

Releaselog RedSYS 5.1.1

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Introduction

RedSYS has been modified and there are really a lot of very nice new features, many bugfixes and changes in this version 5.1.1. On the next pages, you'll see the changes, bugfixes and new features in detail. Please notice, that the changelog is generated automatically and based on the SVN entry of each checkin. During the year 2008, we merged the German SVN branches with the international ones and so had to switch English as the master language, one result is for that, that we have this year a mixture of entries, but the next release will be complete in English, the advantage for you is, that the RedSYS developer team is now growing even faster.

Changes

- ISO-Länderliste integriert
- filefunctions.js: Zusammenbau der Links für Live- und Workansicht verbessert
- admin_botoptimizer_check.php: Benutzerhilfe hinzugefügt
- admin_content_editable_edit.php: Zusammenbau des Links für Workansicht verbessert
- system_fileinfo.php: Download des tar-Archivs funktioniert nun nicht mehr über einen direkten Link, damit das content.tar-Verzeichnis nicht mehr im Web erreichbar sein muss.
- system_content_editor.php: Zusammenbau des Links für Workansicht verbessert, erweitert und mit payone-Lastschriftverfahren getestet
- Verzeichnisse von root auf var geändert
- Dokumentation angepasst
- SEO: Metatagbereinigung, konfiguriert durch Whitelist in redsys.conf
- Doku angepasst und Funktionalität erweitert - ungetestet, v0.2
- Formatierung optimiert.
- saveEmailProtocolCustomerEntry soll die Methode saveProtocolCustomerEntry mit primary -> null aufrufen
- Wenn der zu zahlende Betrag ignoriert werden soll, wird das Konto ausgeglichen.
- Neuer Schalter, um eine Überzahlung zuzulassen.
- ERP verwendet nun die Funktion generatePdf zur Erstellung der PDFs. Jahreszahl aktualisiert
- Regex wurde mit erlaubten Sonderzeichen erweitert

- Texte für Hilfe optimiert/verbessert
- Mitwirkende ergänzt
- Dokumentation an Doxygen angepasst
- `assindexer.php`: `fetch_array` ohne `free_result` durch `fetch_first_row` ersetzt.
- `cgmapper.php`: Dokumentation angepasst
- Maximale Länge von Content-Titeln auf 500 Zeichen gesetzt.
- PDF-Tags aus Datenmodell entfernt.
- `httpd.inc.in`: Options -Indexes für alle RedSYS-Verzeichnisse hinzugefügt.
- NACE-Codeverwaltung in echt n:m-Beziehung umgewandelt
- `system_media_remove.php`: Vorbereitung für ref. Integrität
- Es muss zunächst der Haupteintag gelöscht werden, dann die untergeordneten Medien
- `connect.class.php`: `getVersioning` kann optional nun auch prüfen, ob für einen übergebenen Identifier eine Versionierungsdefinition existiert.
- `connect_oci8.class.php`: Workaround für PHP-OCI Bug <http://bugs.php.net/bug.php?id=42496>
- `protocolmanager.php`: Nicht verwendete Variablen und Konstantendefinitionen entfernt.
- `commerceinterface.php`: Variable `ativePrice` in `activePrice` umbenannt.
- `a.php`: Per header das Nichtcachen der Admin-Seiten im Browsercache erzwungen.
- `attributemanager_master.php`: In `getAttributeQuery`

- LOWER aus SQL entfernt und zentral in PHP gemacht.
- articlewebmanager.php: Methode find optimiert, damit bei einfachen Anfragen möglichst wenige DB-Requests gemacht werden.
- articlewebmanager.php: Neuer Parameter fetchPrices in openArticleList.
- Bei false wird das Ermitteln der Preise verhindert.
- media.functions.php: Ermittlung der Dateierweiterung optimiert.
- admin_export_mediadb.php: An die Ordnernamen wird die Ordner-ID nicht mehr in eckigen Klammern angefügt sondern mit einem Unterstrich.
- admin_export_mediadb.php: Die Dateien des Eingangskorb werden nun in einem eigenen Ordner INBOX abgelegt.
- cache.class.php: Während eines Aufrufes wird nun gecached, ob für ein Identifier DependencyCache-Datensätze vorliegen.
- connect.class.php: make_insert, make_delete und make_update
- rufen nach einer Aktion nun auch free_result auf.
- versioning.class.php: Während eines Aufrufes wird nun gecached, ob für ein Identifier Versionierungen gespeichert werden müssen.
- module_view.php: Liste der Dateien besser strukturiert.
- getmedia.class.php: Wenn untergeordnete Medien keine eigene Bildunterschrift haben, wird die vom Master übernommen.
- Optimierung der Performance in der checkEndAuction-

Methode.

