCode	Lot Status Code	
shelfLifeDays	Shelf Life Days	
layerCodeSource	Lot Process Type	
abcCode1SalesInv	ABC Codes 1	
abcCode2MarginInv	ABC Codes 2	

Field Name	Description	Notes
abcCode3InvestInv	ABC Codes 3	
allocateByLot	Commitment Method	
marginMaintenancePer	Margin Maintenance (%)	
itemMultipleDates9999	Mix Lots/Serial Number	
countryOfOrigin	Country of Origin	
addressNumberPlanner	Planner Number	
buyer	Buyer Number	
supplier	Supplier	
printMessage1	Print Message	
location	Location	
lot99	Lot	
Error	Error Flag	True/False flag telling if there was an error during the service processing
ErrorMessages	Error messages	Message giving more details of an error that occurred.

setIMBranchPlant

Input Fields

Field Name	Description	Req	Notes
actionCode	Action Code	Y	
costCenter	Branch/Plant Code	Y	
ItemNoUnknownFormat	Item Number – Unknown format.	Y	
stockingType	Stocking Type	Y	
glCategory	G/L Class		
lineType	Line Type	Y	

Field Name	Description	Req	Notes
pricingCategory	Item Price Group		
taxableYN	Sales Taxable		
repriceBasketPriceCat	Basket Reprice Group		
taxableYN1	Purchasing Taxable		
orderRepriceCategory	Order Reprice Group		
warrantyItemGroup	Warranty Item Group		
backordersAllowedYN	Backorders Allowed		
serialNumberRequired	Serial No. Required		
checkAvailabilityYN	Check Availability Y/N		
lotStatusCode	Lot Status Code		
shelfLifeDays	Shelf Life Days		
layerCodeSource	Lot Process Type		
abcCode1SalesInv	ABC Codes 1		
abcCode2MarginInv	ABC Codes 2		
abcCode3InvestInv	ABC Codes 3		
allocateByLot	Commitment Method		
marginMaintenancePer	Margin Maintenance (%)		
itemMultipleDates9999	Mix Lots/Serial Number		
countryOfOrigin	Country of Origin		
addressNumberPlanner	Planner Number		
buyer	Buyer Number		
supplier	Supplier		
printMessage1	Print Message		

Field Name	Description	Req	Notes
location	Location		
lot99	Lot		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
costCenter	Branch/Plant Code	
ItemNoUnknown Format	Item Number – Unknown format.	
stockingType	Stocking Type	
glCategory	G/L Class	
lineType	Line Type	
pricingCategory	Item Price Group	
taxableYN	Sales Taxable	
repriceBasketPriceCat	Basket Reprice Group	
taxableYN1	Purchasing Taxable	
orderRepriceCategory	Order Reprice Group	
warrantyItemGroup	Warranty Item Group	
backordersAllowedYN	Backorders Allowed	
serialNumberRequired	Serial No. Required	
checkAvailabilityYN	Check Availability Y/N	
lotStatusCode	Lot Status Code	
shelfLifeDays	Shelf Life Days	
layerCodeSource	Lot Process Type	
abcCode1SalesInv	ABC Codes 1	

Field Name	Description	Notes
abcCode2MarginInv	ABC Codes 2	
abcCode3InvestInv	ABC Codes 3	
allocateByLot	Commitment Method	
marginMaintenancePer	Margin Maintenance (%)	
itemMultipleDates9999	Mix Lots/Serial Number	
countryOfOrigin	Country of Origin	
addressNumberPlanner	Planner Number	
buyer	Buyer Number	
supplier	Supplier	
printMessage1	Print Message	
location	Location	
lot99	Lot	
Error	Error Flag	True/False flag telling if there was an error during the service processing
ErrorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Bulk Product Information

Category	Inventory
Service Description	The Item Master Bulk Product Information service provides a way to retrieve, add, update and delete World Item Bulk Product Information records from File (F41011). The Item Master Bulk Product Information is accessed using the Bulk Item Information application (P41028).
Package	inventory
WSDL	ItemMasterBulkProductInfo.wsdl
Implementation Class	IMBulkProductInfoImpl.java
Implemented Via	RPG Program P41028
Public Operations	getIMBulkProductInfo
	setIMBulkProductInfo

Operations Details

getIMBulkProductInfo

Input Fields

Field Name	Description	Req	Notes
ItemNoUnknown Format	Item Number – Unknown format.	Y	The item number entered can be any of the two following item numbers to retrieve Branch Plant Bulk Information: Product No or Catalog No.
User	User Name	Y	
Password	Password	Y	

Output Fields

Field Name	Description	Notes
itemNoUnknown Format	Item Number – Unknown format.	

