

1 Technical Documentation

- 1.1 [Advanced Framework Transcription Work Plan](#)
- 1.2 [Apache OFBiz Technical Production Setup Guide](#)
- 1.3 [Comprehensive OFBiz Training Outlines](#)
 - 1.3.1 [Advanced Framework Course](#)
 - 1.3.2 [Business Applications Overview for Developers](#)
 - 1.3.3 [Business Level Technical Overview](#)
 - 1.3.4 [Configuration, Deployment and Maintenance](#)
 - 1.3.5 [Framework Introduction Course](#)
 - 1.3.6 [Open Source for Business Seminar](#)
 - 1.3.7 [Planning for Projects Based on OFBiz](#)
- 1.4 [Data Model](#)
 - 1.4.1 [General Entity Overview](#)
 - 1.4.2 [OFBiz's Tax Authority Data Model](#)
- 1.5 [Framework Introduction Videos and Diagrams](#)
- 1.6 [Internationalization](#)
 - 1.6.1 [Calendars, Dates, and Times](#)
 - 1.6.2 [Currency](#)
 - 1.6.3 [Text Translation](#)
- 1.7 [OFBiz Customized BeanShell Source \(with ParsedScript object\)](#)
- 1.8 [OFBiz security](#)
 - 1.8.1 [Content management security \(not reviewed\)](#)
 - 1.8.2 [Data Driven Security \(not reviewed\)](#)
 - 1.8.3 [How to secure your deployment](#)
 - 1.8.4 [Notes on security by David Jones](#)
 - 1.8.5 [Security Services - Developer](#)
- 1.9 [OFBiz Security Redesign](#)
 - 1.9.1 [Access Control Scenario Five](#)
 - 1.9.2 [Access Control Scenario Four](#)
 - 1.9.3 [Access Control Scenario One](#)
 - 1.9.4 [Access Control Scenario Six](#)
 - 1.9.5 [Access Control Scenario Three](#)
 - 1.9.6 [Access Control Scenario Two](#)
 - 1.9.7 [Authorization Manager Implementation Details](#)
- 1.10 [Replace deprecated methods and constructors of entity delegator classes](#)
- 1.11 [Revisions Requiring Data Migration](#)
- 1.12 [Run OFBiz under outside Application Servers](#)
 - 1.12.1 [Geronimo & IBM Websphere Application Server Community Edition](#)
 - 1.12.2 [Glassfish v2.1](#)
 - 1.12.3 [JBoss 4.2.2](#)
 - 1.12.4 [Tomcat](#)
- 1.13 [Service Engine Guide](#)
- 1.14 [Simple Method Cleanup Effort \(Done\)](#)
- 1.15 [Unified Expression Language \(JSR-245\) in OFBiz](#)
- 1.16 [Using Service Stream Handler](#)

2 Ofbiz Open Wiki

- 2.1 [About Apache Software Foundation Licence and more...](#)
- 2.2 [Accounting Module](#)
 - 2.2.1 [Accounting Manager](#)
 - 2.2.1.1 [Payment Services](#)
 - 2.2.2 [Accounting Module de DE](#)
 - 2.2.3 [Accounting Terms Glossary](#)
 - 2.2.3.1 [Accounting Terms Glossary de DE](#)
 - 2.2.4 [Chart of Accounts Setup](#)
 - 2.2.5 [Default Accounting Transactions](#)
 - 2.2.6 [MISC Accounting Links](#)
 - 2.2.7 [Quick Start - Basic Accounting Setup](#)
- 2.3 [Add Start-Stop stop-watch on Task summary page](#)
- 2.4 [Apache OFBiz Service Providers](#)
 - 2.4.1 [www.cultureshockmedia.com](#)
- 2.5 [Apache OFBiz Users](#)

- 2.5.1 [Apache OFBiz User List](#)
 - 2.5.1.1 [eperiumindia.com goes live over ofbiz](#)
 - 2.5.1.2 [OFBizUsersFAQPage](#)
- 2.5.2 [Apache OFBiz User Stories](#)
- 2.5.3 [Is OFBiz for Me](#)
- 2.6 [Beginner's Guide to the Manufacturing Process](#)
- 2.7 [Browsers and other Statistics](#)
- 2.8 [Catalog Module](#)
 - 2.8.1 [Creating Configurable Products](#)
