



Scipio ERP v. 2.0.0

Release Notes



General

- Utilities
 - IntelliJ IDEA plug-in (<https://plugins.jetbrains.com/plugin/12108-scipio-erp-integration>)
 - Build-Tools
 - Added download tasks for all preconfigured database drivers
 - Continuous Integration
 - Added JaCoCo support (<https://www.jacoco.org/jacoco/trunk/index.html>) - *becomes preferred code coverage utility*
 - Rework of Cobertura Integration (<http://cobertura.github.io/cobertura/>)
 - Added Travis integration (<https://travis-ci.org/>)
 - Added Code Climate Integration (<https://codeclimate.com>)
 - Added SonarCloud support (<https://sonarcloud.io>)
For connecting to sonarcloud, use:
./ant sonar -Dsonar.organization=... -Dsonar.login=...
 - Git-Addons
 - git-addons: comment out broken subtree command presence check
 - git-addons: help corrections
 - git-addons: improve help and examples
 - git-addons: more precise EE variable message
 - git-addons: new data load integration, new documentation
 - git-addons: rely on fewer commands
 - git-addons: typos
 - git-addons-config: add projectmgr addon
 - git-addons-config: new addon: redsys (payment provider)
 - Utility Functions
 - UtilHttp: new getParameterNamesWithValue helper
 - UtilHttp: new method: getLocaleExistingSession
 - UtilMisc, solr: new helpers: getMapValuesForKey
 - UtilMisc: add containsAll method (moved from SetupDataUtil)
 - UtilMisc: firstNonNull: new helper method
 - UtilMisc: new addToSet/addToList overloads with factory
 - UtilMisc: new helpers: asReversedList, unmodifiableReversedList
 - UtilMisc: new method: asArrayList
 - UtilProperties, widgets: support for optional resources
 - UtilProperties: add support for resource name aliases (scipio-resource)
 - UtilProperties: bugfix NPE when prefix null (getPropertyNamesWithPrefixSuffix)
 - UtilProperties: fix code formatting (scipio)
 - UtilProperties: new getPropertyValues overloads that take Properties obj
 - UtilProperties: new method: getMergedPropertiesFromAllComponents
 - UtilStream: small helper for java stream API
 - UtilXml: readXmlDocument: add missing InputStream overload
 - UrlTransformUtil: new+moved helpers for all URL transforms
 - utilities.ftl



- new functions: maskValueLeft/maskValueRight (for card #s)
- implemented missing getEntityPropertyValue function
- General
 - Fixed broken visual theme selection
 - System: DB: Changed collation for mysql* datasource from utf8mb4_col to utf8mb4_general_ci
 - Improved seed data generation template for products (supports wider set of options now)
 - Fixed US letter template (can be used as alternative to DinA4)
 - Improvements on Email templates
 - Complete translation of all labels into german
 - Templating toolkit
 - Added <@qrcode macro for qr code generation
 - @alert_markup: fix space generation (js bugfix)
 - @cell: fix style parameter
 - Improved image generation and added srcset support to <@img macro
 -
 - Added support for style attributes on code macro
 - Added word-wrap on code blog, to fix a visual bug for overflowing code blocks.
 - Support for Bitcoin values in applications & new Bitcoin and Lightning labels
 - Better Websocket support
- Updated: Setup component
 - Fully functional release
- New (EE only): Excel Plugin
 - Order Data
 - User Data
 - Product & Category Data
- New: Angular Shop prototype (released)
- New: Manufacturing Component – first release
- New: Workeffort component
 - workeffort: CalendarScreens.xml: fix bad xml (log warnings)
 - workeffort: CalendarScreens.xml: remove mention of bsh:
 - workeffort: dashboard: fix for tiny widgets (review linking later)
 - workeffort: fix deprecated calls
 - workeffort: ical4j: convert ICalConverter to generics, fix warnings
 - workeffort: reorder & fixup some labels
 - workeffort: screens: fixup the workeffort duplicate form
- New (EE only): Project Management component
- Theme Improvements
 - Ignite Admin & Shop improvements
 - Security / dependency fixes for all themes
- New (EE only): Support for additional payment providers
- Bitcoin (Lightning) Payment support



Admin

- Reimplementation of data generators
- Various updated to layout demo
- Added full & historical database backup mechanism
- Various smaller fixes:
 - admin: ArtifactInfo: added useCache flag (useArtifactCache=N parameter)
 - admin: ArtifactInfo: bugfix absolute paths in UI, invalid links, html
 - admin: ArtifactInfo: bugfix sidebar menu
 - admin: ArtifactInfo: bugfix thread safety (NPE)
 - admin: ArtifactInfo: dev utils
 - admin: availableservices.ftl: minor ftl/html fixes
 - admin: AvailableServices.groovy: code cleanups
 - admin: CommonScreens: fix comment
 - admin: entity: rename EntityExport.file to .fileData
 - admin: EntityExport: added delete button for exportId
 - admin: EntityExport: temporarily readd "file" field, to be removed later
 - admin: EntityScreens.xml: bugfix "EntityExport" condition (invalid xml)
 - admin: example: split example/websockets into dedicated jar
 - admin: ExportServlet: code fixes and warnings about the field rename
 - admin: MemoryInfo: @chartdata: bugfix invalid MB values (bad JS output)
 - admin: Menus.xml: add missing styles for refresh buttons
 - admin: MiscExtraScreens.xml: remove widget XML tests that log warnings
 - admin: scipio: fix bad formatting
 - admin: screens: add Solr services link to Entity Utility Services
 - admin: screens: entity import: fix the forms markup, checkbox and labels
 - admin: screens: entity import: new "Dangerous" checkbox (EntityKeyStore)
 - admin: screens: entity: fix crashing on invalid entityName
 - admin: screens: EntityPerformanceTest: fix UtilCache breakage
 - admin: screens: FindUtilCache: fix FindCacheTabBar log warning
 - admin: service: FindJobs: fix broken JS and broken clock on screen
 - admin: service: FindJobs: fix server clock wrapping
 - admin: service: JobDetails: fix duplicate title and missing "no records" message
 - admin: service: show deprecated services in the service list
 - admin: ServiceList: bugfix Defn. Location display; UtilURL API changes
 - admin: templatetest: allow toggle tools
 - admin: TemplateTest: don't crash if no testVar1
 - admin: TemplateTest: fix error handling
 - admin: TemplateTest: switch to new GroovyUtil method (old was bad)
 - admin: ViewComponents: bugfix context root link
 - admin: ViewComponents: do not show absolute paths
 - admin: ViewComponents: fix missing root locations
 - admin: ViewComponents: fix tiny error
 - admin: ViewComponents: UI logic fixes
 - admin: added debug level testing logs in order to find out which one have been really activated/deactivated.
 - admin: data generators: fixed compilations errors (found by IDEA while compiling them) on currently unused data generator scripts.
 - admin: DocScreens.xml: update scipioerp.com note



- admin: ListGeneric.ftl: add edit link
- admin: setup: acctg preferences are no longer created when accessing acctg step. Users must save them explicitly.
- admin: setup: fixed minor js issue that prevented tax auth to be created.
- admin: setup: fixed minor organization creation issue when no contact mech was introduced



Accounting

- payment: improved card number masking behavior
- acctlib.ftl: improve getPayMethDisplayNumber and related
- accounting: add manual GiftCertificateTests
- accounting, setup: fix minilang files using deprecated xsd location
- accounting: AccountingErrorUiLabels: fix file format
- accounting: controller: bugfix resp to removed FindPurchaseInvoices view
- accounting: controller: fix dangling request
- accounting: controller: remove dangling requests
- accounting: controller: remove refs to missing view EditAgreementRoles
- accounting: entitymodel: add TaxAuthorityRateProduct fields (addons)
- accounting: entitymodel: datev: fix entity titles
- accounting: entitymodel: datev: remove redundant relation
- accounting: entitymodel: DatevMetadata: fix typeEnum field type
- accounting: entitymodel: fix Datev* entity relation fk-names
- accounting: glaccount: added missing controller entries
- accounting: GIForms.xml: ListFindAcctgTransEntriesByDate: bugfix title
- accounting: InvoiceItemTypes.xml: bugfix ListInvoiceItemType entity
- accounting: InvoiceWorker: scipio code comments (warnings)
- accounting: labels: add some missing de labels for important msgs
- accounting: menus: fixes in ContractsSideBar (AgreementItem)
- accounting: payment method types: changed to do only a single GIAccount query for the whole screen instead one per row but stills slow
- accounting: payment methods: fixed minor issues + labels
- accounting: PaymentForms: remove bad location in comments
- accounting: ReportFinancialSummaryForms.xml: remove invalid attribute
- accounting: reports: fixing reports menu option (pointed to no where). Added a form to select the internal organization where reports must be generated from (WIP)
- accounting: reports: select internal organization form completed
- accounting: screens: bugfix EditBillingAccount menu & labels
- accounting: settings: Added controller hooks for addons in accounting. Cleaned code.
- accounting: settings: Improved screens for PaymentGatewayConfigs
- accounting: settings: journals menu entry fixed
- accounting: settings: payment gateway configs defined in addons (paypal REST & Stripe) available to be configured when available
- accounting: settings: refactoring menu, journals moved back to settings main menu entry because it requires on organizationPartyId param
- accounting: settings: refactoring menu. Journal screens brought back.
- accounting: settings: Reports menu entry now works properly. Journal screen def moved to SettingScreens.xml
- accounting: settings: single query used to retrieve gl accounts for the entry invoice item types screen
- accounting: settings: time periods latest touches. Removed legacy minilang forms and screens.
- accounting: settings: time periods, putting together in a single screen
- accounting: settings: time periods, putting together in a single screen



- accounting: settings: Transactions are now on its own top menu entry
- accounting: stripe: moved specific labels to accounting labels
- accounting: TaxAuthorityRateProduct: fix optional field missing checks, fix missing comments
- accounting: settings: findLastClosedDate no longer throws an error if there's no CustomTimePeriod. Since this may happen likely when an INTERNAL_ORGANIZATIO party turns into an acctg organization, in my opinion, we shall notify the user that a CustomTimePeriod is required and point them accordingly



Catalog

- Various improvements
 - ProductSubTabBar.ftl: shop page link now use target="_blank"
 - Subscription: Added Subscription screen to find existing subscriptions
 - catalog: carriers: create carrier creation bug fix
 - catalog: carriers: implemented create carrier from carrier screens
 - catalog: carriers: roleTypeId field set as hidden only in create carrier form
 - catalog: category: fixed ftl issue
 - catalog: promos: promo action modal overhaul, some tweaks pending
 - catalog: promos: promo condition modal overhaul, some tweaks pending
 - catalog: promos: promo edit cond/action modals overhaul completed
 - catalog: category: can't reproduce the original error. However, handling any possible error while parsing dates in a nicer way.
 - catalog: product: converted text-find fields to (product) lookups. Also re-added the internalName, it's worth to be there. At some point it would be good to have some sort of advanced filter.
 - catalog: promo: introduced a promo calc using cart total instead of subtotal. Changed and preserved all references to the former calcs so now we can define promo conds based on total or subtotal.
 - catalog: promos: fallback to Enumeration description if promo condition/action label is not found
 - catalog: promos: removed old promotext label properties files (used as labels files)
 - catalog: promos: using proper labels instead of hardcoded text while building the generated description
 - catalog: screens: bugfix bad code and title IDs in New screens
 - catalog: screens: EditWebSite: fix browsing issue with session store
 - catalog: screens: Find*: bugfix search ID variable clashes + misc
 - catalog: screens: WebSite: show isStoreDefault, show httpsHost/Port
 - catalog: shipping: all menu items not bound directly to a store have been moved to the main navigation. Specific shipping stuff prevailed plus things that were scattered in the store submenu.
- Product
 - EditProductContent.ftl: bugfix double-escaping (?html)
 - EditProductContent.groovy: bugfix NPE
 - product: CategoryWorker: new trail helpers
 - product: Product/CategoryWorker: rollup trails: improved/added methods
 - ProductDetail.groovy: set context.productStore for orderentry
 - ProductDisplayWorker: whitespace fix
 - product: entitymodel: new view-entity: ProductConfigAndConfigProduct
 - product: productImportFromSpreadsheet: update for apache poi 4.0 (minor)
 - product: services: generateWebsiteAlternativeUrls: description typo
 - product: EditProductContent.ftl: fix ProductOriginalImageMessage display
 - product: ProductUiLabels: fix ProductOriginalImageMessage en wording
 - product: services: new: ensureProductStoreRole
 - ProductSearchSession, WorkEffortSearchSession: rename lock->sync object
 - ProductSearchSession: comments: ProductSearchOptions is now immutable