Field Name	Description	Notes
productGroupFrom	Product Group	
dispatchGrp	Dispatch Group	
densityTable	Density Table	
standardTempConvTableFor	Temperature Conversion Table	
reportingTemperatureTabl	Reporting Temperature Table	
requiresTemperatureConve	Requires Temp Conversion	
lPGProductYN	LPG Product	
calculateVapour	Calculate Vapour	
density	Density	
densityTypeAtStandardTem	Density Type	
densityTemperature	Density Temperature	
densityTemperatureUnit	Density Temperature Unit	
coefficientofExpansion	Coefficient of Expansion	
temperatureMinimum	Temperature Minimum	
temperatureUnit	Temperature Minimum Unit	
temperatureMaximum	Temperature Maximum	
temperatureUnitMaximum	Temperature Maximum Unit	
densityMinimum	Density Minimum	
densityTypeMinimum	Density Minimum Type	
densityMaximum	Density Maximum	
densityTypeMaximum	Density Maximum. Type	
lPGVapourTemperature	LPG Vapour Temperature	

Field Name	Description	Notes
temperatureUnitLPGVapour	LPG Vapour Temperature Unit	
minimumVolumeCorrectionF	Min Vol Correction Factor	
maximumVolumeCorrectionF	Max Vol Correction Factor	
maximumVolumeCorrectionF	Max Vol Correction Factor User Reserved	
userReservedCode		
userReservedAmount	Amount - User Reserved	
userReservedNumber	Number - User Reserved	
userReservedReference	Reference - User Reserved	
userReservedDate	Date - User Reserved	
reconcileTOB	Reconcile	
Error	Error Flag	True/False flag telling if there was an error during the service processing
ErrorMessages	Error messages	Message giving more details of an error that occurred.

setIMBulkProductInfo

Input Fields

Field Name	Description	Req	Notes
actionCode	Action Code	Y	
ItemNoUnknownFormat	Item Number – Unknown format.	Y	
productGroupFrom	Product Group	Y	
requiresTemperatureConve	Requires Temp Conversion		

Field Name	Description	Req	Notes
densityTable	Density Table		
density	Density		
densityTypeAtStandardTem	Density Type		
densityTemperature	Density Temperature		
densityTemperatureUnit	Density Temperature Unit		
densityMinimum	Density Minimum		
densityTypeMinimum	Density Minimum Type		
densityMaximum	Density Maximum		
densityTypeMaximum	Density Maximum. Type		
standardTempConvTableFor	Temperature Conversion Table		
reportingTemperatureTabl	Reporting Temperature Table		
temperatureMinimum	Temperature Minimum		
temperatureUnit	Temperature Minimum Unit		
temperatureMaximum	Temperature Maximum		
temperatureUnitMaximum	Temperature Maximum Unit		
coefficientofExpansion	Coefficient of Expansion		
lPGProductYN	LPG Product		
calculateVapour	Calculate Vapour		
lPGVapourTemperature	LPG Vapour Temperature		
temperatureUnitLPGVapour	LPG Vapour Temperature Unit		
minimumVolumeCorrectionF	Min Vol Correction Factor		
reconcileTOB	Reconcile		

Field Name	Description	Req	Notes
maximumVolume CorrectionF	Max Vol Correction Factor		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
itemNoUnknown Format	Item Number – Unknown format.	
productGroupFro m	Product Group	
dispatchGrp	Dispatch Group	
densityTable	Density Table	
standardTempCo nvTableFor	Temperature Conversion Table	
reportingTemper atureTabl	Reporting Temperature Table	
requiresTemperat ureConve	Requires Temp Conversion	
lPGProductYN	LPG Product	
calculateVapour	Calculate Vapour	
density	Density	
densityTypeAtSta ndardTem	Density Type	
densityTemperat ure	Density Temperature	
densityTemperat ureUnit	Density Temperature Unit	
coefficientofExpa nsion	Coefficient of Expansion	
temperatureMini mum	Temperature Minimum	
temperatureUnit	Temperature Minimum Unit	