 - 2.8.1.1 [Creating Your Own Configurable Product](#)
 - 2.8.1.2 [Demo PC001 walk through](#)
 - 2.8.1.2.1 [Demo Data that is loaded at install.](#)
 - 2.8.1.2.2 [Steps to process a Configurable Product](#)
 - 2.8.1.2.2.1 [Using the manufacturing Module](#)
 - 2.8.1.2.2.2 [using the OrderMgr](#)
 - 2.8.1.2.3 [using the UI to add the PC001](#)
 - 2.8.1.3 [Getting Started with Product with Add-on products as Features.](#)
 - 2.8.1.4 [OverView](#)
 - 2.8.1.5 [Prerequisite](#)
 - 2.8.2 [Demo Logins for Catalog](#)
 - 2.8.3 [Top level Menus for Catalog](#)
- 2.9 [Credit Card 3D Secure Authentication Integration with ofbiz](#)
- 2.10 [Customizing the Dashboard](#)
- 2.11 [Dictionary for French translations](#)
- 2.12 [End User Documentation de DE](#)
 - 2.12.1 [Content Manager Hilfe ansehen](#)
 - 2.12.1.1 [01 - Webseiten](#)
 - 2.12.1.2 [02 - Befragung](#)
 - 2.12.1.3 [03 - Forum](#)
 - 2.12.1.4 [04 - Blog](#)
 - 2.12.1.5 [05 - Inhalt](#)
 - 2.12.1.6 [06 - Datenressource](#)
 - 2.12.1.7 [07 - Inhalt Konfiguration](#)
 - 2.12.1.8 [08 - Datenressource Konfiguration](#)
 - 2.12.1.9 [09 - Vorlage](#)
 - 2.12.1.10 [10 - CMS](#)
 - 2.12.1.11 [11 - Zusammengesetztes Document \(CompDoc\)](#)
- 2.13 [FAQ - Tips - Tricks - Cookbook - HowTo](#)
 - 2.13.1 [Add a WAR file](#)
 - 2.13.2 [Amazon Interface notes.](#)
 - 2.13.3 [Ant Script to build new ofbiz self cert](#)
 - 2.13.4 [Asset Maintenance Setup](#)
 - 2.13.5 [Code Snippets](#)
 - 2.13.6 [Eclipse Tips](#)
 - 2.13.6.1 [Mylyn \(was Mylar\)](#)
 - 2.13.6.2 [Plugins](#)
 - 2.13.6.3 [Running and Debugging OFBiz in Eclipse](#)
 - 2.13.7 [Example to Generate XML Product Data from Excel Template Using POI](#)
 - 2.13.8 [Export Ofbiz Services that use complex type parameters via SOAP using AXIS2](#)
 - 2.13.9 [Export to Excel](#)
 - 2.13.10 [FAQ Why do I have to login when there is a externalLoginKey](#)
 - 2.13.11 [Fedex Integration](#)
 - 2.13.11.1 [Copy of to use Fedex in the shipping componet](#)
 - 2.13.11.2 [to use Fedex for shipping quotes](#)
 - 2.13.11.3 [to use Fedex in the shipping componet](#)
 - 2.13.12 [Geo Entities and Usage](#)
 - 2.13.12.1 [Geo Location](#)
 - 2.13.13 [Glossary](#)
 - 2.13.14 [Handling of External data](#)
 - 2.13.15 [How to configure authorize.net certificates](#)
 - 2.13.15.1 [Authroize.net Configuration in Ofbiz Application](#)

- 2.13.16 [How to display all information of a single party](#)
- 2.13.17 [How to use SVK for creating local SVN repositories](#)
- 2.13.18 [Magnolia CMS Integration Guide](#)
- 2.13.19 [OAGIS](#)
- 2.13.20 [OFBiz in Netbeans 6](#)
- 2.13.21 [Physical Architecture patterns for OFBiz](#)
- 2.13.22 [Promotions](#)
- 2.13.23 [Subscription](#)
- 2.13.24 [The horizontal menu in the right column is causing the HTML elements below it to drop down to the bottom of the screen](#)
- 2.13.25 [Tips & Tricks while working with Groovy](#)
- 2.13.26 [Tips for UI labels translation](#)
- 2.13.27 [Using excel to build vars and map methods for a class from services page.](#)
- 2.13.28 [Using Website and Productstore for External sites.](#)