- ProductConfigWrapper: bugfix endless loop in ensureExact
- ProductStoreWorker.getStoreDefaultWebSite: comments
- ProductStoreWorker.getStoreDefaultWebSite: check for null productStoreId
- ProductStoreWorker: new getStoreDefaultWebSite and related helpers
- product: add placeholder FedexRateEstimateRequestTemplate.xml.ftl
- product: catalogcommon.ftl: bugfix fallback script location
- product: CategoryContentServices.xml: add missing SCIPIO comments
- product: ImageCrop.ftl: fix invalid comment
- product, party: fix warnings and typesproductdetail.ftl: fix formatting
- ProductWorker
 - ProductWorker: new helper: getOriginalProductId/Assoc
 - ProductWorker: getVirtualProductsDeepDfs: fix varnames
 - ProductWorker: bugfix getVirtual/VariantsProductsDeepDfs
 - ProductWorker: new helpers: getVirtualProducts, getVirtualProductsDeepDfs
 - ProductWorker: new getVariantProductsDeepDfs method
 - ProductWorker: new getVariantProducts method
 - ProductWorker: fix getProductFeatures return type + misc
 - ProductWorker: getOriginalProductAssoc: allow empty
 - ProductWorker: rename getOriginalProduct*->getMainProduct*
- Facility / Warehouse Management
 - Various improvements:
 - ShippingEstimateWrapper: fix isValidEstimate NO_SHIPPING check
 - ShippingEstimateWrapper: fixes for allowMissingEstimates
 - ShippingEstimateWrapper: revert transaction code
 - ShippingEstimateWrapper: some logging fix
 - facility: dashboard: bugfix invalid ftl (createdDate)
 - facility: EditShipment.ftl: fix broken create and bugs
- Human Resource Management
 - Various Improvements
 - humanres: java: fix all warnings
 - Fixed the Profile View
 - Fixed all screens & menus
- Marketing / CRM
 - Sales and Marketing analytics missed a value used for the interval count plus a bug in the loop used to retrieve the data caused the issue.
 - crm: CommonScreens.xml: bugfix invalid condition commenting (bad XML)
 - Various fixes:
 - Enabled Create Lead from VCard function
 - marketing: controller: bugfix miss LookupUserLoginAndPartyDetails view
 - marketing: controller: bugfix missing listMiniproduct view
 - marketing: entitymodel: fix formatting whole file
 - marketing: ofbiz-component.xml: bugfix 2 webapps on /marketing
 - marketing: services: marketingManagerPermission: bugfix circular ref
 - marketing: TrackingCodeEvents.java: fix typos in comments
 - marketing: TrackingCodeServices.xml: fix typo



CMS

- CodeMirror: Fixed indentation
- content: data: remove lingering ecommerce references
- content: EditSurveyQuestions.ftl: bugfix renderFormString call (context)
- content: java: fix types and warnings
- contentImageFileScaleInAllSizeCore: bugfix imagePathArgs NPE
- cms, demosuite: java: cleanup imports
- cms: caching: fix inappropriate entity caching
- cms: cmsCopyScriptTemplate: bugfix scriptTemplatedId needs OUT
- cms: CmsMediaServlet: bugfix dispatcher and delegator fetch methods
- cms: CmsPage: fix populateBasicDescriptorFields template lookup
- cms: control: refactor req attr into CmsControlState class
- cms: controller: fix bad service reference
- cms: controller: set save-request="messages" all request-redirects
- cms: demo site: fix missing link warnings
- cms: entity: CmsMenu: fix incomplete implementation
- cms: entitymodel: fix CmsPageAndPrimaryProcessMapping view definition
- cms: entitymodel: fix DataResourceMediaFileView issues
- cms: fix deprecated and duplicate code
- cms: java: fix warnings and types
- cms: menu: fix logging/type issues
- cms: misc code cleans
- cms: partial fix label files (incomplete)
- cms: renderer: add global includes/imports support
- cms: service: cmsGetAssetTemplates: bugfix webSiteOptional field
- cms: services: comment out unimplemented cmsGetAdminDescriptors
- media: bugfix NPE on unknown file types when javax ImageIO.read null
- media: contentImageDbScaleInAllSizeCore: fix missing mimeTypeId check
- media: new default/fallback format for thumbs (jpg)
- cms: ui: fix all "create/new" item buttons
- cms: fix PageTabBar page link format
- cms: contentTree.ftl: fix page open-existing link to use ?pageId= only
- cms: listMedia.ftl: rename contentUrl variable (name conflict)
- cms: CmsMenuTree.groovy: fix imports * formatting
- cms: ComponentUtil.java: bugfix generateMapFromRequestUri access
- cms: AttributeExpander.BaseBooleanParser: bugfix null handling
- cms: editPage: fix exist. page links to use ?pageId= form; fix webSiteId
- cms: fix missing webSiteId inputs, scripts, missing links, comments
- cms: editPage: bugfix menu item order
- cms: CmsScriptTemplate: add webSiteId field (organisational only)
- cms: editPage: New Page now defaults to https/no-auth (minor)
- cms: clarify CmsControlState
- cms: images: fixed a bug in responsive image creation from presets
- cms: media: fixed and improved all the points



Order Manager

- Fixed a label in Quote Detail screen
- Fixed two issues in Quote detail screen
- Various fixes to order entry pages
- Various fixes to links
- order email notifications: new store email default WebSite fallback
- order: OrderTypeData.xml: EmailTemplateSetting: fix platform name
- ProductStoreWorker, catalog.properties: new email default WebSite helper
- Agreement Term screen fixes
- editororderitems.ftl: fix accident comment out form submit
- CustRequestForms: bugfix crash if service not present
- order: appendorderitem.ftl: bugfix crash ftl for single ship group
- order: bugfix scipio class under wrong package (com.scipio)
- order: checkoutoptions.ftl: bugfix shippingEst missing var init
- order: controller: edit: update/cancelOrderItems should not change page
- order: controller: remove getAssociatedStateList (duplicate)
- order: decorator: need EcommerceUiLabels (rarely)
- order: DemoOrderTestData.xml: bugfix invalid webSiteId
- order: editororderitems.ftl: bugfix "Update selected items" button
- order: editororderitems.ftl: bugfix bad approve labels
- order: editororderitems.ftl: bugfix nested html forms due to modal
- order: editororderitems.ftl: bugfix single item cancel button
- order: editProduct.ftl: bugfix double-escaping
- order: fix deprecated GenericValue calls (ftl, groovy)
- order: mark services with "shoppingCart.update"
- order: orderitems.ftl: bugfix bad ftl
- order: orderitems.ftl: fix item quantity should not include cancelled
- order: orderpaymentinfo.ftl: bugfix crashes after cancel pay methods
- order: remove unused class added earlier
- order: services: createOrderFromShoppingCart: mark shoppingCart.update
- order: services_cart.xml: remove duplicates (interfaceProductPromoCond)
- order: ShipmentNotificationEmail.ftl: bugfix markup
- order: shoppingcart.debug=false
- order: ShoppingCart: bugfix hasSubscriptions, orderContainsSubscriptionItemsOnly
- order: sidedeepcategory.ftl: bugfix massive sessionAttributes abuse
- Order: Updated order pdf to print carrierId. Updated shipmentmethod "Air" to "Airmail"
- ordermgr: screens: bugfix viewprofile links missing externalLoginKey
- OrderServiceEventHandler: delete it (now in history)
- OrderServiceEventHandler: WIP/experimental handler extension
- order, shop: CartSyncEventHandlerWrapper: fix duplicate and change pkg
- order, shop: checkout: bugfix ship method preselection
- order, shop: controller: comment unused deleteCustomerTaxAuthInfo + refs
- order, shop: controller: enable CartSyncEventHandlerWrapper
- order, shop: ShoppingCart: *.ftl: always use context or getCartObject
- order, shop: ShoppingCart: *.groovy: always use getCartObject accessor



- order, shop: ShoppingCart: always use getCartObject accessor
- order, shop: ShoppingCart: change all cart sync to simplified pattern
- order, shop: ShoppingCart: enable cart copies globally in trunk
- order, shop: ShoppingCart: implement allowMissingShipEstimates web.xml
- order, shop: cart, invoice: fix missing masked gc card numbers
- order, shop: invoices: resolve origProductId for config products, fixes
- order, shop: orderitems.ftl: fix missing class="order-item-attrib-list"
- order, shop: productsummary.ftl: prevent price.listPrice crash
- order: fixed lookup for supplier purchase orders issue caused by including a CLOB inside a distinct query.
- order: order detail: partyId properly handled in case it isn't present
- order: order.pdf: orderReportBody.fo.ftl: include config
- order: orderitems: bugfix escaping
- order: orderlib.ftl: bugfix getGiftCardDisplayNumber
- order: payment: duplicating payment info macros in order (common/shared) ftls.
- order: payment: quick checkout now uses the common payment info macros.
- order: quote: commented out add_to_cart menu entries from view/edit quote and quote items screens
- order: quote: fixed minor issue that caused part of the quote print to not render the contact mech section properly. Still having severe layout issues though.
- order: quotes: fixed all issues.
- order: quotes: fixed label
- orderentry: additem: bugfix responses
- orderentry: improve cart survey output, new Survey.showOnInvoice field
- orderentry: payment method macros/functions moved to common.ftl (shop). Made all the necessary adjustments so payment step in order entry can use all that stuff. Ideally, all screens that have to render payment methods should include ordercommon.ftl from shop.
- orderentry: showcartitems.ftl: replaced survey link with modal
- orderentry: showcartitems.ftl: replaced survey link with modal (info++)
- orderentry: showcartitems.ftl: replaced survey link with modal (rename)
- orderentry: switched to checkoutpayment screen and adjusted decorators and fields in order to fit with the order entry workflow. It's WIP.
- OrderErrorUiLabels: bugfix configureProductBeforeAddingToCart case
- order-item-attrib-list tweaks: Recompiled recent changes
- ordermgr: orderview: ordercontactinfo.ftl: fix missing partyId fallback
- ordermgr: orderview: orderinfo.ftl: fix missing order type entry
- OrderNoticeEmail.ftl: bugfix inappropriate @printVars
- OrderReadHelper: added getProductConfigWrappersByProductId
- OrderReadHelper: new methods: getPartyIdFromRole



Shop

- Fixes a severe issue, in which the product price for virtual products wasn't shown.
- shop: contact: anon and normal contact services missed the webSiteId so urls weren't properly built.
- party, shop: editgiftcard.ftl: fix date preselect, JS, bugfixes, titles
- shop: email: gift cert: fixup emails, labels
- shop, themes: login, header: bugfix invalid auth addon property code
- shop: breadcrumbs.ftl: more improvements for reuse, rename last added
- shop: breadcrumbs.ftl: code bugfixes, support breadcrumbsLibOnly==true
- shop: productdetail: misc cleanups
- ShoppingCartEvents: initializeOrderEntry: move productStoreId set
- ShoppingCartEvents: getCartObject: do not force session create if no set
- ShoppingCartEvents: getCartObjectIfExists: transfer session to request
- ShoppingCart: fix rename isDebug->verboseOn
- shop: CategoryDetail: minor cleanup
- shop: CategoryDetail: show sort only at top
- shop: CategoryDetail: improve sort drop-down
- shop: CategoryDetail: implement sort drop-down
- shop: KeywordSearch.groovy: refactor sort param parsing for reuse
- shop: keywordsearch.ftl: bugfix typo (extra ")
- shop: revert accidental test links
- ShoppingCart: CartUpdate: bugfix nested update sections, logging
- shop: checkout: fixed label for Stripe payment method
- shop: controller: request-redirect now only save event message attribs
- shop: controller: remove dangling request
- shop: general: main fallback screen refined. Links to external resources are now built from properties.
- shop: general: traces set to verbose level for the WebSite checks
- shop: general: * Moved new exception to OFBiz package and refactored to WebSiteEntityNotFoundException. Now extends from GenericEntityException so it doesn't require any change anywhere. * Cleaned templates
- ShoppingCart: important update section notes
- ShoppingCart: simplify shoppingCartLock
- ShoppingCartEvents: getCartObject: document new behavior
- shop, order: new after-logout event: cleanCartAfterLogout
- shop, order: ShoppingCart: rename to prepareCartForRequest
- shop, order: ShoppingCartEvents: add "shoppingCart" to no-save req attr
- shop: general: Introduced a new Exception to catch in advance a missing productStore/webSiteId and render a proper screen to point users to the right direction. It's almost done but some minor parts still WIP.
- shop, order: prevent shoppingCart request attribute crushed by view-last
- ShoppingCart: CartUpdate: refactor and several improvements
- ShoppingCart: CartSyncEventHandlerWrapper: simplify, allow null cart
- ShoppingCart: ShoppingCartEvents.setCartObject: now calls update commit
- ShoppingCart: ShoppingCartEvents: several fixes: get/setCartObject
- ShoppingCart: CartSync: small changes