Field Name	Description	Notes
temperatureMaximum	Temperature Maximum	
temperatureUnitMaximum	Temperature Maximum Unit	
densityMinimum	Density Minimum	
densityTypeMinimum	Density Minimum Type	
densityMaximum	Density Maximum	
densityTypeMaximum	Density Maximum. Type	
lPGVapourTemperature	LPG Vapour Temperature	
temperatureUnitLPGVapour	LPG Vapour Temperature Unit	
minimumVolumeCorrectionF	Min Vol Correction Factor	
maximumVolumeCorrectionF	Max Vol Correction Factor	
maximumVolumeCorrectionF	Max Vol Correction Factor User Reserved	
userReservedCode		
userReservedAmount	Amount - User Reserved	
userReservedNumber	Number - User Reserved	
userReservedReference	Reference - User Reserved	
userReservedDate	Date - User Reserved	
reconcileTOB	Reconcile	
Error	Error Flag	True/False flag telling if there was an error during the service processing
ErrorMessages	Error messages	Message giving more details of an error that occurred.

Item Master Cost Revisions

Category	Inventory
Service Description	The Item Master Cost Revisions service provides a way to retrieve and add World item master cost revisions information from the World Cost Ledger File (F4105). (Note: Updates to cost revisions information is not provided). The cost revisions information is accessed using the Cost application (P4105).
Package	inventory
WSDL	ItemMasterCostRevisions.wsdl
Implementation Class	IMCostRevisionsImpl.java
Implemented Via	RPG Program P4105
Public Operations	setItemMasterCostRevisions
	getItemMasterCostRevisions

Operations Details

setItemMasterCostRevisions

Input Fields

Field Name	Description	Req	Notes
itemNumber	Item number	Y	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
costCenter	Cost Center/Business Unit	Y	
location	Location		
lotNumber	Lot Number		
user	User Name	Y	
password	Password	Y	

Field Name	Description	Req	Notes
costingSelectionPurchasing	Purchasing Costing Method		
costingSelectionInventorySales	Sales/Inventory Costing Method		
+itemLocationDetail	Item location detail records		Multiple records can be added to the service
costMethod	Item costing method, UDC (40/CM)	Y	
amountUnitCost	Amount per unit	Y	

Output Fields

Field Name	Description	Notes
itemNumber	Item number	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
costCenter	Cost Center/Business Unit	
location	Location	
lotNumber	Lot Number	
user	User Name	
password	Password	
costingSelectionPurchasing	Purchasing Costing Method	
costingSelectionInventorySales	Sales/Inventory Costing Method	
applicationError	Application error flag	True/False flag telling if there was an error during the service processing
errorMessage	Error message text	Message giving more details of an error that occurred.
itemDescription	Item Description	

Field Name	Description	Notes
+itemLocationDetail	Item location detail records	Multiple records can be added to the service
costMethod	Item costing method, UDC (40/CM)	
amountUnitCost	Amount per unit	

getItemLocation

Input Fields

Field Name	Description	Req	Notes
itemNumber	Item number	Y	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
costCenter	Cost Center/Business Unit	Y	
location	Location		
lotNumber	Lot Number		
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
itemNumber	Item number	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.

Field Name	Description	Notes
costCenter	Cost Center/Business Unit	
location	Location	
lotNumber	Lot Number	
user	User Name	
password	Password	
costingSelectionPurchasing	Purchasing Costing Method	
costingSelectionInventorySales	Sales/Inventory Costing Method	
applicationError	Application error flag	True/False flag telling if there was an error during the service processing
errorMessage	Error message text	Message giving more details of an error that occurred.
itemDescription	Item Description	
+itemLocationDetail	Item location detail records	Multiple records can be added to the service
costMethod	Item costing method, UDC (40/CM)	
amountUnitCost	Amount per unit	

Special Considerations

N/A

Item Master UCC

Category	Inventory
Service Description	The Item Master UCC service provides a way to retrieve and update World Item Master UCC information from the World Item Master Tag UCC File (F4101U). The UCC information is accessed using the Item Master Information - UCC application (P41020).
Package	inventory
WSDL	ItemMasterUCC.wsdl
Implementation Class	IMUCCImpl.java
Implemented Via	RPG Program P41020
Public Operations	setItemMasterUCC
	getItemMasterUCC

Operations Details

setItemMasterUCC

Input Fields

Field Name	Description	Req	Notes
item	Item number	Y	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
user	User Name	Y	
password	Password	Y	
unitOfMeasureUPC	UPC Unit of Measure	Y	Either UPC or SCC Unit of Measure is needed