- 2.13.29 [Which variables are available in screen context?](#)
- 2.14 [Go to Content Manager help](#)
- 2.15 [Guide to OFBiz-i18n, Internationalisation of OFBiz](#)
- 2.16 [Home](#)
 - 2.16.1 [Applications](#)
 - 2.16.1.1 [Accounting](#)
 - 2.16.1.1.1 [accounting.payment Data Model](#)
 - 2.16.1.1.2 [Billing Account](#)
 - 2.16.1.1.3 [Complete the implementation of the Accounting component \(GL\)](#)
 - 2.16.1.1.3.1 [GL auto posting services](#)
 - 2.16.1.2 [Complete implementation of Asset Management application](#)
 - 2.16.1.3 [Complete implementation of HR application](#)
 - 2.16.1.3.1 [HR User Manual](#)
 - 2.16.1.4 [Complete the implementation of the ProjectMgr component.](#)
 - 2.16.1.5 [Copy of Complete implementation of Asset Management application](#)
 - 2.16.1.6 [CRM Sales Force Automation Plan](#)
 - 2.16.1.7 [eBay Integration](#)
 - 2.16.1.8 [eCommerce Enhancements](#)
 - 2.16.1.9 [Google Base Integration](#)
 - 2.16.1.10 [Google Checkout Integration](#)
 - 2.16.1.11 [Party](#)
 - 2.16.1.11.1 [Extending PostalAddress Information](#)
 - 2.16.1.11.1.1 [Address line entity](#)
 - 2.16.1.11.1.2 [Address Schema Change Proposal](#)
 - 2.16.1.11.1.3 [Direction Lines Entity](#)
 - 2.16.1.11.1.4 [Premises Entity related to Postal Address](#)
 - 2.16.1.11.1.5 [Proposed Implementation of extended Postal Addressing](#)
 - 2.16.1.11.1.5.1 [Implementation of extended Postal Addressing Phase I](#)
 - 2.16.1.11.1.5.2 [Implementation of extended Postal Addressing Phase II](#)
 - 2.16.1.11.1.5.3 [Implementation of extended Postal Addressing Phase III](#)
 - 2.16.1.12 [Placing Order Through GoogleCheckout](#)
 - 2.16.1.13 [POS System](#)
 - 2.16.1.13.1 [How to setup the Epson JavaPOS ?](#)
 - 2.16.1.13.1.1 [JavaPOS USB For EPSON TM-U220D Printer Device Service](#)
 - 2.16.1.13.2 [Sync Setup Notes and Example](#)
 - 2.16.1.14 [Pre-Canned Solution for IT Services company](#)
 - 2.16.1.14.1 [Chart of Accounts for Services Company](#)
 - 2.16.1.15 [Recruitment application](#)
 - 2.16.2 [Feature Proposals](#)
 - 2.16.2.1 [Saved Searches](#)
 - 2.16.3 [HarmeetDocLinks](#)
 - 2.16.4 [Miscellaneous](#)
 - 2.16.4.1 [OFBiz 4.X and next...](#)
 - 2.16.4.1.1 [4.x Proposed Roadmap Items](#)
 - 2.16.5 [Misc Pages - Technical](#)
 - 2.16.5.1 [Asterisk PBX Server Integration](#)
 - 2.16.5.2 [Back Office Applications UI Refactor](#)

- [2.16.5.2.1 Menu Widget Refactor Guidelines](#)
 - [2.16.5.2.2 Misc UI Refactor Guidelines 2](#)
 - [2.16.5.2.3 Misc UI Refactor Guidelines 3](#)
 - [2.16.5.2.4 OFBiz maincss.css HTML Element Collection Styles](#)
 - [2.16.5.3 Connecting OFBiz to PostGIS spatially-enabled database](#)
 - [2.16.5.4 Data Model Packages](#)
 - [2.16.5.4.1 Accounts, Transactions, Payments](#)
 - [2.16.5.4.2 Communication Events](#)
 - [2.16.5.4.3 Content Associations](#)
 - [2.16.5.4.4 Customer Store Relationship](#)
 - [2.16.5.4.5 Inventory Variance](#)
 - [2.16.5.4.6 Marketing Campaign](#)
 - [2.16.5.4.7 Orders, Taxes, Billing, Payment](#)
 - [2.16.5.4.8 Party Relationship](#)
 - [2.16.5.4.9 Product Pricing](#)