- ShoppingCart: added isDebug() helper
- ShoppingCartEvents: new method: getCartObjectIfExists
- ShoppingCart: CartUpdate, CartSync: improved cart update/sync pattern
- ShoppingCart: CartUpdate: committed flags
- ShoppingCart: CartUpdate: improve logging
- ShoppingCart: ProcessPaymentSettings.groovy: add CartUpdate section
- shop: controller: remove unsupported requests (old google)
- ShoppingCartTests.xml: include copy constructor tests
- ShoppingCart: synchronization comments in related classes
- ShoppingCart: add missing cart lock synchronized blocks
- ShoppingCart: copy construction: several fixes
- ShoppingCart: fix more copy construction, add ensureExactEquals test
- ShoppingCart: CartUpdate: shoppingcart.update.useCartCopies flag
- ShoppingCartEvents: keepCartUpdated: bugfix last changes
- ShoppingCart: CartUpdate: warn commit not invoked
- ShoppingCart: CartUpdate: fix nesting support, new debug flag, logging
- ShoppingCart: rename new "copy" methods to "exactCopy"
- ShoppingCart: copy construction fixes
- ShoppingCart: remove cartSubscriptionItems member cache
- ShoppingCart: getItemSubscriptions (scipio): bugfix for non-sub products
- ShoppingCart: new full copy constructors (exactCopy)
- ShoppingCart: add new CartUpdate pattern to all cart update events
- ShoppingCart: use shoppingCartLock everywhere, new registerCartChange
- ShoppingCart: shoppingCartLock: improve, add getCartLockObject
- ShoppingCart: new field: lockObj (session attribute: shoppingCartLock)
- ShoppingCartEvents.java: fix warnings: cleanup imports
- ShoppingCartItem: bugfix NPE
- ShoppingCartItem: fix code formatting
- shop: controller: synchronize minilang events on ShoppingCart (v2)
- shop: controller: synchronize minilang events on ShoppingCart
- ShoppingCart: rename getCartObjectReadOnly->getCartObjectForRead
- shop: controller: setShippingOption: synchronize on cart
- ShoppingCart: comments
- ShoppingCartEvents: new method: getCartObjectCopy, getCartObjectReadOnly
- ShoppingCart: cartSubscriptionItems: bugfix copy constructor code
- ShoppingCart: fix indent
- shop: quickcheckout/checkoutoptions.ftl: (deprecated) warning
- shop, order: ship estimates: fix display for No Shipping
- shop: OnePageCheckout: getShippingOption: fix No Shipping display
- shop: OnePageCheckout: setShippingOption: improve selected method info
- shop: OnePageCheckout: fix setShippingOption miss estimate error check
- shop: OnePageCheckout: bugfix ship option error box (js bug)
- shop: OnePageCheckout: code formatting
- shop: OnePageCheckout: bugfix invalid empty links
- shop: shipping estimates: revert isDisplayShipEst
- shop: shipping estimates: fix OnePageCheckout estimates (getShipOptions)
- shop: shipping estimates: move isDisplayShipEst to helper class



- shop: shipping estimates: add display exception for NO_SHIPPING
- shop: shipping estimates: bugfix and refactor listing code
- shop.properties: formatting (only)
- shop: controller: REPLACE pay includes by shop-controller-post.xml hook
- shop: controller: include stripe
- shop: replace ManageAddress view screen with viewprofile
- shop: viewprofile.ftl: fix "Deleted" label and markup
- shop: checkout: showing VAT properly (in OnePageCheckout) by applying the minimum changes, making sure nothing gets broken. Basically added shipping info to cart and tax calcs.
- shop: product search: fix keywordoverride product/catalog links
- shop: demo data: add test cases
- shop: EcommerceUiLabels: fix file format
- shop: ShopUiLabels: fix file format
- shop: demo data: mark ScipioWebStore WebSite.isStoreDefault=Y
- shop: demo data: fix non-https google links
- shop: CustomerEvents: bugfix missing import (CartItemModifyException)
- shop: CustomerEvents: bugfix missing import (CartItemModifyException)
- shop: *.ftl: fix deprecated calls
- shop: CommonScreens.xml: fix bad template location for "language"
- shop: productdetail: fix highly deprecated method warning
- shop: orderitems.ftl: give link to "original" product
- shop: orderitems.ftl: remove fullPath on product link
- shop template: urlrewrite.xml: update
- shop: urlrewrite.xml: remove ecommerce redirect (does nothing)
- shop: CustomerScreens.xml: bugfix invalid xml
- shop: urlrewrite.xml: bugfix in regexp
- shop: web.xml: fix UrlRewriteFilter default settings
- shop: DemoContentAltUrlData: demo data for @ofbizContentAltUrl
- shop: search: new shopSearchCfgRes web.xml search config override
- shop: login: bugfix bad loginform focus logic
- Shop: Fixed a minor bug in setShippingOptions customer event
- Shop: Fixed a bug in product reviews
- shop, order, acc.: order.pdf, invoice.pdf: show config items/attr
- shop, order: implement gc/survey result display on invoice
- shop, order: productdetail.ftl: bugfix loss of currency unit display
- shop, order: productdetail.ftl: bugfix toggleAmt logic
- shop, order: productdetail.ftl: fixup produce-price id value
- shop, order: productdetail.ftl: new heuristic for amount box show logic
- shop, setup: add weightUnitPrice="0.15" to Fedex ShipmentCostEstimates
- shop: CustomerSurvey.groovy: improve callResult and other checks
- shop: CustomerSurvey.groovy: log verbose
- shop: demo data: DemoCatalogData.xml: add weights for PH-100* products
- shop: demo data: ShipmentCostEstimate: add quantityUnitPrice="1.0" (all)
- shop: DemoCatalogData.xml: fix missing MP3-1000 prices
- shop: download products: improve "[Download]" label
- shop: editcontactmech.ftl: bugfix getShoppingCart() call
- shop: enable gift card cart input data (reseed req)



- shop: enable gift card cart input data (reseed req)
- shop: gc/additemsurvey: bugfix form input error handling + misc
- shop: genericresult.ftl: fixup html markup and display
- shop: gift card: config/surveys: fixup templates
- shop: giftcardpurchase.ftl: pinNumber?has_content check
- shop: order: also filtering parent products:productContentType while getting the product content specific for digital goods. The error shouldn't happen anymore and if it does, it's a warning now.
- shop: orderdownloads: bugfix missing title, fix hardcoded english
- shop: orderhistory.ftl: bugfix orderId escaping
- shop: quotes: improving quote screens
- shop: quotes: terms and adjustments are now enclosed in modals + multiple minor fixes
- shop: requests: creating requests from cart recovered. Implementing new requests (for other types rather than RfQ)
- shop: requests: exposing requests in shop. All ftl adjusted and improved. For now it only lists customer request although it makes sense to also allow customers to create requests. That isn't possible in OFBiz either, which somehow surprises me. That should be the main point of this feature from my pov.
- shop: requests: fixed several minor issues and improved overall screen.
- shop: requests: Implemented new requests screen, only for types meant for customers.



Solr

- solr: indexing: improved catalog detection for more product types
- solr: indexing: improved store detection for more product types
- solr: solrconfig.properties: new flag: solr.debug
- solr: ui: logging: add warning/info msg
- solr: build: add configsets resources and build-time defaults copies
- solr: configsets: remove _rest_managed.json and ignore
- solr: configsets: add placeholder _schema_analysis_*.json files
- solr: configsets: add extra placeholder config files
- solr: web.xml: keep the metadata-complete="true" flag
- solr: web.xml: remove the web-app DTD spec (temporary)
- solr: fix warnings and types
- solr: upgraded solr->6.6.5 [solr.config.version increased]
- solr: fix webapp URL log message
- solr: admin: SolrStatus: new ECA enable/disable live switch
- solr: eca: allow live toggling of ecas via SystemProperty
- solr: updateToSolr: rename productIds->productIdMap for clarify; misc
- solr: updateToSolr: fix filterByDate calls
- solr: eca: fix error/logging
- solr: eca: enable updateVirtual for InventoryItem/ProductFacility
- solr: updateToSolr: core implement updateVirtual flag + more
- solr: eca: enable updateVariants for most eca
- solr: registerUpdateToSolr: rewrite to use productIds map (WIP)
- solr: updateToSolr: core implement updateVariants flag (WIP)
- solr: updateToSolr: refactor core updateToSolrColr impl (WIP)
- solr: updateToSolr: refactor interfaces + blueprints for upcoming



New: Project Management (EE only)

- Added project management component
- Fixed layoutting issues in Ganttchart



User Management

- party, facility: new services: ensureXxxContactMechPurposes
- party, facility: new view-entity: [Party|Facility]ContactMechAndPurpose
- party, product: entitymodel: new ContactMech view-entities
- party, setup: new rolegroups.properties, improve ORGANIZATION_MEMBER
- party: eca: updatePartyPostalAddress: now updates PartyProfileDefault
- party: eca: updatePartyPostalAddress: PartyProfileDefault improvements
- party: editcontactmech: omit "EditContactInformation" title if redundant
- party: new helper service: updatePartyProfileDefaultContactMechIds
- party: new organization member RoleType helpers and defs
- party: new services: count/expireOldUnexpiredContactMechPurposes
- party: PartyContactMechServices.xml: keep deletePartyContactMech
- party: PartyTypeData.xml: fix typo
- party: PartyWorker.getOrganizationMemberRoleTypes: small fix
- party: screens: editcontactmech: parametrize menuitem & section title suffix
- party: services: add expirePartyContactMechPurpose for compat
- party: services: clarify deletePartyContactMechPurpose
- party: services: whitespace
- party: updatePartyPostalAddress: updatePartyProfileIds default-value="true"
- party: updatePostalAddressAndPurposes: add warnings
- party: updatePostalAddressAndPurposes: comments
- partymgr: bugfix missing form definition
- partymgr: controller: bugfix dangling view



Setup

- setup: accounting: A bare PartyAcctgPreference is always created when setting up a company, no matter if the user fills any of the acctg preference fields (fix)
- setup: accounting: A bare PartyAcctgPreference is always created when setting up a company, no matter if the user fills any of the acctg preference fields.
- setup: accounting: add tax auth works now
- setup: accounting: added screen definition for reddy, which only be available if the addon is present/installed
- setup: accounting: bringing back GL account navigate new implementation (WIP)
- setup: accounting: bugfix missing SetupAccountingTabError view
- setup: accounting: changed mainSection id for several tabs, they were using the same (missed one in last commit)
- setup: accounting: changed mainSection id for several tabs, they were using the same.
- setup: accounting: changed table types to data-list shown in the accounting transactions tab
- setup: accounting: datev & elster menu options commented out, for now
- setup: accounting: displaying add form
- setup: accounting: fixed tax auth table
- setup: accounting: Fixes for Journal tab
- setup: accounting: Fixing acctg trans * types tab
- setup: accounting: Fixing acctg trans * types tab
- setup: accounting: fixing journal tab (WIP)
- setup: accounting: fixing journal tab (WIP)
- setup: accounting: Implemented journal addition. Pending edit & update. Improved the service creation to allow custom glJournalId
- setup: accounting: improved performance for accounting step. For each tab, except the default one, its content gets loaded by ajax reducing the time of screen loading considerably. It will be skipped when the tab has content already.
- setup: accounting: introduced a new select GL account navigate event
- setup: accounting: labels + added Redsys as a selectable payment method in checkout screen
- setup: accounting: labels + added Stripe & Redsys as a selectable payment method in checkout screen
- setup: accounting: Minor fix for acctg trans * types tab.
- setup: accounting: More fixes for acctg trans * types tab
- setup: accounting: More fixes for acctg trans * types tab. Addition works. Edit & update pending. It needs more care generally speaking, in UX mostly.
- setup: accounting: No longer needed
- setup: accounting: Preventing issues when no PartyAcctgPreference is present for any company for all accounting reports and balance sheets.
- setup: accounting: preventing requests used to populate accounting tabs to save the view so they aren't used anywhere else.
- setup: accounting: removed log
- setup: accounting: tax auth implementation (WIP)
- setup: accounting: tax auth tab added to the step
- setup: add missing link to SEO functions on catalog step
- setup: add missing success create/update messages
- setup: bugfix missing form ref
- setup: clean out garbage



- setup: code fixup
- setup: common: get defaultWebSiteId in context, if possible
- setup: ContactMechPurposeInfo: rewrite main query to ensure date filter
- setup: controller: "main" view now show org. setup (bugfix)
- setup: EditUser.ftl: formatting
- setup: entity export: fix menu item and add link to admin export
- setup: facility: don't show intrusive message if already have facility
- setup: facility: remove useless @section
- setup: fix PostalAddress and TelecomNumber updating
- setup: labels: partial file fix
- setup: localize english event errors
- setup: misc: replaced tabs by (4) spaces
- setup: ofbiz-component.xml: fix comments + whitespace
- setup: organization, user: bugfix allowSolicitation flag loss on updates
- setup: organization, user: revamp editcontactmech screen display logic
- setup: partial fix for unexpired contact mech purposes in data
- setup: partial fix for unexpired contact mech purposes in data
- setup: remove obsolete code/comments
- setup: ScipioSetupErrorUiLabels: fix file format
- setup: ScipioSetupErrorUiLabels: fix file format
- setup: ScipioSetupUiLabels: fix file format
- setup: screens: bugfix: bad reference
- setup: SetupData.xml: bugfix wrong file format
- setup: SetupDataUtil: bugfix bad logError line in middle of nowhere
- setup: SetupEvents.xml: exploit ensurePartyContactMechPurposes
- setup: store: forcing the user to select from a predefined website dropdown, determined by webapps **webSiteId** context-param. Only the ones that have that context-param will be displayed (usually the front-end ones).
- setup: store: put productList in data to avoid re-queries
- setup: store: rename defaultWebSiteId field -> defaultSetupWebSiteId
- setup: updateUser: fix new login creation for existing users
- setup: user, other: bugfix missing purpose detection
- setup: user: add deletePartyRole forcing checkbox
- setup: user: address ProductStoreRole using drop-down
- setup: user: bugfix address toName population
- setup: user: bugfix bad interpolation usage
- setup: user: bugfix password fields required on update error
- setup: user: bugfix userPartyId not set on update for default party
- setup: user: combine role update flags
- setup: user: controller: fix missing save-home-view="true" for SetupUser
- setup: user: enable address purpose checkbox list even for updates
- setup: user: fix bad isCreateUser flag
- setup: user: fix bad user create success msg
- setup: user: fix bad user update success msg
- setup: user: fix missing check for userPartyId on update
- setup: user: fix nonsensical log message
- setup: user: fix required field detection (address, email)