Field Name	Description	Req	Notes
companyCodeUPC	UPC Company Code	Y	Either UPC or SCC Company Code is needed
itemCodeUPC	UPC Item Code	Y	Either UPC or SCC Item Code is needed
checkDigitUPC	UPC Check Digit	Y	Either UPC or SCC Check Digit is needed
unitOfMeasureSCC	SCC Unit of Measure	Y	Either UPC or SCC Unit of Measure is needed
companyCodeSCC	SCC Company Code	Y	Either UPC or SCC Company Code is needed
itemCodeSCC	SCC Item Code	Y	Either UPC or SCC Item Code is needed
checkDigitSCC	SCC Check Digit	Y	Either UPC or SCC Check Digit is needed
unitOfMeasureAggregateSCC	SCC Aggregate Unit of Measure	N	
unitOfMeasureSCCPI1	SCC (PI=1) Unit of Measure	N	
unitOfMeasureSCCPI2	SCC (PI=2) Unit of Measure	N	
unitOfMeasureSCCPI3	SCC (PI=3) Unit of Measure	N	
unitOfMeasureSCCPI4	SCC (PI=4) Unit of Measure	N	
unitOfMeasureSCCPI5	SCC (PI=5) Unit of Measure	N	
unitOfMeasureSCCPI6	SCC (PI=6) Unit of Measure	N	
unitOfMeasureSCCPI7	SCC (PI=7) Unit of Measure	N	
unitOfMeasureSCCPI8	SCC (PI=8) Unit of Measure	N	

Output Fields

Field Name	Description	Notes
item	Item number	The item number will be displayed according to the defaults in your World system.
applicationError	Application error flag	True/False flag telling if there was an error during the service processing
errorMessage	Error message text	Message giving more details of an error that occurred.
unitOfMeasureUPC	UPC Unit of Measure	
companyCodeUPC	UPC Company Code	
itemCodeUPC	UPC Item Code	
checkDigitUPC	UPC Check Digit	
unitOfMeasureSCC	SCC Unit of Measure	
companyCodeSCC	SCC Company Code	
itemCodeSCC	SCC Item Code	
checkDigitSCC	SCC Check Digit	
unitOfMeasureAggregateSCC	SCC Aggregate Unit of Measure	
unitOfMeasureSCCPI1	SCC (PI=1) Unit of Measure	
unitOfMeasureSCCPI2	SCC (PI=2) Unit of Measure	
unitOfMeasureSCCPI3	SCC (PI=3) Unit of Measure	
unitOfMeasureSCCPI4	SCC (PI=4) Unit of Measure	
unitOfMeasureSCCPI5	SCC (PI=5) Unit of Measure	
unitOfMeasureSCCPI6	SCC (PI=6) Unit of Measure	
unitOfMeasureSCCPI7	SCC (PI=7) Unit of Measure	
unitOfMeasureSCCPI8	SCC (PI=8) Unit of Measure	

Field Name	Description	Notes
UCC_GTIN_Number SCC	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI1	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI1	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI2	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI3	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI4	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI5	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI6	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI7	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI8	Generated GTIN Number using the UPC or SCC codes	

getItemMasterUCC

Input Fields

Field Name	Description	Req	Notes
item	Item number	Y	The item number should be input according to the defaults in your World system. If the default is the second item number, that should be entered. Other item numbers can be entered with the valid prefix value.
user	User Name	Y	
password	Password	Y	

Output Fields

Field Name	Description	Notes
item	Item number	The item number will be displayed according to the defaults in your World system.
applicationError	Application error flag	True/False flag telling if there was an error during the service processing
errorMessage	Error message text	Message giving more details of an error that occurred.
unitOfMeasureUPC	UPC Unit of Measure	
companyCodeUPC	UPC Company Code	
itemCodeUPC	UPC Item Code	
checkDigitUPC	UPC Check Digit	
unitOfMeasureSCC	SCC Unit of Measure	
companyCodeSCC	SCC Company Code	
itemCodeSCC	SCC Item Code	
checkDigitSCC	SCC Check Digit	
unitOfMeasureAggregateSCC	SCC Aggregate Unit of Measure	
unitOfMeasureSCCPI1	SCC (PI=1) Unit of Measure	
unitOfMeasureSCCPI2	SCC (PI=2) Unit of Measure	
unitOfMeasureSCCPI3	SCC (PI=3) Unit of Measure	
unitOfMeasureSCCPI4	SCC (PI=4) Unit of Measure	
unitOfMeasureSCCPI5	SCC (PI=5) Unit of Measure	
unitOfMeasureSCCPI6	SCC (PI=6) Unit of Measure	
unitOfMeasureSCCPI7	SCC (PI=7) Unit of Measure	
unitOfMeasureSCCPI8	SCC (PI=8) Unit of Measure	
UCC_GTIN_NumberSCC	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI1	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI1	Generated GTIN Number using the UPC or SCC codes	