 - [2.16.5.4.10 Star Schema - Order Fact Source](#)
 - [2.16.5.4.11 Star Schema - Party Dimension Source](#)
 - [2.16.5.5 Dictionary for Danish translations](#)
 - [2.16.5.6 Dictionary for translations to German](#)
 - [2.16.5.6.1 Dictionary for Dutch translations](#)
 - [2.16.5.7 email \(java mail and Communications Events\)](#)
 - [2.16.5.7.1 Communications Events UI refactored](#)
 - [2.16.5.7.2 Java Mail Refactor](#)
 - [2.16.5.8 Entity Engine DB2 Express-C integration](#)
 - [2.16.5.9 Entity Engine LDAP Integration](#)
 - [2.16.5.10 Exceptions to Best Practices Approach](#)
 - [2.16.5.10.1 partyId as foreign key outside of Role entities](#)
 - [2.16.5.11 Framework Indepence Changes OSS Patches](#)
 - [2.16.5.12 How to Run OFBiz as Windows Service with Java Service Wrapper](#)
 - [2.16.5.12.1 How to run OFBiz as a Service](#)
 - [2.16.5.13 Key-Work Ofbiz Contribution Proposal](#)
 - [2.16.5.14 Load OpenI \(Mondrian Implementation\) under OFBiz](#)
 - [2.16.5.15 Mini-Language Guide](#)
 - [2.16.5.16 Notes on XSL-FO in OFBiz](#)
 - [2.16.5.17 Ofbiz as a development framework](#)
 - [2.16.5.18 Understanding the OFBiz Widget Toolkit](#)
 - [2.16.5.19 user friendly XLS, CSV import and export integration](#)
 - [2.16.5.20 Webtools Wishlist](#)
 - [2.16.5.21 Working with multiple databases](#)
 - [2.16.5.22 ZK Rich Client - integration tutorial](#)
 - [2.16.6 Online Developers Section](#)
 - [2.16.6.1 Git for committers](#)
 - [2.16.6.2 Plugin search tools for Firefox using Nabble or Mark Mail](#)
 - [2.16.6.3 SVN Tips - MS Vendor Branch](#)
 - [2.16.6.4 SVN Tips - svn load dirs Vendor Branch](#)
 - [2.16.7 Requirements gathering](#)
 - [2.16.7.1 Configurable Dashboard](#)
 - [2.16.7.2 Financial requirements](#)
 - [2.16.7.2.1 How to process bank statements](#)
 - [2.16.7.2.2 VAT](#)
 - [2.16.7.3 Proposal for Plane, Bus, Restaurant and Cinema Seats](#)
 - [2.16.8 Sandbox](#)
 - [2.16.8.1 How to localize Product and Categories descriptions](#)
 - [2.16.8.2 MySQL Issues](#)
 - [2.16.8.2.1 MySQL JDBC 3.3+](#)
 - [2.16.8.2.2 Sub Second TimeStamp Not Supported for Storage](#)
 - [2.16.8.3 OFBiz Applications User Manual](#)
 - [2.16.8.3.1 Catalogs](#)
 - [2.16.9 Screen and Form Widget Enhancements](#)
 - [2.16.9.1 Enhancing Display Widget to use Ajax.InPlaceEditor](#)
 - [2.16.9.2 Enhancing DropDown Widget with Ajax Autocompletion Feature](#)

- 2.16.10 [Trash Can](#)
 - 2.16.10.1 [Application Reference for Users](#)
 - 2.16.10.1.1 [Application Reference for Manufacturing Manager Application \(Tab\)](#)
 - 2.16.10.1.1.1 [Create a Production Run](#)
 - 2.16.10.1.1.2 [Lookup](#)
 - 2.16.10.1.2 [User Reference for Accounting Manager Application \(Tab\)](#)
 - 2.16.10.1.2.1 [User Reference for Accounting Manager - Agreements \(Tab\)](#)
 - 2.16.10.2 [Application Screen Reference](#)
 - 2.16.10.2.1 [Accounting Screens Reference](#)
 - 2.16.10.2.1.1 [Accounting - Main Tab Screen Reference](#)
 - 2.16.10.2.1.2 [Agreement Item Promotions Screen Reference](#)
 - 2.16.10.2.1.3 [Agreements Screen Reference](#)
 - 2.16.10.2.1.3.1 [Agreements Items Screen Reference](#)