- setup: user: fix several errors
- setup: user: fix several errors
- setup: user: fix using wrong account to update records
- setup: user: improved ProductStoreRole info message
- setup: user: improved ProductStoreRole info message
- setup: user: keep the split-addresses info
- setup: user: make password not required for all existing parties
- setup: user: make username optional for all existing users
- setup: user: many fixes to relationship drop-downs
- setup: user: new role update logic code (best-effort)
- setup: user: preliminary fix roleTypeId list
- setup: user: refactor roles list code
- setup: user: remove contact mech log warning
- setup: user: removed updateUser deletePartyRole code for old relation
- setup: user: SetupEvents.xml: comments
- setup: user: SetupEvents: log typo
- setup: user: SetupEvents: updateIgnoreEmpty/UPDIGNEMPTY flag
- setup: user: support specifying postal purposes (create only)
- setup: user: updateUser: prevent unneeded transient deletePartyRole call
- setup: user: when no GENERAL_LOCATION address, use first found



Various Bugfixes

- General
 - All: Standardized session-config
 - Added new support for payment status updates. (not triggered by eca atm) Fixed minor issues with the email definitions
 - Added new UomWorker function convertDatedUom - can be used to get a conversion from a specific date.
 - Controller: Strict-Transport-Security HTTP header on
 - CurrencyData.xml: add XPF (Central Pacific Franc)
 - .classpath clean-up
 - Fixed an error that was thrown when requestAttributes wasn't in context
 - Fixed an issue in which the opportunity type was not correctly displayed
 - Fixed empty table cells breaking fop rendering Fixed minor styling/positioning issues in DinA4
 - all: *.ftl: fix & refactor creditcard & giftcard display numbers
 - system: introduced a new datasource element attribute (for entityengine.xml) to allow setting row_format while creating tables. Only valid for MariaDB and MySQL.
 - RequestAttrPolicy.java: major improvements, changed all caller & new API for view-last/redirect attr. handling
 - general: build: removed unneeded svn stuff for demosuite
 - general: common: added new methods to generate random BigDecimals and Doubles
 - UtilMisc: new as* (Collection) copy methods, whitespace fix
 - (Servlet)MapEntryAdapter(s): fix missing removeValue impl, misc
 - Build tools
 - build.xml: fix ant jar warning on Windows (bad path sep)
 - build.xml: updated the ant exec instructions (Windows)
 - build: accounting: fix missing content dependency
 - build: add commented out logging.properties for tomcat
 - build: bugfix scipio.solr.reindex.startup.force in exec-scipio-jar
 - build: fix download-util-all missing jacoco
 - build: fix eclipse errors in component template build files
 - build: fix whitespace
 - build: helper condition-ext macro
 - build: ivy: clean: bugfix source jar cleaning
 - build: ivy: clean: bugfix source jar cleaning (2)
 - build: java: remove obsolete MaxPermSize jvm arg
 - build: macros.xml: fix comment
 - build: run-tests: add info to run clean-logs
 - build: run-tests: show location at end of test
 - build: support skipping build using -Dscipio.target.build=false
 - Images
 - images: passing responsive img info to ftl
 - images: storing responsive img data properly
 - images: several ui improvements
 - images: fixed compilation warnings
 - images: fixed variant url creation (forgot encode)
 - images: fixed variant url creation and other minor adjustments



- images: fixed multiple issues and improved the output. Responsive images are finally rendered nicely, though we may need some tweaks.
- images: more data model changes, sequenceNum as PK is back only for ResponsivelImageVP
- images: linking dataresources with the new size dimension entity
- images: new worker method used to build the srcset map so it's easier to add use it anywhere.
- images: some data model changes, sequenceNum no longer belong to PK, simplifying things
- images: passing customImageSizes to several services in order to create link them to the generated dataResource per variant
- general: new utility method introduced used to filter a mixed list of GenericValues by entityName
- EntityUtil: fix warnings
- ServletAttributeMap.java: new servlet API handling utils
- UtilMisc: new Enumeration/Iterator helper utils
- base: UtilMisc: new small addToCollection helper
- ServiceDispatcher: compat mode for old perm'd services now default to on
- GetUserNotifications.groovy: various fixes
- webapp: WebAppUtil: bugfix missing webapp exception message bad path
- base: Base64.java: fix comments/whitespace
- base: java: fix remaining warnings
- base: KeyStoreUtil.getSystemTrustStorePropIfSet: new helper method
- base: removed unused BeanShellContainer (never used)
- base: TrustManagers: new supplementary classes for X509 TrustManagers
- base: UtilNumber: new isInRange/getInRange methods
- base: UtilObjectTests.java: fix deprecated Groovy method call (scipio)
- base: UtilProperties: new methods: getPropertyAs(Int|Long)InRange
- Base64.java: new overloads, comments



Framework

- Added missing service definitions for new payment status mails
- Added a short explanation for the tracking parameters
- Added jitpack support. (jitpack.io)
- all: *.ftl: removed obsolete html markup comments (219 files)
- all: *.java: replace Scipio Optional class with java.util.Optional
- all: controller: bugfix broken references
- all: controller: getAssociatedStateList: use track-serverhit="false" (temporary)
- all: emails: remove usage of baseUrl/baseSecureUrl (do not use anymore)
- all: index.jsp: fix main redirect calls to respect configuration
- all: java (scipio): fix types and warnings
- all: java: convert BigDecimal.ROUND_XXX to RoundingMode.XXX
- all: java: convert where safe String.getBytes() -> getBytes(Charset)
- all: java: fix/mitigate warnings, comments
- all: java: organize imports: framework, applications, specialpurpose (stock files)
- all: java: trivial: fix some whitespace introduced in files
- all: java: use String.getBytes(Charset), not (String)
- all: log: log property messages in english always
- all: logging: remove redundant "threadId" suffix
- all: remove old references to ecommerce
- all: screens: bugfix broken accounting & other location references
- all: web.xml: remove obsolete scriptLocationPath (bsh) context-param
- applications (scipio): java: fix whitespace (NOTE: 93 files)
- applications: groovy: remove references to HtmlFormWrapper
- applications: InvoiceWorker: comment out unused code (taxAlreadyIncluded)
- applications: java: fix types and warnings (stock + scipio)
- applications: java: remove useless whitespace (207 files)
- base, service: refactor scipio-event prop code into AdvancedPropertyUtil (pay meth WIP)
- base/build: new artifact name mapping strategy (ivy:retrieve)
- CartSyncEventHandlerWrapper: new handler that wraps cart update services
- CartUpdate: revert cart copy code (temporary)
- catalina.properties: webSocket=true should be the default
- catalina: websockets: enable webSocket=true by default in Scipio
- catalog, setup: screens: WebSite: integrate isStoreDefault flag
- Changed look up from requestParameters to requestAttributes
- CheckOutEvents: setCheckOutOptions: commit cart even if errors
- ContextFtlUtil: get webapp info cache
- ContextFtlUtil: new helpers
- common, webapp: java (scipio): fix warnings and types
- common: common[-store]-controller: set view-last default-view to "main"
- common: CommonScreens: fix location in comment
- common: entitymodel: SystemMessages: bugfix relations
- common: FileTypeResolver (scipio): fix warnings
- common: FileTypeResolver: fix javac deprecation warnings
- common: includes.ftl: fix typo



- common: JsTreeHelper: bugfix contains-plugin logic (fix warnings)
- common: new getServerTimestampAsString service and common-controller uri
- common: pdf: bugfix logo code (stock logo not showing)
- common: services_test.xml: bugfix testRemoteSoap address (http)
- common-controller.xml: fix whitespace
- common-controller: qrcode: don't track serverhit
- common-store-controller: logout: note: does not clear autoUserLogin
- controller: ConfigXMLReader: bugfix swallowed include errors
- controller: include: new component://*/ wildcard location support
- controller: log "controller skipped" as verbose
- controller: site-conf.xsd: simplify boolean types
- ControlServlet: bugfix init exception handling
- Debug, ServerHitBin: disable error logging for ServerHitBin, warn only
- Debug: add helper LOG_LOCALE static var
- Debug: add missing getCallerShortInfo() overload
- Debug: doc getLogLocale()
- Debug: keep getLogLocale() public, make LOG_LOCALE private
- debug: new code.load.validate.level option for detecting problems
- Debug: new stack trace helper methods: getCallerInfo/getCallerShortInfo
- @ofbizContentUrl: now support static render context, secure flag
- @ofbizUrl: bugfix urlPrefix problem in emails
- @ofbizUrl: new impl for null request case
- ComponentConfig: fix log uppercase (scipio)
- ComponentConfig: getWebapp*ByContextPath return all if serverName null
- ComponentConfig: new cached getWebappInfo* helpers
- ComponentConfig: new methods: isComponentEnabled, isComponentPresent,...
- ConfigXMLReader: minor refactors
- entity: API: GenericValue/Delegator: extractViewMember: throw exception
- entity: API: GenericValue/Delegator: new method: extractViewMember
- entity: Base64/EntityCrypto: comments
- entity: Delegator: new helper: isEntity
- entity: DelegatorFactory: new helper: getDefaultDelegator
- entity: EntityCrypto, HashCrypt: clarify String.getBytes() and DES (comments)
- entity: EntitySyncServices.xml: fix xml-resource location
- entity: GenericValue: comment about deprecated methods
- entity: import: new entity filter options (include/exclude)
- entity: java: DebugManagedDataSource: fix warnings
- entity: ModelReader: fix whitespace
- entityengine.xml: mysql: fix latin1->utf8mb4 character sets
- EntityUtil: toBoolean (scipio): deprecate this, use UtilMisc.booleanValueIndicator instead
- ExtWebappInfo: ability to determine urlrewrite.xml file location
- ExtWebappInfo: bugfix and enhance
- ExtWebappInfo: bugfix infinite loop, more methods
- ExtWebappInfo: bugfix serverContextPathCache
- ExtWebappInfo: contextPath methods now should take serverName, getServerId
- ExtWebappInfo: fromRequest
- ExtWebappInfo: getWebappName



- ExtWebappInfo: more helpers
- ExtWebappInfo: more util methods
- framework: java: fix whitespace (NOTE: 494 files)
- FlexibleStringExpander: add getEmptyExpr method
- FlexibleStringExpander: new isConstant method
- FullWebappInfo: bugfix fromContext return value
- FullWebappInfo: fix ability to auto-determine from context
- FullWebappInfo: fix hashCode>equals/delegate methods
- FullWebappInfo: major fixes for inter-webapp links (factory method refactor)
- FullWebappInfo: more cleanups/refactor, remove lazy init
- FullWebappInfo: more helpers for link building
- FullWebappInfo: new helper class to simplify URL building and other
- FullWebappInfo: re-engineered fromRequest and add fromRequestFilterSafe
- groovy: all (scipio): fix UtilCache deprecated method usage
- GroovyUtil: add GroovyLangVariant.STOCK
- htmlContent.ftl: @chartdata: bugfix values not passed as numbers
- htmlForm: @field: bugfix container=false div added
- htmlNav.ftl: @paginate: pass position to second/firstDlg
- htmlNav.ftl: @paginate: rename new args for clarity (*Dlg)
- htmlNav.ftl: @paginate: rename new args for clarity (*Widget)
- htmlNav.ftl: @paginate: support dialogs "layout"
- htmlNav.ftl: @paginate: support first & second dialog overrides
- htmlNav.ftl: @paginate: support first & second dialog overrides
- htmlNav.ftl: @paginate: support first & second dialog overrides
- htmlNav.ftl: @paginate: support first & second dialog overrides
- links: bugfix some cases not generating absolute links from server root
- links: fix bad use of servlet API (trivial)
- links: improved logging information to track down bad links
- links: OfbizUrlBuilder: better workaround for Appendable, tests
- links: RequestHandler: link methods now force slash after context root
- links: RequestLinkUtil: small fixups
- links: several bugfix, refactors to fix problem cases and respect input
- LocalDataGenerator: remove warnings
- LocalHttpSession: bugfix deprecated
- LocalUrlRewriter: fix missing _serverId in ServletContext
- LocalUrlRewriter: fixes + refactor
- LocalUrlRewriter: useless warnings
- log: log4j2.xml: set FOP logger to warn
- log4j2.xml: add dedicated space for custom loggers
- log4j2.xml: set maximum verbosity for camel implementations
- ivysettings.xml: add springplugins repo for reference (commented)
- Janrain is untested atm and not officially supported. Instead the documentation should lay out how the component should be used
- java: scipio: fix typecast warnings
- labels: fix typos in WebtoolsForSomethingInteresting
- minilang, widget: *.xsd: remove bad "java" script lang entry
- Replaced some misleading task descriptions