Field Name	Description	Notes
UCC_GTIN_PI2	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI3	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI4	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI5	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI6	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI7	Generated GTIN Number using the UPC or SCC codes	
UCC_GTIN_PI8	Generated GTIN Number using the UPC or SCC codes	

Special Considerations

The Set service only supports a change action. Deletes and add actions are not supported.

Appendix A – Processing Options

Processing Options

The following table lists the applications and DREAM Writer versions used by
Service Enablement. If the processing options are changed for any of these versions,
it might cause the processing of the Web services to fail. Proceed with caution if you
choose to change any of these versions.

Description	Form ID	Version No
Item Master Information - Revisions	P4101	ZJDES001
Address Book Information	P01051	ZJDES001
A/R Information	P01053	ZJDES001
Accounts Payable Information	P01054	ZJDES001
Address Revisions	P0116	ZJDES001
Asset Master Information	P1201	ZJDES001
Item Cost Summary	P122101	ZJDES001
Text Messages Review	P4016	ZJDES001
Text Messages Review	P4016	ZJDES002
Non-Stock Item Master Information - Revisions	P4101N	ZJDES001
Item Master Information - Manufacturing Data	P41013	ZJDES001
Item Branch Information - Revisions	P41026	ZJDES001
Item Branch Information - Manufacturing Data	P41027	ZJDES001
Item Cost Revisions	P4105	ZJDES001
Item Availability Summary	P41202	ZJDES001
Process Batch Journal Entries	P09110Z	XJDES001
Batch Order Edit and Creation - Sales	P40211Z	XJDES001
Batch Order Edit and Creation - Sales	P40211Z	XJDES002
EDI Purchase Order Change Edit/Create	P471311	XJDES001
EDI Purchase Order Change Edit/Create	P471311	XJDES002
Purchase Order Batch Entry Edit Object	P471411	XJDES001

Description	Form ID	Version No
Purchase Order Batch Entry Edit Object	P471411	XJDES002
Accounts by Business Unit	P0901	ZJDES001

Appendix B – List of Web Services

List of Web Services

The following are the individual Web services provided with World A9.2 Service Enablement.

Accounts Payable	Supplier_V2
Accounts Receivable	Customer_V2
Address Book	AddressBook_V2
	BankAccount_V2
	ContactAddresses_V2
	ContactPhones_V2
	ContactV2
	EmailAddress_V2
	RelatedAddressV2
	SocioEconomic_V2
Distribution	CustomerServiceInquiry
	PurchaseOrder
	SalesHistoryInquiry
	SalesOrder
	SummaryOfAvailability_V2
Financials	EquipmentCostDetail
	FixedAssetMaster_V2
	GLSingleAccountRevisions_V2
	JournalEntry
	PaymentTerms
Inventory	BasePrice
	ItemLocation
	ItemMaster
	ItemMasterBranchPlantBulkItemInfo
	ItemMasterBranchPlantClassCodes
	ItemMasterBranchPlantLot
	ItemMasterBranchPlantLotRevisions
	ItemMasterBranchPlantManufacturingData
	ItemMasterBranchPlantQuantities
	ItemMasterBranchPlantRevisions

		ItemMasterBulkProductInfo
		ItemMasterClassCodes
		ItemMasterCostRevisions
		ItemMasterDefaultUnitOfMeasure
		ItemMasterLotSNSetup
		ItemMasterManufacturingData
		ItemMasterUCC
		UnitOfMeasureBulkConversion
		UnitOfMeasureConversion
		UnitOfMeasureItemConversion
		BasePrice
	Utilities	AccountValidation
		AddressBookMaster
		BatchControl
		BusinessUnitMaster
		CurrencyConversion
		DateConversion
		EmployeeMaster
		FormatData
		GLDate
		ManufacturingDistributionAAI
		NextNumber
		SubledgerEdit
		UserDefinedCodes
		WorkOrder