 - 2.16.10.2.1.3.2 [Create and Edit Agreement Screen Reference](#)
 - 2.16.10.2.1.3.2.1 [Agreement Terms Screen Reference](#)
 - 2.16.10.2.1.3.3 [Find Agreements Screen Reference](#)
 - 2.16.10.2.1.4 [Billing Accounts Screen Reference](#)
 - 2.16.10.2.1.5 [Chart of Accounts - Global GL Screen Reference](#)
 - 2.16.10.2.1.6 [Create and Edit Billing Account Screen Reference](#)
 - 2.16.10.2.1.7 [Fixed Assets Screen Reference](#)
 - 2.16.10.2.1.8 [Invoices Screen Reference](#)
 - 2.16.10.2.1.9 [Main Tab](#)
 - 2.16.10.2.1.9.1 [Conventions in this document](#)
 - 2.16.10.2.1.9.2 [General Notice of Caution](#)
 - 2.16.10.2.1.10 [Payements Screen Reference](#)
 - 2.16.10.3 [CATALOG](#)
 - 2.16.10.3.1 [Browse Catalogs](#)
 - 2.16.10.3.2 [Browse Categories](#)
 - 2.16.10.3.3 [Catalog Administration Main Page](#)
 - 2.16.10.3.4 [Catalog - Edit Product Catalog screens](#)
 - 2.16.10.3.5 [Category - Edit Category screens](#)
 - 2.16.10.3.6 [Category Products](#)
 - 2.16.10.3.7 [Introduction](#)
 - 2.16.10.3.8 [Search Products](#)
 - 2.16.10.3.9 [Tab - Catalog Features](#)
 - 2.16.10.4 [Link Party](#)
 - 2.17 [Import Data Using Apache POI api](#)
 - 2.18 [Main New Features](#)
 - 2.18.1 [Feature summary](#)
 - 2.18.2 [Main New Features in 2007](#)
 - 2.18.3 [Main New Features in 2008](#)
 - 2.19 [Notes on New Security Model](#)
 - 2.20 [ofbiz.apache.org New Site Plan](#)
 - 2.21 [OFBiz Demo Servers](#)
 - 2.22 [OFBiz Tutorial - A Beginners Development Guide](#)
 - 2.23 [Open Source Projects and Standards](#)
 - 2.24 [Order Module](#)
 - 2.24.1 [Demo Logins for Ordermgr](#)
 - 2.24.2 [Find Orders](#)
 - 2.24.3 [Order Entry](#)
 - 2.24.3.1 [Visual Purchase Order](#)
 - 2.24.4 [Order List](#)
 - 2.24.5 [Order Tasks](#)
 - 2.24.6 [Quotes](#)
 - 2.24.7 [Reports](#)
 - 2.24.8 [Requests](#)
 - 2.24.9 [Requirements](#)
 - 2.24.10 [Returns](#)
 - 2.24.11 [Stats](#)
 - 2.24.12 [Top level Menus](#)
 - 2.25 [Party Module](#)

- 2.25.1 [How to Add an Employee](#)
- 2.25.2 [How to Login](#)
- 2.25.3 [How to Setup a Company](#)
- 2.25.4 [Screens](#)
 - 2.25.4.1 [Address Match Map](#)
 - 2.25.4.2 [Classifications](#)
 - 2.25.4.3 [Communications](#)
 - 2.25.4.4 [Invitation](#)
 - 2.25.4.5 [Parties](#)
 - 2.25.4.5.1 [Create new party](#)
 - 2.25.4.6 [Security](#)
 - 2.25.4.7 [Visits](#)
- 2.26 [Process Order Path](#)
- 2.27 [Product Promotion Example](#)
- 2.28 [Project cost estimation](#)
- 2.29 [Purchase Order](#)
- 2.30 [Reports for Project Management component](#)
- 2.31 [school](#)
- 2.32 [User details fetcher](#)
- 2.33 [Visual Themes Gallery](#)
 - 2.33.1 [smoothfeather.zip](#)
 - 2.33.2 [Visual Themes - How to](#)
- 3 End-user documentation
 - 3.1 [Agreements Price Lists](#)
 - 3.2 [Apache OFBiz Business Setup Guide](#)
 - 3.3 [End User Documentation](#)
 - 3.3.1 [Help for providing help content](#)
 - 3.3.2 [Human Resource Manager help](#)
 - 3.3.2.1 [Global HR Settings](#)
 - 3.3.2.1.1 [HR-Edit Training Types](#)
 - 3.3.2.2 [HR-Training Calendar](#)
 - 3.3.2.2.1 [Training Approval](#)
 - 3.3.3 [My Portal](#)