- Bei bestehenden Artikeln kann auch dann ohne einen Gültigkeitsbeginn ein Gültigkeitsende gesetzt werden.
- Webstruktur-Fileinfo: Nach dem Ändern des Dateinamens oder des Dateityps wird nun der Cache dieser Seite geleert.
- In der AdminSession wurden auch alle in der Session benutzten Übersetzungen gespeichert. Das ist nun deaktiviert.
- apeditlist und apeditpanel unterstützen nun über die "numeric"-Option
- den Schalter numeric_ conversion des Select-Feldes der form-Klasse.
- Medien-Schemata und -Kategorien werden bei Updates nicht mehr verändert.
- Textänderung bei der Dateiinformationsseite unter dem Reiter Metatags
- Textänderung bei der Dateiinformationsseite unter dem Reiter Metatags
- nolanguage check for getLocalizedString
- auskommentierte Root-Backdoor komplett entfernt.
- getLocalizedString fuer module -> content wurde eingebaut
- Text-Änderung beim protokollempfaenger-hinweis
- installer.dbcheck.class.php: Standardeinstellung für das Leeren des Tabellencache ist nun deaktiviert.
- soap-Verzeichnis ins Vorlagenverzeichnis verschoben.
- RedSYS-Header in soap-Dateien eingefügt und SVN-Eigenschaften gesetzt.
- cgmapper.php: Dokumentation angepasst

- `affiliatemanager.php`:
- stores the md5 of the primary key in a different column.
- `session.class.php`: Defaultvalue of `allowclientcaching` is now false.
- `connnect_oci8.class.php`: Grenze für `free_result` Iteration auf 1000 erhöht.
- Warning-Ausgabe bei `ocifetchinto` unterdrückt.
- `a.php`: Bislang konnten Admin-Seiten ohne group- und
- access-Metatag ohne Login erreicht werden.
- Die Angabe der Metatagsgroup und access in den Admin-Seiten wird ab sofort
- ignoriert. Es findet immer eine Überprüfung statt, ob der User eingeloggedist.
- `session.class.php`: Doku der Methoden `AuthUser`,
- `CheckAccess` und `CheckGroup` angepasst.
- Die übergebenen Parameter können auch Arrays sein.
- newsletter versand mit `textformat` erweitert
- Leerzeichen in der kommaseparierten Liste der Empfänger werden entfernt.
- Dokumentation angepasst
- Die Weiterleitung nicht botoptimierter Links auf botoptimierte kann nun
- getrennt für GET- und POST-Requests aktiviert bzw. deaktiviert werden.
- Dokumentation angepasst
- `auto_newsletter.php`: Der zeitgesteuerte Versand von Newslettern erzeugt
- nun für jede Mail eigene Cronjobs, die gestaffelt ausgeführt werden.

- Beim Filtern der Metatags werden nun auch nachfolgende Zeilenvorschübe mit entfernt.
- cgmapper.php: Instantiieren der GMap-Klasse in eine eigene Methode verschoben. Vor jedem Befehl wird nun überprüft, ob das GMap-Objekt besteht.
- Header, die das Caching im Browser verhindern sollen, erweitert.
- Maximale Laenge des Untertitels auf Ebaylimit von 55 Zeichen erhoeht.
- saveXML mit LIBXML_NOEMPTYTAG erweitert
- path zum ttf geeandert
- style zuordnung wurde geandert
- doko angepasst
- Wenn die Multibyte-Bibliothek nicht vorhanden ist, kommt die ASS eingeschränkt auch ohne aus.
- mailclass-Indizierung auch beim Protokolempfaenger
- Added CSS properties to keep the tinymce editors background white.
- Added resolveRlink-Hook to all calls of botOptimize.
- admin_multihosts.php: deleted because never used.
- admin_newsletter_edit.php: not show query from serialletermanager
- admin_redsys_adminaccess_edit.php: path is now a suggesttext.
- The possible paths are calculated dynamically.
- admin_redsys_cron_view.php: Active cron jobs are shown in header.
- admin_redsys_cron_view.php: Active cron jobs are shown

in header.