- SSLUtil: getComponentTrustManagers: new method
- start: java: bugfix possible leak (InstrumentWorker) and warnings
- StringUtil: new limitLength helper
- StringUtil: several new helpers, Appendable workarounds
- makeLink, urlrewrite: new url encode for static + inter-webapp contexts
- minilang, widget: *.xsd: update for bsh deprecation and compat mode
- minilang: java: fix warnings
- minilang: simple-methods-v2.xsd: add deprecated warnings and comments
- minilang: Synchronized.java: fix toString, factory order
- minilang: xsd: bsh deprecation messages
- MiniLangTests.java: boolean comparison tests
- ModelEntity: add warnings (do not use!) for addField, removeField
- ModelForm.java: fix formatting
- ModelMenuItem: small cleanups to Scipio methods
- ModelService: more custom property helper methods
- ModelServiceReader: better loadValidateHigh check
- PathUtil: delimiter handling overloads for StringBuilder
- project: remove bsh (Beanshell) library, sources and docs
- Refs scipioce-dev 606 Systemd service file WIP
- Refs scipioce-dev 606: Systemd service file WIP
- Removed accidental file commit
- Removed misleading/wrong license header from templates
- renderer: form widgets: add deprecations to old form renderers
- renderer: htmlFormMacroLibrary.ftl: fix whitespace in link macros
- renderer: WidgetWorker: deprecate remaining hard html methods
- ofbiz-component.xml: server-scan/websockets: new webapp-specific filter
- ofbiz-component.xml: webapp override-mode: bugfix missing serverId check
- ofbiz-component: logInfo for remove-overridden-webapp
- ofbizContentUrl/ContentUrlTag: appendContentPrefix: context detection
- ofbizContentUrl/ContentUrlTag: appendContentPrefix: try more fallbacks
- OfbizUrlBuilder: cleanup whole class
- OfbizUrlBuilder: fix new method names (scipio)
- OfbizUrlBuilder: new factory method: from(FullWebappInfo, Delegator)
- OfbizUrlBuilder: new interwebapp link request overload (missing in stock)
- RequestHandler.makeLink/@ofbizUrl: bugfix forced fullPath webSiteProps comparison
- RequestHandler.makeLink/@ofbizUrl: bugfix wrong WebSiteProperties for inter-webapp links with no webSiteId
- RequestHandler: bugfix allowViewSave check response value
- RequestHandler: doLinkURLEncode: only set target webapp if interWebapp
- RequestHandler: fix auto path inter-webapp lookup (minor)
- RequestHandler: improve _SCP_VIEW_SAVE_ATTR_EXCL_filter
- RequestHandler: makeLinkAuto: bugfix bad interWebapp logic for non-request urls
- RequestHandler: makeLinkAuto: static version requires currentWebapp
- RequestHandler: new helper: sendControllerUriRedirectWithQueryString
- RequestHandler: new helpers: sendRedirect, sendControllerUriRedirect
- RequestLinkUtil: deprecate jsessionid utils
- RequestLinkUtil: fixes for live request interwebapp links



- RequestLinkUtil: new URL_DELIMS_* and helpers
- RequestLinkUtil+others: bugfix OfbizUrlBuilder.buildHostPart calls for controller flag
- RequestUtil: new helpers: getDelegatorReadOnly/getDelegatorFilterSafe
- scipio-events: startup: add support to specify .params.userLogin=[id]
- ScipioUrlRewriter: new local urlrewrite handling implementation
- ScipioUrlRewriter: new wrapped live request rewriter for interwebapp url
- ScreenRenderer.populateContextForService: bugfix populateContextScripts
- scripting: delete obsolete bsh-bsf engine impl
- scripting: remove bsh interpreter in engines and helpers, add compat (bsh->groovy), deprecate, warnings
- seo: SeoCatalogUrlFilter: delegate delegator fetch to WebAppUtil; misc
- seo: urls: bugfix NPE
- system: rc script (generic & debian) now don't output to console.log by default. It can be switch on again by uncommenting the SCIPIO_LOG var declaration.
- TaxAuthorityServices.TaxAdjustmentsResult: bugfix exception
- TransformUtil: determineFullPathForUrl: new util for fullPath forcing
- TransformUtil: fix compile fail due to moved method, deprecate
- user: screens: fix missing default country preselectOrder
- SeoCatalogUrlWorker: fix warnings
- SeoConfig.xml: remove seo enable context path filter
- service: build.xml: do not build rmi static stubs anymore
- service: DispatchContext: new helper: isService(String)
- service: fix for code.loading.validate.level var name change
- service: new services.load.validate.level option for detecting problems
- service: service.xsd: bigger warning for non-working "check-role-member"
- service: serviceengine.xml: add warnings for unsupported languages (bsh, bsf)
- service: SOAPClientConnectConfig.java (scipio): fix javac warnings
- services.xsd: new attribute: type-convert="[true|false]"
- simple-methods, FlexibleServletAccessor: warn unsafe session collections
- simple-methods.xsd: set, set-calendar: WARNING for set-if-null default
- simple-methods.xsd: set, set-calendar: WARNING for set-if-null default
- sitemap: bugfix url rewriting futher
- sitemap: fix processOutboundUrl call and webappInfo
- sitemap: url generation: new webappPathPrefix URL path prefix, bugfixes
- Slick Slider: Graceful loading implemented for metro, too.
- Slick slider: Slick slider is loading more gracefully now.
- url.properties: new webapp.url.path.prefix.onlyIfForward option
- url.properties: warn webapp.url.path.prefix.httpHeader may not work
- url: urlrewrite: new webappPathPrefix handling (first working solution)
- url: webappPathPrefix: new setting for urlbuild vs urlrewrite + refactor
- url: webappPathPrefix: urlBuild can also be set in web.xml (comment)
- UrlConfUtil: cache Conf by path
- UrlConfUtil: more caching fixes
- UrlFilterHelper, ScipioUrlRewriter: fix "target"/"current" webapp logic
- UrlFilterHelper: isSameWebappContext: now includes webappPathPrefix in check
- UrlFilterHelper: replace WebSiteProperties lookup
- UrlFilterHelper: small bugfix



- UrlFilterHelper: use target webapp info instead of current request, new attributes
- urlrewrite: bugfix bad link due to webappPathPrefix
- urlrewrite: bugfix request wrapper attribute lists
- urlrewrite: don't log getRemoteUser
- urlrewrite: new inter-webapp encode workaround for apps without UrlRewriteFilter
- urlrewrite: new UrlFilterHelper methods and shop urlrewrite.xml changes
- urlrewrite: ScipioUrlRewriter context/request attrib fix
- widget: *.xsd: simplify types and fix docs (scipio)
- widget: HtmlTreeRenderer.java: WONTFIX comment
- widget: macro renderer: fix needless warnings
- widget: MacroMenuRenderer: bugfix extraIndex in uniqueItemName
- widget: MenuRenderState: comment out unfinished flaggedMenuNodes field
- widget: renderer: HtmlFormWrapper: deprecate and trim obsolete
- widget: renderer: HtmlMenuWrapper, @menuWrap: deprecate and trim obsolete
- widget: renderer: HtmlWidgetRenderer: fix deprecations
- widget: renderer: java: fix needless warnings
- widget: WidgetPortalPageWorker: comment and remove warning
- widget: WidgetWorker: remove old insecure methods
- widget-common.xsd: remove "javascript" from script lang attribute
- widget-form.xsd: remove "type" attrib on "grid" element
- widgets: new condition elements: if-entity, if-service, if-component
- WidgetWorker: fix static method call through object
- webapp (product): entitymodel: new WebSite.isStoreDefault flag
- webapp: ContentUrlTag: small optimization
- webapp: entitymodel: ServerHit: bugfix index name too long (SERVER_HIT_START_IDX -> SERVER_HIT_STRTIDX)
- webapp: EventUtil: new helper class
- webapp: ExtWebappInfo: fixes and improvements
- webapp: ExtWebappInfo: logInfo for "No ControlServlet mapping"
- webapp: fop.xconf: disable strict apache fop validation
- webapp: ftl transforms (scipio): fix SuppressWarnings annotations
- webapp: ftl transforms (stock): fix SuppressWarnings annotations
- webapp: java: fix warnings
- webapp: RequestVarScopes: new helper class
- webapp: urlrewrite impl: fix javac deprecation on command line
- webapp: urlrewrite impl: prevent "all" warnings on these classes
- webapp: WebAppUtil: integrate ofbiz-component.xml init-params (getWebappContextParams)
- webapp: WebSiteProperties.from: avoid webSiteId in curr request lookup
- WebAppUtil: add missing getWebSiteId(WebXml) overload
- WebAppUtil: fix getDelegatorFilterSafe, add getDispatcherFilterSafe
- WebAppUtil: FIXME: added placeholder getServerId(renderContext) overload
- WebAppUtil: new helper: getDelegatorReadOnly/getDelegatorFilterSafe
- WebAppUtil: rewrite getWebappInfoFromPath, deprecations, getServerId
- WebSiteProperties: cleanups, remove temporary method
- WebSiteProperties: fix some Scipio method signatures
- WebSiteProperties: new defaults factory method overload with request caching



- WebSiteProperties: new factory methods accepting a map cache
- WebSiteProperties: new helper: getWebappPathPrefixFilterSafe
- WebSiteProperties: new helpers: equalsProtoHostPort*
- WebSiteProperties: remove fromRequestFilterSafe
- WebSiteProperties: remove needless methods
- WebSiteProperties: various bug and design fixes
- WebSiteProperties: WebSiteEntityNotFoundException: webSiteId in message
- WebSiteWorker: getWebSiteFromContext + cleanups
- WebSiteWorker: getWebSiteIdFromContext overload
- WebSiteWorker: new helper: getWebSiteIdFromContext
- WebToolsServices (scipio): fix warnings



Library Updates

- entity: jdbc: update jaybird-jdk18 3.0.4->3.0.5
- entity: jdbc: update mariadb->2.2.6
- entity: jdbc: update mariadb-java-client 2.2.6->2.3.0
- entity: jdbc: update mssql->6.5.4.jre8-preview
- entity: jdbc: update mysql->5.1.47
- entity: jdbc: update postgresql->42.2.5
- base/lib: activemq to 5.15.5
- base/lib: add apache commons-text 2.6
- base/lib: add com.github.kenglxn.qrgen 2.5.0 (temporary?)
- base/lib: add commented entries for jai-imageio-* libs
- base/lib: add commented-out axis2-jaxws for later
- base/lib: add gson 2.8.5
- base/lib: delete com.github.kenglxn.qrgen and jitpack
- base/lib: fix tomcat libraries (websockets)
- base/lib: fix twelvemonkeys lib filenames (old issue)
- base/lib: remove bsh (Beanshell) library from ivy/classpath
- base/lib: update apache commons-collections4 4.1->4.2
- base/lib: update apache commons-compress 1.16.1->1.18
- base/lib: update apache commons-csv 1.5->1.6
- base/lib: update apache commons-dbc2 2.2.0->2.5.0
- base/lib: update apache commons-lang3 3.7->3.8.1
- base/lib: update apache commons-pool2 2.5.0->2.6.0
- base/lib: update apache fop->2.3, xmlgraphics-common->2.3
- base/lib: update apache pdfbox, fontbox 2.0.8->2.0.13, jempbox 1.8.13->1.8.16
- base/lib: update apache poi 3.17->4.0.1 (major version)
- base/lib: update apache sshd 2.0.0->2.1.0, add sshd-common
- base/lib: update axis2 1.7.8->1.7.9
- base/lib: update boundycastle *-jdk14 1.38->latest
- base/lib: update com.rometools rome 1.9.0->1.11.0 (preventative)
- base/lib: update geronimo j2eespecs libs
- base/lib: update guava 24.1-jre->27.0.1-jre, add .classpath
- base/lib: update httpclient->4.5.6 (preventative)
- base/lib: update icu4j 61.1->63.1
- base/lib: update jackson-* 2.9.5->2.9.7
- base/lib: update javax.mail 1.6.1->1.6.2
- base/lib: update joda-time 2.9.9->2.10.1
- base/lib: update libphonenumber 8.9.12->8.10.2
- base/lib: update log4j 2.11.0->2.11.1
- base/lib: update mockito-core 2.16.0->2.23.4
- base/lib: update owasp-java-html-sanitizer ->20181114.1
- base/lib: update rometools rome 1.11.0->1.12.0
- base/lib: update sitemapgen4j 1.0.6->1.1.1
- base/lib: update spring-* 5.0.8.RELEASE->5.1.3.RELEASE
- base/lib: update tika 1.18->1.19.1