 - 3.3.3.1 [Manage My Portal](#)
 - 3.3.3.2 [System Info Notes Portlet](#)
 - 3.4 [OFBiz's Data File Tools](#)
 - 3.5 [OFBiz End User Docs Home](#)
 - 3.5.1 [Areas Being Worked On](#)
 - 3.5.2 [High Level End-to-End Processes](#)
 - 3.5.2.1 [Sales Order End-to-End Process](#)
 - 3.5.2.1.1 [3.1 Order Entry](#)
 - 3.5.2.1.2 [3.2 Sales Order Entry](#)
 - 3.5.2.1.2.1 [3.2.1 Ecommerce Entry Path](#)
 - 3.5.2.1.2.2 [3.2.2 Order Manager Path](#)
 - 3.5.2.1.3 [3.3 Order Acceptance and Approval](#)
 - 3.5.2.1.4 [3.4 Accounting Element](#)
 - 3.5.2.1.5 [3.5 Returns](#)
 - 3.5.3 [Manager References](#)
 - 3.5.3.1 [Accounting Manager](#)
 - 3.5.3.1.1 [01 Main](#)
 - 3.5.3.1.2 [02 Invoices](#)
 - 3.5.3.1.3 [03 Payments](#)
 - 3.5.3.1.4 [04 Transactions](#)
 - 3.5.3.1.5 [05 Payment Gateway Config](#)
 - 3.5.3.1.6 [06 Billing Accounts](#)
 - 3.5.3.1.7 [07 Financial Accounts](#)
 - 3.5.3.1.8 [08 Tax Authorities](#)
 - 3.5.3.1.9 [09 Agreements](#)
 - 3.5.3.1.10 [10 Fixed Assets](#)
 - 3.5.3.1.11 [11 Global GL Settings](#)
 - 3.5.3.1.12 [12 Organization GL Settings](#)

- 3.5.3.2 [Catalog](#)
 - 3.5.3.2.1 [01 Introduction](#)
 - 3.5.3.2.2 [02 Search Products](#)
 - 3.5.3.2.3 [03 Browse Catalogs](#)
 - 3.5.3.2.4 [04 Browse Categories](#)
 - 3.5.3.2.5 [05 Category Products](#)
 - 3.5.3.2.6 [06 Main- Catalog Administration Main Page](#)
 - 3.5.3.2.7 [07 Catalog - Edit Product Catalog screens](#)
 - 3.5.3.2.8 [08 Category - Edit Category screens](#)
 - 3.5.3.2.9 [09 Product - new Product or edit](#)
 - 3.5.3.2.10 [10. Promotions](#)
- 3.5.3.3 [My Page](#)
- 3.5.3.4 [Project Manager](#)
- 3.5.3.5 [Work Effort](#)
 - 3.5.3.5.1 [iCalendar Integration](#)
- 3.5.4 [Role-Oriented Task Instructions for Users](#)
 - 3.5.4.1 [Content Manager Role](#)
 - 3.5.4.1.1 [Adding Organization and Structure with Content](#)
 - 3.5.4.1.2 [Content Management Overview](#)
 - 3.5.4.1.3 [Content Permission Scheme](#)
 - 3.5.4.1.4 [Creating, Finding and Managing Data Resources](#)
 - 3.5.4.1.5 [Creating a Blog](#)
 - 3.5.4.1.6 [Linking to Content in a Webapp](#)
 - 3.5.4.2 [Customer Service Representative Role](#)
 - 3.5.4.2.1 [Create & Authorize Return](#)
 - 3.5.4.2.2 [Create a Purchase Order](#)
 - 3.5.4.2.3 [Create a Sales Order](#)
 - 3.5.4.2.4 [Credits, Refunds, etc.](#)
 - 3.5.4.2.5 [Find and Edit Customer](#)
 - 3.5.4.2.6 [Find and Edit Order](#)
 - 3.5.4.2.7 [Finding Product Inventory Information](#)
 - 3.5.4.2.8 [Find Product Information](#)
 - 3.5.4.2.9 [Party \(Customer\) Communication](#)
 - 3.5.4.2.10 [Visual Create and Authorize Returns \(RMA\)](#)
 - 3.5.4.2.11 [Visual Create a Sales Order](#)
 - 3.5.4.2.12 [Visual Find and Edit Customers](#)
 - 3.5.4.2.13 [Visual Find and Edit Orders](#)
 - 3.5.4.3 [Fulfillment with Picker & Packer Roles](#)
 - 3.5.4.3.1 [Order Picking](#)
 - 3.5.4.3.2 [Packing and Shipping](#)
 - 3.5.4.3.3 [Visual Create and Manage Picklists](#)
 - 3.5.4.3.4 [Visual Pack and Ship Orders](#)
 - 3.5.4.4 [Marketing Manager Role](#)
 - 3.5.4.4.1 [Create and Maintain Contact Lists](#)
 - 3.5.4.4.2 [Create and Maintain Marketing Campaigns](#)