- admin_redsys_cron_view.php: The columns startdate and enddate will only be filled if the value is not '1900-01-01'. This value means the cron job runs forever.
- adminmenu.class.php+system_nav_overview.php: Changed determination of language dependent webstructure folder titles.
- Adminpage classes: Many bugfixes and improvements.
- adminpage.apeditpanel.class.php: Text fields without fixed length and a height > 1 get a length of 100%
- adminpage.aplistview.class.php: searchdefault now works also for extended search.
- adminpage.class.js: Added additional correction for filenames in Ajax-Uploads
- adminpage.class.js: lastAction value was not correctly restored after Ajax action.
- adminpage.class.php, adminpage.apeditlist.class.php: It was not possible so get alert messages of Ajax calls.
- affiliatemanager.php: stores the md5 of the primary key in a different column.
- articlemanager.php+foldermanager.php: getXML methods changed to DOM.
- articlemanager_article_edit.php:
 - Add tab "Verbrauchsmaterialien" to "Cross-Selling".
- articlemanager_article_view.php: Added column article_id
- articlemanager_article_view.php: prices are now sortable.
- articlemanager_article_view.php: source code formatted.
- articlemanager_article_view.php: sql statement for articles optimized.

- articlemanager_quantitydiscount_assign.php deleted because it is not used anymore.
- articlewebmanager.php: \$fetchDatetime by openArticleList andfetchRawPrices, price at that time.
- articlewebmanager.php: attribut select witch a key attribute_id.correct search by non-ambiguous attribut name
- ASS: new type of synonyms added to have n:m relations between synonym and search word.
- ass_shopneuindizierung.php: articles, not indexed because of thewrong folder,are not shown anymore. They will be silently ignored.
- assindexer.php: get_domain_lang_meta moved to functions.inc.php.
- attributemanager: TableView-Attributes can now belong to a attribute group.
- attributewebmanager.php: read groupname from \$this > adata in getAttributeValue
- auto_newsletter.php: this cron send mail from seriallettermanager
- basketwebmanager.php: call of function getZoneShippingAndHandling is possible witch zone_id.
- Botoptimizer now checks files for existance.
- c.php: sitemenu will be build before cache to enable community cached menu.
- Change of the "message of the day" layout
- Changed the webstructure XML export files encoding (from UTF-8 to ISO-8859-1)

- Chat-Plugin updated to new admin masks and adapted to modern RedSYS architecture.
- `commercecustomer.php`: Typo in comments solved
- `connect.class.php`: `isSqlInjection` will send a mail to
- `$REDSYS_ENV['err_handler']['mail_recipient']` in case of an error or a SQL injection.
- `connect.class.php`: Since PHP 5.2.0 there is a limit in `preg_replace`
- for length of subject (`pcre.backtrack_limit`) which caused `isSqlInjection` to report a false SQL injection warning.
- `connect_mysql.class.php`: `mysql_escape_string` replaced with `mysql_real_escape_string`
- `connect_pgsql.class.php`: `make_insert`, `make_update`, `make_delete`
- now build correct sql for numeric values.
- `contentmanager_content_edit.php`:
- Changed type of form field `relationtype` to `suggesttext`.
- `cron_CheckReminder.php`, `protocolmanager.php`:
- mail body text definition is in the `protocolmanager.php`
- Default emailaddress was wrong, fixed to `admin@aman.de`
- Default setting added for `imagemagick` commandline
- Options to clear CMYK ICC profiles for `webimages`
- Deleted unneeded directories `admin/images` and `data/reference`
- deprecated cron functions `empties` and all occurrences deleted.
- Directories `content/admin/pages`, `content/data/includes` and `content/data/vorlagen` moved to `kernel/install/presets/`.