- base/lib: update twelvemonkeys common-image 3.3.2->3.4.1
- base/lib: update xercesImpl 2.11.0->2.12.0
- base/lib: update xmlschema-core 2.2.3->2.2.4
- base/lib: update xstream 1.4.10->1.4.11.1
- base/lib: upgrade groovy 2.4.25->2.5.4 (major version)
- base/lib: upgrade tomcat 8.5.33->8.5.34
- base/lib: upgrade tomcat 8.5.34->8.5.35
- base/lib: upgrade tomcat->8.5.33



Ofbiz patches

- ofbiz patch: @ofbizContentAltUrl: full fixup
- ofbiz patch: @ofbizContentUrl: major improvements (secure, type, xsl-fo)
- ofbiz patch: admin: FoPrintServerEvents: fix wrong renderer used
- ofbiz patch: all: java: fix bad printStackTrace calls
- ofbiz patch: all: java: fix missing final for static fields
- ofbiz patch: all: java: fix warnings
- ofbiz patch: all: java: organize imports
- ofbiz patch: all: java: organize imports
- ofbiz patch: all: java: remove warnings (annotations)
- ofbiz patch: base: eclipse/intellij: fix missing "security" property for groovy
- ofbiz patch: base: FileUtilTests.groovy: change input file to README.md
- ofbiz patch: base: java: fix types and warnings
- ofbiz patch: base: java: fix types and warnings
- ofbiz patch: base: TestJSONConverters: fix warnings and types
- ofbiz patch: base: UtilIO: substitute for IOUtils.closeQuietly
- ofbiz patch: base: UtilXml: cleanup DocumentBuilderFactory usage
- ofbiz patch: build: add component arg to all load-demo invocations
- ofbiz patch: common: AuthHelper: fix authenticators thread safety
- ofbiz patch: common: CommonServices: fix resource leak (unclosed files)
- ofbiz patch: common: fix entity titles: SystemMessages, SystemProperty
- ofbiz patch: common: qrcode: default qrcode size int variables
- ofbiz patch: common: qrcode: enhance serveQRCodeImage event
- ofbiz patch: common: qrcode: generateQRCodeImage: fix silly int parsing
- ofbiz patch: common: qrcode: generateQRCodeImage: support custom eLevel
- ofbiz patch: common: qrcode: improvements to generateQRCodeImage
- ofbiz patch: common: qrcode: java: switch module in all classes to Debug.OfbizLogger (MAJOR)
- ofbiz patch: common: qrcode: new generateQRCodeImage "useLogo" boolean
- ofbiz patch: common: qrcode: serveQRCodeImage event check "logo" boolean
- ofbiz patch: common: qrcode: serveQRCodeImage should respect format default from properties (png)
- ofbiz patch: common: qrcode: support scaler in qrcode.properties and service parameter
- ofbiz patch: ContainerLoader: fix module var usage, warnings
- ofbiz patch: content: java: fix types and warnings
- ofbiz patch: Debug: fix formatter not closed
- ofbiz patch: entity: GenericValue/EntityUtil: fix deprecation log warnings
- ofbiz patch: entity: java: all: fix whitespace
- ofbiz patch: entity: java: fix formatting
- ofbiz patch: entity: java: fix warnings and imports
- ofbiz patch: entity: java: fix warnings and types
- ofbiz patch: entity: java: use ArrayList in entity engine, fix warnings
- ofbiz patch: entity: ModelEntityChecker: scipio bug: fix definitions (find-replace errors)
- ofbiz patch: entity: restore highly deprecated methods, with log warn (removed in 29c47e6d29)



- ofbiz patch: entity: SequenceUtil fillBank: check trans before suspend
- ofbiz patch: EntityDataLoadContainer: fix log typo
- ofbiz patch: EntityDataLoadContainer: support multiple target components
- ofbiz patch: EntitySaxReader: invalid cast of currentFieldValue
- ofbiz patch: EntityUtilProperties: made getSystemPropertyValue public
- ofbiz patch: EntityUtilProperties: new SystemProperty.useEmpty flag + restore legacy empty handling
- ofbiz patch: EntityUtilProperties: replace stock Map with Optional
- ofbiz patch: framework: java: fix warnings
- ofbiz patch: GenericDAO: fix warnings -e Refs <https://gitlab.ilscipio.com/scipio-dev/dev/scipioce-dev/issues/626>
- ofbiz patch: ImageTransform: fix scaleImageVersatile max size logic
- ofbiz patch: ImageTransform: split scaleImage, new scaleImageVersatile
- ofbiz patch: ImageTransform: split up scaleImage methods for reuse
- ofbiz patch: JanrainHelper: fix warnings
- OFBiz patch: Loginworker would not set correct cookie path for requests containing multiple slashes.
- ofbiz patch: LoginWorker.autoLoginRemove: better cookie remove detect
- ofbiz patch: LoginWorker: new autoUserLoginOn web.xml setting
- ofbiz patch: MapContext: fix bad construction
- ofbiz patch: minilang: SimpleMethod.exec: bugfix "null" added at end of some errors
- ofbiz patch: MOVED activemq jar into base/lib/ant-opt/activemq/
- ofbiz patch: NotificationServices: setBaseUrl: add baseWebappPath in context
- ofbiz patch: NotificationServices: setBaseUrl: missing comment
- ofbiz patch: ObjectType: fix needless warning
- ofbiz patch: OfbizUrlBuilder: buildHostPart: fix controller flag scope
- ofbiz patch: OfbizUrlBuilder: many changes, standardize methods
- ofbiz patch: OfbizUrlBuilder: new getters for previously abstracted info + misc
- ofbiz patch: OfbizUrlBuilder: strip trailing slash from "servletPath" internally
- ofbiz patch: order: java: fix types and warnings
- ofbiz patch: ProductDetail.groovy: make context.currencyUomId available to ftl
- ofbiz patch: ProductDetail.groovy: set priceMap.currencyUomId
- ofbiz patch: qrcode.properties: change default logoimage to scipio logo
- ofbiz patch: QRCodeServices: fix defaultLogoImage loading
- ofbiz patch: RequestHandler: makeLink(Auto): bugfix and static methods
- ofbiz patch: RequestHandler: makeLink(Auto): exploit FullWebappInfo
- ofbiz patch: RequestHandler: makeLink(Auto): fix all log statements
- ofbiz patch: RequestHandler: makeLink: refactors for webapp info
- ofbiz patch: RequestHandler: new fullPath conditions for makeLink
- ofbiz patch: RequestHandler: new http->https redirect link code
- ofbiz patch: REVERT (partial) fd0a1a1e977: security (component): SecurityFactory: bad filterByDate
- ofbiz patch: ScreenFopViewHandler: set "screens" in req attributes
- ofbiz patch: ScreenRenderer: implement RendererInfo
- ofbiz patch: ScreenRenderer: now implements RenderInfo
- ofbiz patch: security (component): entitymodel.xml: fix copy-paste error in UserLoginPasswordHistory



- ofbiz patch: service: EntityAutoEngine: fix whitespace
- ofbiz patch: service: java: all: fix whitespace
- ofbiz patch: service: java: switch to ArrayList, fix warnings
- ofbiz patch: service: java: whitespace fixes
- ofbiz patch: service: misc file cleanups
- ofbiz patch: service: ModelService: fix typo
- ofbiz patch: service: ModelService: whitespace & typos
- ofbiz patch: service: ServiceEcaUtil: mergeEcaDefinitions better logging
- ofbiz patch: service: ServiceEcaUtil: mergeEcaDefinitions better logging
- ofbiz patch: ServiceDispatcher: fix typo
- ofbiz patch: ServiceEcaRule: fix possible non-thread-safe member
- ofbiz patch: ServiceEcaUtil: bugfix ecaCache thread safety
- ofbiz patch: ShippingEvents: fix ship est. exceptions not logged
- ofbiz patch: ShippingEvents: typo
- ofbiz patch: ShoppingCart.CartPaymentInfo: default billing address for COD and other payment methods
- ofbiz patch: ShoppingCart.CartPaymentInfo: fix default billing address for COD and other payment methods
- ofbiz patch: ShoppingCartItem: calculateProductPrice now gets customAttributes.orderItemAttributes
- ofbiz patch: ShoppingCartItem: clone constructor: fix orderItemAttributes
- ofbiz patch: ShoppingCartItem: rearrange factory methods for orderItemAttributes
- ofbiz patch: simple-methods.xsd: delete obsolete simple-methods.xsd, update minilang-catalog.xml (compat mode)
- ofbiz patch: SOAP/axis2: new httpClient and cert validate config
- ofbiz patch: SOAPClientEngine: new context handler, enabled sharing
- ofbiz patch: start: correct StartupException
- ofbiz patch: StringUtil: bugfix split limit, improve regexp and lists
- ofbiz patch: TaxAuthorityServices: refactor getTaxAdjustments result for warnings
- ofbiz patch: test-suite.xsd: allow empty files
- ofbiz patch: url generation: new webappPathPrefix URL path prefix
- ofbiz patch: url: all: fixup all link-building interfaces + misc
- ofbiz patch: url: transforms: all: major refactors and fixes
- ofbiz patch: UspsServices: bugfix NPE and no-rate-found detection
- ofbiz patch: UtilCache: deprecated methods for useFileSystemStore compat
- ofbiz patch: UtilHttp.getLocale: bugfix missing null session check (NPE)
- ofbiz patch: UtilMisc: switch to ArrayList, fix warnings
- ofbiz patch: UtilNumber: improve roundingModeFromString method
- ofbiz patch: UtilProperties: fix propertiesNotFound non-thread-safe
- ofbiz patch: UtilProperties: new merged properties loading
- ofbiz patch: UtilProperties: new resource string lightweight cache
- ofbiz patch: UtilValidate: fix missing isEmpty(Map) overload
- ofbiz patch: WebSiteWorker.getWebSiteId: make safe for early filters
- stock patch: CommunicationEventsForms.xml: bugfix FindCommEvents case
- stock patch: shop: editgiftcart.ftl: fix bad number masking
- stock patch: OfbizCurrencyTransform.java: fallback context currencyUomId
- stock patch: OfbizCurrencyTransform.java: log warning when isoCode unset



- stock patch: OfbizCurrencyTransform.java: minor type safety fixes
- stock patch: accounting: bugfix typos in ofbGc* descriptions
- stock patch: accounting: gift cert: fix messages, answerMap
- stock patch: CustRequestForms.xml#ListRequestList: fix hyperlink to POST
- stock patch: sendMailFromScreenInterface: clarify webSiteId
- stock patch: accounting: gift cert: bugfix NPE, bad error messages
- stock patch: store emails: gift card: bugfix missing parameters
- stock patch: order: secas.xml: call ensurePartyRole for createQuoteRole
- stock patch: sendMailFromScreen: log webSiteId/various info
- stock patch: ServiceDispatcher: add compat mode for old perm'd services
- stock patch: service: ServiceDispatcher: checkAuth: bugfix bad makeValid
- stock patch: getProductCategoryAndLimitedMembers: bugfix viewSize parse
- stock patch: orderentry: remove very old nonworking templates
- stock patch: EntityUtilProperties: don't crash when delegator null, warn
- stock patch: widget: improve entity field label auto-gen
- stock patch: order: GetPartyEmailAddress.groovy: bugfix party crash
- stock patch: UtilProperties: getMessage fix missing resource handling
- stock patch: UtilProperties: getMessage now support optional (return "")
- stock patch: content edit: bugfix random comma in title
- stock patch: ProductStoreWorker: defaultProductStoreEmailScreenLocation
- stock patch: ShoppingCartEvents: added setCartObjectAndAttr + refactor
- stock patch: order: setSessionProductStore: extend sync section
- stock patch: UtilHttp: prevent slashes in "application names"
- stock patch: createWorkEffortGoodStandard: estimatedQuantity type-convert="true"
- stock patch: createWorkEffortGoodStandard: estimatedQuantity now Number
- stock patch: createContentAlternativeUrl: fix localeString type crash
- stock patch: service: ServiceDispatcher: bugfix slow-service logging
- stock patch: service: ServiceDispatcher: checkAuth: bugfix bad makeValid
- stock patch: service: ServiceDispatcher: fix getCallbacks logic
- stock patch: order: service: cancelOrderItem: handle items w/o shipgroup
- stock patch: WidgetWorker.determineAutoLinkType: NPE and error handling
- stock patch: order: editorderitems.ftl: bugfix form js affect browser
- stock patch: product: images: use UTF-8 for filename enc, not request
- stock patch: entity: ModelReader: english typo
- stock patch: product: services: log="quiet" on small/getter services
- stock patch: services.xsd: support log="quiet" mode
- stock patch: ProductSearchSession: refactor into parseSortOrder
- stock patch: RequestHandler: prevent _REQUEST_HANDLER_ in session
- stock patch: PersistedServiceJob: don't log RecurrenceInfo as warning
- stock patch: images: bugfix NPE from ImageIO.read (may return null)
- stock patch: service: rmi: RemoteDispatcherImpl: bugfix thread safety 2
- stock patch: service: rmi: RemoteDispatcherImpl: bugfix thread safety
- stock patch: party: services: ensurePartyRole: don't use entity cache
- stock patch: all: replace apache commons lang(2) with commons lang3/text
- stock patch: services.xsd: allow empty services files
- stock patch: DBCPConnectionFactory: fix generics after lib update+close
- stock patch: controller: redirects: new attr: connection-state (renamed)