 - 3.5.4.4.3 [Create and Maintain Tracking Codes](#)
 - 3.5.4.4.4 [Send Bulk Email for Contact List](#)
 - 3.5.4.4.5 [Visual Create and Maintain Contact Lists](#)
 - 3.5.4.4.6 [Visual Tracking Codes](#)
 - 3.5.4.5 [Product and Catalog Information Manager Role](#)
 - 3.5.4.5.1 [Configurations](#)
 - 3.5.4.5.2 [Price Rules](#)
 - 3.5.4.5.3 [Product Categories](#)
 - 3.5.4.5.4 [Product Features](#)
 - 3.5.4.5.5 [Products](#)
 - 3.5.4.5.6 [Product Stores](#)
 - 3.5.4.5.7 [Promotions](#)
 - 3.5.4.5.8 [Reviews](#)
 - 3.5.4.5.9 [Thesaurus](#)
 - 3.5.4.5.10 [Working with the Catalog Manager](#)
 - 3.5.4.6 [Project Manager Application Roles](#)

- 3.5.4.7 [Warehouse Manager Role](#)
 - 3.5.4.7.1 [Inventory Transfer](#)
 - 3.5.4.7.2 [Physical Inventory Adjustment](#)
 - 3.5.4.7.3 [Receive Inventory - Product Specific](#)
 - 3.5.4.7.4 [Receive Other Shipment](#)
 - 3.5.4.7.5 [Receive Purchase Order](#)
 - 3.5.4.7.6 [Receive Return](#)
 - 3.5.4.7.7 [Stock Move \(Intra-Facility\)](#)
 - 3.5.4.7.8 [Visual Inventory Transfers](#)
 - 3.5.4.7.9 [Visual Physical Inventory Adjustment](#)
 - 3.5.4.7.10 [Visual Receive Returns](#)
- 3.6 [OFBiz in a service and project oriented company](#)
- 3.7 [Undersun Doc Site PDF Exports](#)
- 4 Requirements & Design
 - 4.1 [Home](#)
 - 4.1.1 [OFBiz EZBiz](#)
 - 4.1.1.1 [EZBiz Main](#)
 - 4.1.1.1.1 [Company Overview](#)
 - 4.1.1.1.2 [Quick Setup](#)
 - 4.1.1.1.3 [Reports Main](#)
 - 4.1.1.2 [Select Company](#)
 - 4.1.1.2.1 [New Company Setup](#)
 - 4.1.2 [Open Standards for OFBiz](#)
 - 4.1.3 [Project Management Concept Design](#)
 - 4.1.3.1 [HiveMind Actors and Stories](#)
 - 4.1.3.2 [HiveMind Screen Outline](#)
 - 4.1.3.3 [HiveMind User Manual](#)
 - 4.1.4 [Resources with Information about General Business Processes](#)
 - 4.1.5 [Universal Business Process Library Index](#)
 - 4.1.5.1 [Accountant Receives Invoice and Sends Payment](#)
 - 4.1.5.2 [Accountant Sends Invoice and Receives Payment](#)
 - 4.1.5.3 [Actor Definitions](#)
 - 4.1.5.4 [Bank Reconciliation](#)
 - 4.1.5.5 [Buyer Places Purchase Order](#)
 - 4.1.5.6 [Carrier Does Not Deliver Shipment to Customer](#)
 - 4.1.5.7 [Carrier Returns Undeliverable Shipment to Company](#)
 - 4.1.5.8 [Communicate Product Information](#)
 - 4.1.5.9 [Company Approves Sales Order](#)
 - 4.1.5.10 [Company Fulfills Sales Order](#)
 - 4.1.5.11 [Company Processes Return Received](#)
 - 4.1.5.12 [Create Sales Order from Quote](#)
 - 4.1.5.13 [Customer Cancels Order](#)
 - 4.1.5.14 [Customer Creates and Edits Account \(Profile\)](#)
 - 4.1.5.15 [Customer Finds Product](#)
 - 4.1.5.16 [Customer Returns Product](#)
 - 4.1.5.17 [Customer Reviews Order History and Status](#)
 - 4.1.5.18 [Inventory Mover Checks Physical Inventory](#)
 - 4.1.5.19 [Inventory Mover does Stock Move](#)
 - 4.1.5.20 [Inventory Mover Puts Away Inventory](#)
 - 4.1.5.21 [Marketer Maintains General Site Content](#)
 - 4.1.5.22 [Paying Invoices](#)
 - 4.1.5.23 [Pay Invoices \(AP\)](#)
 - 4.1.5.24 [Placing Customer Adds Product to Cart](#)