- stock patch: controller: redirects: do not close connections; new attr
- stock patch: minilang: call-service: fix error logging
- stock patch: all: index.jsp: bugfix redirect not preserving parameters
- stock patch: RequestHandler: fix cases null `_CONTROL_PATH_` with getter
- stock patch: RequestHandler: revert extras
- stock patch: RequestHandler: pre-parse the redirect status codes
- stock patch: field lookup: log to browser console field Lookup ajax errors
- stock patch: field lookup: don't alert on field Lookup ajax errors
- stock patch: fieldlookup.js: ajax: partial revert last commit
- stock patch: fieldlookup.js: ajax: don't do location reload on error
- stock patch: webapp: control: fix/improve sessionId display in log
- stock patch: CustRequestForms: ListRequestItems: bugfix invalid target
- stock patch: ofbizsetup: re-disable the right way (decorator/webapp fix)
- stock patch: form renderer: bugfix list missing html boundary comments
- stock patch: UtilURL: null, getOfbizHomeRelativeLocationFromFilePath
- stock patch: admin: ArtifactInfo.ftl: bugfix `?url` usage
- stock patch: admin: ArtifactInfo.ftl: fixed double-escaping
- stock patch: UtilURL: getOfbizHomeRelativeLocation: bugfix slash
- stock patch: controller: implement request-redirect-last
- stock patch: RequestHandler: support extraParameters in makeQueryString
- stock patch: framework: service, event: refactors event message handling
- stock patch: CatalinaContainer, UtilHttp: new ServletContext sync object
- stock patch: controller: new "save-request" attribute on responses
- stock patch: RequestHandler: make only spec. redirects use `REQ_ATTR_MAP`
- stock patch: RequestHandler.doRequest: improvement to request response
- stock patch: widget-screen.xsd: bugfix booleans for flexible expressions
- stock patch: Form/GridFactory: prevent duplicate instances
- stock patch: all: *.xsd: simplify boolean types
- stock patch: widget-*.xsd: allow entity-and with no field-map (find all)
- stock patch: product: services: FindBestSellingProduct: prevent crash
- stock patch: ControllerRequestArtifactInfo: request response NPE+exprfix
- stock patch: humanres: bugfix expirePayHistory service def
- stock patch: ArtifactInfoGatherer: remove bad relation-name checks
- stock patch: widget: *Factory: refactor xml loading
- stock patch: widget: FormFactory: bugfix createModelForm NPE
- stock patch: widgets: allow empty form/menu/tree files
- stock patch: UtilXml: log caller information when warning null
- stock patch: all: *.groovy: do not re-read userLogin from session
- stock patch: all: HttpSession: sync using UtilHttp.getSessionSyncObject
- stock patch: CatalinaContainer, UtilHttp: new session sync object
- stock patch: ShoppingCart: clear request attribute on session.invalidate
- stock patch: controller: new after-logout event type
- stock patch: ShoppingCart: clear request attribute on session.invalidate
- stock patch: ShoppingCartEvents: bulkAddProductsInApprovedOrder: cartfix
- stock patch: RequestHandler: improved no-save request attributes
- stock patch: WebShoppingCart: ensure init callers use CartSync
- stock patch: all: *.ftl: remove, atomicize session attributes access



- stock patch: all: *.groovy: switch hasPermission checks to use request
- stock patch: all: *.java: switch hasPermission checks to use request
- stock patch: all: *.ftl: switch hasPermission checks to use request
- stock patch: Security.java: bugfix hasPermission NPE null session
- stock patch: Security.java: new permission HttpServletRequest overloads
- stock patch: all: minilang: fix groovy script blocks to use CDATA, lang
- stock patch: ArtifactInfoFactory: fix NPE, incomplete DispatchContext
- stock patch: ShoppingCartEvents.destroyCart: remove shoppingCart reqattr
- stock patch: ObjectType.isEmpty: fix missing Iterable (ShoppingCart)
- stock patch: shop: CustomerEvents.xml: use getCartObject
- stock patch: minilang: support try/finally block (catch missing)
- stock patch: shop: session product lists: fix thread safety
- stock patch: ProductEvents: LinkedList->ArrayList for session attr
- stock patch: EditProductQuickAdmin.groovy: thread safety
- stock patch: ReceiveInventoryAgainstPurchaseOrder.groovy: thread safety
- stock patch: ArtifactInfo.groovy: fix recentArtifactInfoList
- stock patch: ContentManagementWorker: use threadsafe session caches
- stock patch: OrderListState: rewrite as immutable
- stock patch: GetMenuContext.groovy: bugfix menuContext thread safety
- stock patch: WeightPackageSession: synchronize all operations
- stock patch: VerifyPickSession: synchronize all operations
- stock patch: PackingSession: synchronize all operations
- stock patch: shop: breadcrumbs: make breadcrumbs list unmodifiable
- stock patch: shop: breadcrumbs: use ArrayList for _BREAD_CRUMB_TRAIL_
- stock patch: WorkEffortSearchSession: fix thread safety
- stock patch: ProductSearchSession: fix missed sync block
- stock patch: WorkEffortSearch: make classes immutable where possible
- stock patch: WorkEffortSearchSession: bugfix constructors
- stock patch: ProductSearchSession: more thorough thread sync
- stock patch: ProductSearchSession: more threading, switch to ArrayList
- stock patch: ProductSearch: switch to ArrayList
- stock patch: ProductSearchSession: fix ProductSearchOptions init
- stock patch: ProductSearchSession: make fully thread-safe
- stock patch: ShoppingCartEvents.keepCartUpdated: comments
- stock patch: ShoppingCartEvents.keepCartUpdated: minor fixes (4)
- stock patch: ShoppingCartEvents.keepCartUpdated: minor fixes (3)
- stock patch: ShoppingCartEvents.keepCartUpdated: minor fixes (2)
- stock patch: ShoppingCartEvents.keepCartUpdated: minor fix
- stock patch: ShoppingCartEvents.keepCartUpdated: handle more user cases
- stock patch: ShoppingCartEvents.keepCartUpdated: refactor
- stock patch: ExpressCheckoutEvents.java: use CartUpdate sections
- stock patch: orderheader.ftl: prevent empty string userLogin due to !
- stock patch: ProductSearch: use ArrayList
- stock patch: ProductSearch.ProductSearchConstraint: now immutable
- stock patch: controller: new request-handler-wrapper handler type
- stock patch: Service(Multi)EventHandler: refactor service invocation
- stock patch: servicedef: new custom service property element



- stock patch: ServiceEventHandler: improve service reponse value parsing
- stock patch: Service(Multi)EventHandler: refactor service invocation
- stock patch: ProductConfigWorker: clone AFTER store in cache, not before
- stock patch: ShoppingCartItem: ensure orderItemPriceInfos is ArrayList
- stock patch: ShoppingCartEvents: initializeOrderEntry: bugfix currency
- stock patch: ProductConfigWrapper: use ArrayList instead of LinkedList
- stock patch: ShoppingCart: bugfix (rewrite) itemGroupByNumberMap copy
- stock patch: ShoppingCart: copy constructor should not change orderName
- stock patch: admin: ProgramExport: fix groovy context and simplify
- stock patch: admin: ProgramExport: bugfix line returns (html escaping)
- stock patch: minilang: new "synchronized" element
- stock patch: controller: add logging for synchronized events
- stock patch: ShoppingCart: thread safety: use thread-safe collections
- stock patch: ShoppingCart: thread safety: synchronize modifications
- stock patch: controller: improve value expression handling
- stock patch: controller: event: new synchronized element
- stock patch: order, shop: groovy: synchronize on cart for inline updates
- stock patch: CheckOutEvents: fix cart size check
- stock patch: CheckOutHelper: make fields final
- stock patch: ShoppingCartHelper: make fields final
- stock patch: shopping cart: change all LinkedList to ArrayList
- stock patch: orderentry: SetCheckoutTabBar.groovy: bugfix NPE
- stock patch: order: event: cancelSelectedOrderItems: several bugfix
- stock patch: order: service: cancelOrderItem: prevent item not found msg
- stock patch: ObjectType.isEmpty: bugfix missing Array support
- stock patch: ShippingEvents: allowMissingShipEstimates flag
- stock patch: ShippingEstimateWrapper: bugfix null shippingMethods
- stock patch: ShippingEvents: fix hard english
- stock patch: UtilProperties.getMessage: warn if locale null (dont crash)
- stock patch: ShippingEvents.getShipEstimate: fix error check
- stock patch: CheckOutHelper.setCheckoutOptions: missing ship error check
- stock patch: PayPalServices: fix service response check
- stock patch: order: recalShippingTotal: log ship estimate errors better
- stock patch: ShippingEvents.getShipGroupEstimate: fix not passing locale
- stock patch: ShippingEvents: getShipGroupEstimate: stop on service fails
- stock patch: ShippingEstimateWrapper: loadEstimates: use sep transaction
- stock patch: ShippingEstimateWrapper: getShippingMethods now filters bad
- stock patch: ShoppingCart: setDefaultCheckoutOptions: presel valid ship
- stock patch: ShippingEstimateWrapper: fix fields, thread safety
- stock patch: ShipmentEvents fix comment typo
- stock patch: calcShipmentCostEstimate: shippingEstimateAmount optional
- stock patch: ShippingEvents: getGenericShipEstimate: fix failure case
- stock patch: ShippingEvents: getShipGroupEstimate: nullfix shippingTotal
- stock patch: optionsettings.ftl: fix hardcoded english
- stock patch: ShippingEvents.java: getGenericShipEstimate: bugfix failure
- stock patch: ShippingEvents.java: methods now accept Locale
- stock patch: RequestHandler: softer crash if controller load fail (more)



- stock patch: RequestHandler: softer crash if controller load fail (fix)
- stock patch: RequestHandler: softer crash if controller load fail
- stock patch: ControllerConfig: fix all non-final fields, thread safety
- stock patch: controller: request-map: new override-mode (replace/merge)
- stock patch: product: *.groovy: fix bad logging statements
- stock patch: LoginEvents.java: setUsername: bugfix .Username cookie
- stock patch: LoginEvents.java: fix missing space in logging
- stock patch: LoginEvents.java: fix username cookie name
- stock patch: site-conf.xsd: bad doc for cross-redirect
- stock patch: party, facility: telecom extension: fix update logic
- stock patch: party: updateTelecomNumber service: param: forceNewRecord
- stock patch: all: minilang: fix NOOP value="" assignments
- stock patch: minilang: SetOperation: warn value="" is a NOOP
- stock patch: TemporalExpressions.java: fixup logging
- stock patch: entity eca, minilang: bugfix Boolean not-equals operator
- stock patch: party: updatePartyPostalAddress: return oldContactMechId
- stock patch: party: emails: fix default WebSite when only productStoreId
- stock patch: facility: updateFacilityContactMech: fix needless recreates
- stock patch: all: services: fix inappropriate set-if-null="false"
- stock patch: all: services: fix inappropriate set-if-null="false"
- stock patch: party: UserEvents.xml: createUser: support custom purposes
- stock patch: facility: deleteFacilityContactMech now expires Purposes
- stock patch: party: deletePartyContactMech: now also expires Purposes
- stock patch: party: UserEvents.xml: storeNewUserLogin: comments
- stock patch: party: UserEvents.xml: storeNewUserLogin add snulSkipSetCurrent flag
- stock patch: party: UserEvents.xml: factor out login creation
- stock patch: party: UserEvents.xml: createUser: fix typo
- stock patch: controller: new view-last default-view setting
- stock patch: accounting: addtax: fix missing date filter
- stock patch: createCommissionInvoices: fix missing date filter
- stock patch: ContactMechWorker: get*ContactMechValueMaps: improve lookup
- stock patch: GenericEntity: setAllFields: typo
- stock patch: ContactMechWorker: get*ContactMechValueMaps: cache warn
- stock patch: ContactMechWorker: get*ContactMechValueMaps: improve query
- stock patch: EntityQuery: new filterByDate(boolean) overload
- stock patch: product search: checkDoKeywordOverride: link gen overrides
- stock patch: ComponentConfig: fix component count error detection, utils
- stock patch: ComponentConfig: fix blocking and disabled component cache
- stock patch: widget renderer: section: relax condition warning (log)
- stock patch: service: PersistedServiceJob: improved logging
- stock patch: service: PersistedServiceJob: improved logging
- stock patch: service: PersistedServiceJob: improved logging
- stock patch: GenericHelperFactory: bugfix thread safety
- stock patch: GenericEngineFactory: bugfix thread safety and className
- stock patch: PackOrder.groovy: fix logging
- stock patch: NotificationServices.setBaseUrl: logging
- stock patch: all: bugfixes in hashCode/equals methods