 - 4.1.5.25 [Placing Customer Places a Sales Order \(Online Checkout\)](#)
 - 4.1.5.26 [Placing Customer Places a Sales Order \(Through CSR\)](#)
 - 4.1.5.27 [Placing Customer Places a Sales Order \(Through EBay\)](#)
 - 4.1.5.28 [Prepare and Deliver Quote](#)
 - 4.1.5.29 [Product Marketer Maintains Product Information](#)
 - 4.1.5.30 [Receive Sales Order](#)
 - 4.1.5.31 [Record Vendor Invoice](#)
 - 4.1.5.32 [Sales Representative Leads Prospects from RFQ to Sales Order](#)

- [4.1.5.33 Sales Representative Seeks Prospects and Opportunities](#)
 - [4.1.5.34 Shipment Receiver Receives Shipment](#)
 - [4.1.5.35 Shipment Receiver Receives Shipment with Packing Slip but No PO](#)
 - [4.1.5.36 Story of Apache Open Source Project](#)
 - [4.1.5.37 Story of Apache Software Foundation](#)
 - [4.1.5.38 Story of Online Retail Company](#)
 - [4.1.5.39 UBPL Introduction](#)
 - [4.2 Partner Agreement](#)
- 5 Ofbiz Administration
 - [5.1 Libraries Included in OFBiz](#)
 - [5.2 ASF Board Reports](#)
 - [5.2.1 ASF Board Report 2007-01](#)
 - [5.2.2 ASF Board Report 2007-02](#)
 - [5.2.3 ASF Board Report 2007-03](#)
 - [5.2.4 ASF Board Report 2007-06](#)
 - [5.2.5 ASF Board Report 2007-09](#)
 - [5.2.6 ASF Board Report 2007-12](#)
 - [5.2.7 ASF Board Report 2008-03](#)
 - [5.2.8 ASF Board Report 2008-06](#)
 - [5.2.9 ASF Board Report 2008-09](#)
 - [5.2.10 ASF Board Report 2008-12](#)
 - [5.2.11 ASF Board Report 2009-03](#)
 - [5.2.12 ASF Board Report 2009-06](#)
 - [5.2.13 ASF Board Report 2009-09](#)
 - [5.2.14 ASF Board Report 2009-12](#)
 - [5.3 Philosophy](#)
 - [5.3.1 Strategic Plan](#)
 - [5.3.2 Why Open Source](#)
 - [5.4 Apache OFBiz Developers](#)
 - [5.5 Developers Conferences Content](#)
 - [5.5.1 Developers Conference 2007-03 Topics and Objectives](#)
 - [5.6 Marketing, Branding \(Logo, Brochures, etc\)](#)
 - [5.7 Release Plan](#)
 - [5.8 OFBiz Related Books](#)
 - [5.9 OFBiz Documentation Index](#)
 - [5.10 New Features Roadmap - Living Document](#)
 - [5.11 Apache OFBiz Incubating 4.0.0 Test Snapshot Release](#)
 - [5.12 Conference Planning](#)
 - [5.12.1 OFBiz Track at ApacheCon US 2009](#)
 - [5.13 Press Releases](#)
 - [5.13.1 Press Release for Release Branch 9.4](#)
 - [5.14 Apache OFBiz PMC Members and Committers](#)
 - [5.15 Apache OFBiz Contribution and Development](#)
 - [5.15.1 Best Practices Guide](#)
 - [5.15.1.1 HTML and CSS Best Practices](#)
 - [5.15.1.2 Managing Your Source Differences](#)
 - [5.15.1.3 Methodology Recommendations](#)
 - [5.15.1.4 User Interface Layout Best Practices](#)
 - [5.15.2 Coding Conventions](#)
 - [5.15.3 Development best practices](#)
 - [5.15.4 OFBiz Committers Roles and Responsibilities](#)
 - [5.15.5 OFBiz Contributors Best Practices](#)
 - [5.15.6 OFBiz Source Repository and Access](#)
 - [5.16 Apache OFBiz Getting Started](#)
 - [5.16.1 Demo and Test Setup Guide](#)
 - [5.17 Copyright and License](#)
 - [5.18 Apache OFBiz Project Overview](#)
 - [5.19 Mailing Lists](#)
 - [5.20 OFBiz on other sites](#)
 - [5.21 Component and Component Set Dependencies](#)
 - [5.22 Scaling and Performance Plan](#)