- stock patch: ShoppingCart.getPaymentMethodTypes: bugfix wrong IDs used
- stock patch: ServiceUtil: getErrorMessage: improve string handling
- stock patch: securityext: LoginEvents.java: minor code fixes
- stock patch: marketing: TrackingCodeEvents: fix tracking cookie name
- stock patch: marketing: java: minor cleanups
- stock patch: humanres: HumanResEvents.java: minor fixes
- stock patch: asset main: minor cleanup java sources
- stock patch: ofbiz-component: add generic server-scan JAR filter support
- stock patch: UtilProperties: fix bad resource extension stripping
- stock patch: GenericEntity.toString: fix print order to show PK first
- stock patch: ModelEntity: fix getFieldsUnmodifiable useless array copy
- stock patch: ModelEntity: fix getAllFieldNames not preserve field order
- stock patch: ModelEntity: refactor to fix/remove synchronized blocks
- stock patch: entity: filterByDate: do not throw ex. on bad field names
- stock patch: entity: GenericEntity: throw EntityFieldNotFoundException
- stock patch: widget: ContentWorkerInterface: add forward-compatible default methods
- stock patch: WebSiteForms.xml: fix booleans which should be ternary
- stock patch: SurveyWrapper: bugfix currencyResponse always zero
- stock patch: UtilProperties: getPropertyAsBigDecimal: no warn if empty
- stock patch: EntityUtilProperties: add missing getPropertyAsXxx overloads
- stock patch: UtilProperties: warnings/log on getPropertyNumber method
- stock patch: UtilProperties: catch runtime ex. on number conversions
- stock patch: crm: convertLeadToContact: use ensurePartyRole instead of createPartyRole
- stock patch: all: minilang: format/standardize code (manual)
- stock patch: workeffort: createWorkEffortReview: fix missing userLoginId populate
- stock patch: PriceServices.xml: fix typo (inlineHandlePriceWithTaxIncluded)
- stock patch: ProductServices.xml: improve error msgs and labels (duplicateProduct, permissions)
- stock patch: all: minilang: remove whitespace (manual) (90 files)
- stock patch: all: minilang: format/standardize code (manual)
- stock patch: ComponentConfig: add toString methods for log/debug
- stock patch: minilang: do not log very common deprecations
- stock patch: minilang: set: do not log deprecate for from-field, default-value
- stock patch: minilang: set: do not log deprecate for from-field, default-value
- stock patch: minilang: fix bad MiniLangUtil.containsScript checks
- stock patch: minilang: script elem: bugfix operators, add "lang"+trim, validation
- stock patch: content: service: removeContentAndRelated: remove ContentAttribute
- stock patch: ShoppingCartHelper.java: fix swallowed error
- stock patch: ScriptUtil: add bsh scriptlet backward-compat mode (groovy), warnings
- stock patch: minilang: deprecate call-bsh and make invoke groovy
- stock patch: renderer: replace Beanshell use-when interpreter with Groovy
- stock patch: GroovyUtil: new language variants and Binding for expressions (Beanshell replacement)
- stock patch: controller: new HTTP method filter on request-map element
- stock patch: EntityConfig.java: add getEntityDataReaderNames
- stock patch: admin: services: entity import: fix boolean flag handling
- stock patch: shop: demo data: remove duplicate BoatRowSimple record



- stock patch: shop: DemoOrderTestData.xml: fix bad agreementTermId range
- stock patch: HttpRequestFileUpload: use UTF-8 on String.getBytes
- stock patch: PcChargeApi: bugfix possible input XML doc corruption
- stock patch: EntityCrypto: use UTF-8 for EntityKeyStore keyName + compat
- stock patch: admin: SearchLabels: bugfix broken labelKey search, add regex, remove useless "duplicate labels" list
- stock patch: HashCrypt.java: rearrange digestHashOldFunnyHex
- stock patch: HashCrypt: all new password hashing now forced UTF-8; fallback on system charset for reading old records
- stock patch: party/shop: user events: fix deprecated HashCrypt calls
- stock patch: base: Base64.java: fix null returns, UTF-8, new methods
- stock patch: GroovyUtil.eval: fix method to use custom config/classloader, warnings
- stock patch: widget: form renderer: improve/fix use-when interpreter use
- stock patch: all: fix invalid file locations in stock code
- stock patch: misc: small formatting/comment cleanups in misc files
- stock patch: minilang: ValidateMethod.java: unhardcode bad package name
- stock patch: commonext: controller: fix missing type="screen" on views
- stock patch: test-suite.xsd: fix comment about script locations
- stock patch: LabelReferences: search for groovy files in whole component
- stock patch: ReceivInventory.groovy: fix service result check
- stock patch: ModelService: do not log deprecated service as warn on load
- stock patch: ModelServiceReader: trim deprecatedReason
- stock patch: order: secas.xml: bugfix setCustRequestStatus bad condition on webSiteId
- stock patch: content: entitymodel: add Content labels file
- stock patch: HtmlFormWrapper (deprecated): emergency fixes (old code)
- stock patch: entity, service: java: fix missing Serializable in classes
- stock patch: all: java: comments: remove string XXX from comments
- stock patch: minilang: bugfix containsScript logic for <script> element
- stock patch: shipment: DhServices, UpsServices: remove unreachable code
- stock patch: all: java: silence acceptable unlikely arg type warnings
- stock patch: widget: renderer: move getAjaxParamsFromTarget, deprecate
- stock patch: widget: WidgetContextCacheKey: added getFieldNamesToSkip()
- stock patch: widget: WidgetContextCacheKey: exclude RenderOptions
- stock patch: all: java: use HttpServletRequest.getServletContext()
- stock patch: widget: renderer: REMOVED broken @menuWrap, HtmlMenuWrapper
- stock patch: widget: *StringRenderer: create StringRenderer base class
- stock patch: content: OutputServices: remove FoFormRenderer (no replacement)
- stock patch: widget: new (Widget)RenderOptions, warn missing renderers
- stock patch :ShipmentServices: minor EntityListIterator fix
- stock patch: accounting: createGiftCertificate: bugfix missing fields
- stock patch: applied changes done in the makeAutoDescription which basically uses ProductPromoUiLabels.xml
- stock patch: CheckOutHelper: authErrorMessage: to ProductEntityLabels
- stock patch: CheckOutHelper: processPayment: now supports locale
- stock patch: CheckOutHelper: store authErrorMessage: localize+default
- stock patch: content: fix hardcoded english
- stock patch: createGiftCard/updateGiftCard: fix cardNumber masking



- stock patch: GenericEntity: new overload: getString(String, ..., Locale)
- stock patch: genericresult.ftl: bugfix escaping/misc
- stock patch: genericresult.ftl: bugfix invalid ftl code (missing values)
- stock patch: GenericValue: fix indent
- stock patch: GiftCardServices: ofbGcPurchase: check surveyId
- stock patch: ofbGcPurchase: bugfix sendMailFromScreen (sync->async)
- stock patch: ofbGcPurchase: bugfix sendMailFromScreen (sync->async)
- stock patch: ofbGcPurchase: bugfix sendMailFromScreen (sync->async)
- stock patch: ofbGcPurchase: bugfix sendMailFromScreen (sync->async)
- stock patch: order: ProductDetail.groovy: bugfix memleak (surveyWrapper)
- stock patch: orderentry, shop: additem: bugfix wrong/missing partyId
- stock patch: orderentry: showcartitems.ftl: fix survey link + localize
- stock patch: OrderErrorUiLabels.xml: fix "choose variation" case
- stock patch: orderheader.ftl & others: prevent userLogin-related crash
- stock patch: orderitems.ftl: check orderItemPriceInfo.modifyAmount??
- stock patch: OrderReadHelper, ShoppingCartItem: fix weight/UomId lookups
- stock patch: OrderReadHelper.getPartyFromRole: warn bad partyId
- stock patch: OrderUiLabels.xml: fix OrderNothingToDoHere casing
- stock patch: ProductStoreSurveyWrapper: bugfix exception + more
- stock patch: ProductStoreWorker: bugfix wrongly looped code
- stock patch: ProductWorker: getAlternativePackingOriginalProductId
- stock patch: ScreenRenderer: populateContextForRequest: fix msg casting
- stock patch: ScreenRenderer: replace LinkedList->ArrayList for messages
- stock patch: sendOrderNotificationScreen: relax placing partyId
- stock patch: sendOrderNotificationScreen: warn if no bodyPar*.userLogin
- stock patch: sendOrderNotificationScreen: warn if no bodyPar*.userLogin
- stock patch: sendOrderNotificationScreen: warn if no bodyPar*.userLogin
- stock patch: service: persisted jobs: no exception on serialize errors
- stock patch: service: persisted jobs: no exception on serialize errors
- stock patch: service: persisted jobs: no exception on serialize errors
- stock patch: ShipmentWorker.java: new logging controls/limits
- stock patch: ShipmentWorker.java: new logging controls/limits (fix)
- stock patch: ShipmentWorker: add null check and infoOn()
- stock patch: shop: additemsurvey: bugfix forward to main on error
- stock patch: shop: create/updateGiftCard: now verifies card (best-eff.)
- stock patch: shop: create/updateGiftCard: now verifies card (best-eff.)
- stock patch: shop: CustomerSurvey.groovy: remove broken callResult flag
- stock patch: shop: OrderStatus.groovy: fix/improve logging
- stock patch: ShoppingCart.cleanUpShipGroups: bugfix iteration exception
- stock patch: SurveyWrapper: bugfix missing locale, uiLabelMap
- stock patch: SurveyWrapper: whitespace
- stock patch: UtilHttp: stashParameterMap: bugfix thread safety
- stock patch: UtilHttp: stashParameterMap: improve API
- stock patch: XmlSerializer: add "safe"/OrNull serialize overloads
- stock patch: XmlSerializer: add "safe"/OrNull serialize overloads
- upstream patch: ImportProductServices.java: fix apache poi deprecations
- upstream patch: product: ImageManagementServices: fix warnings



- upstream patch: ServiceArtifactInfo: fix deprecated method call



Security

- Various merges from OFBiz 17.12.
- controller: all (exc. shop): switch most requests to https="true"
- ofbiz patch: all: makeLink secure+encode flag fixes in *.java
- ofbiz patch: OfbizUrlBuilder: fix slash handling in buildPathPart*
- ofbiz patch: controller: https="true" is now default (not forced)
- ofbiz patch: RequestHandler.callRedirect: _REQ_ATTR_MAP_: exclude multiPartMap
- shop: web.xml: force secure cookies (https)
- Security fix for outdated foundation components
- security: @ofbizContentUrl: ContentUrlTag: secure prefix default, flags
- security: admin: controller.xml: disallow GET for entityImport
- security: admin: example: websockets: add security checks, enhancements
- security: admin: ProgramExport: run only on POST, extra perm/on checks
- security: admin: TemplateTest: tweak access checks (minor)
- security: base/lib: batik-all to 1.10
- security: base/lib: spring-core to 5.0.8
- security: base/lib: update jsoup 1.8->1.11.3
- security: DesCrypt: encrypt: add log warning on encrypt call
- security: DesCrypt: warn in log if generateKey() is ever called
- security: emails: replace baseUrl with baseSecureUrl (remaining)
- security: entity: crypto: REMOVE -kek-old (insecure DES key gen)
- security: EntityCrypto: remove unneeded DES deprecation warnings
- security: entitymodel: change UserLogin.currentPassword to long-varchar
- security: entitymodel: remove some useless info about currentPassword
- security: facility: viewShipmentLabel: fix request with access token
- security: HashCrypt: fix hardcoded hash type (UserEvents.xml)
- security: ImageUtil: cleanPathname: deny \0 null chars
- security: ImageUtil: cleanPathname: remove regexp, cleanup
- security: ofbiz merge: 071aea46f3 from 17.12 (login session fixation)
- security: ofbiz merge: 22edbff079 from trunk (strip json tomcat info)
- security: ofbiz merge: 41c7e85575 from trunk (disable DTDs for XML-RPC)
- security: ofbiz merge: 7150edd6544 from trunk (UtilXml: more restrictive parsing)
- security: ofbiz merge: 93636c16ac from trunk (sanitize XML-RPC errors)
- security: ofbiz patch: ContentUrlTag: fallback on content.url.prefix.secure first, not standard
- security: product: image: remove obsolete watermark jar and code
- security: qrcode: secure logo parameter using ID registry
- security: renderer: MacroFormRenderer: remove hard html, escaping
- security: shop: fix templates with explicit secure="false" links
- security: stock patch: HashCrypt: fix PBKDF2 salting
- security: stock patch: LoginEvents: url-encode Scipio.Username cookie
- security: stock patch: TrackingCodeEvents.java: encode siteId in cookies
- security: upstream merge: 49ee084485 from trunk (wrong perm action name in accounting rate services)
- security: upstream merge: aa8c538f7d from trunk (service permissions checks in applications)
- security: widget: more restrictive widgetVerbose field (minor)