- The installer will copy these directories to the right places when installing RedSYS.
- duplicate.conf, formMail.captcha.conf.php.in: Comments written in english & completed Empty dictionary is returned when there is no data, error XML is returned on database failure.
- Export and import webstruktüre, language packages, split the getLocalString into frontend and backend favicon.ico.in, robots.txt.in, templates.in and erp.in moved to preset directory.
- foldermanager_folder_datechange.php: buttons apply and apply_back is removed. save the date for all article is done with EventHandler
- foldermanager_folder_edit.php: Allowed & for folder names.
- form.class.php: Added tooltips to doubleselect buttons.
- functions.inc.php: getCountryId switched do fetch_field.
- functions.inc.php: new_phpbean now makes the optional installed check before instantiation of the class.
- functions.inc.php: self defined keys_to_lower replaced by array_change_key_case.
- geocodeAddresses.php: After 10 unsuccessful requests addresses are excepted from further google-maps requests.
- getmedia.class.php: image metadata will not be written to session any longer.
- Hints are translated in english
- Hints for gmail added
- importMediaFromDir.php,media.functions.php,system_me

dia_fileimport.php: search paths to external url or remote paths witch my_find, my_openExtDir was deleted in functions.inc.php

- indexShoparticle.php: job optimized for performance
- Installer cleans up files in tmp directory after work is done.
- installer.dbcheck.class.php: For Postgres the change of a varchar or char field into text now is a automatic change.
- installer.dircheck.class.php: Removed check for unneeded directories.
- installer.envsetup.class.php: Default value for cron_processes changed to 2.
- installer.phpcheck.class.php: Required PHP version is 5.2.0.
- Installer: Frameset removed.
- Installer: Presets for conf files moved to kernel/install/presets.
- Installer: Presets for conf files moved to kernel/install/presets.
- mail.class.php: build_message and build_multipart are now deprecated
- because they are not used in mail.class.php.
- mailcrypt.class.php: Typo in comments solved
- master_country_view.php,
master_country_edit.php, redsys-dbmodel.xml:
1-n relation between countries and zones.
- master_master.php, master.php, webmaster.php:
Unneeded fields and code removed.
- media.functions.php, system_media_edit.php:

allow upload media with media path "file:"

- media_gallery.php: Added support for subdirectories.
- media_gallery.php: Improved searching for images.
- Mediadatabase: If a media is in calculation, only the editing of media files is denied, all other parts remain editable.
- MediaDB changed to new Adminpages. Many bugfixes and improvements.
- module_admin_template.php, module_file_popup.php: RedSYS-Id, Path and filename of additional pages is now shown.
- motd.inc.php will be backed up too.
- Old and unused clientstatistik scripts removed.
- portletmanager.php: getMediumById can return all media fields.
- postsetup.php: If postsetup.php.local did not exist an error was thrown.
- redsys.conf.in: Sort order for link types changed to frequency of usage
- redsys_cron.php: cron rotates log file.
- redsys-dbmodel.xml: by protocolcustomer field customer_id change
- delete restrict to delete cascade
- redsys-dbmodel.xml: Field media_id added to forum table.
- redsys-dbmodel.xml: Unneeded tables for seriallettermanager removed.
- redsys-vorbelegung_System.sql.php: Activated logging in cron-jobs.

- redsys-vorbelegung_System.sql.php: change the cron name from
- DropSystemMails_older_then_30days.php t
removeOldMails.php
- Removed needless "order by" from Sql-Statement
- removeOldMails.php: rename from
DropSystemMails_older_then_30days.php
- renderLinkedMediaCategories.php: If calculation fails DB entry of
- failed media file is removed.
- Results are sorted by area or word.
- seriallettermanager.php,dbquerymanager.php,
seriallettermanager_query_edit.php,
seriallettermanager_query_print.php,
seriallettermanager_query_result.php,seriallettermanager_query_view.php:
- seriallettermanager.php: change doco
- session.class.php: memberOf fields of LDAP users are not exploded anymore.
- The hierarchy of LDAP groups will be preserved.
- session.class.php: RedSYS will add SID to URL only if session.use_trans_sid=On and session.use_only_cookies=Off.
- suggestions.css: colours of suggestions box changed.
- system_clearingup.php: As from now confirmation dialogue has to be answered with the english word 'yes'.
- system_content_editor.php: Editor for static files changed to new adminpage classes including multilanguage rsysarea-tags

- system_fileinfo.php: Files will be marked as changed when they are renamed or the filetype is changed.
- system_media_medienkategorie.php+system_media_structure_edit.php:
- Selection of communitysetup is now done with a select field.
- system_media_view.php and system_media_edit.php now also show the ID of the medias.
- system_phpbean_install.php: removed plugin installation from admin area.
- system_phpbean_install.php: Unneeded parts removed and messages unified.
- The Installer will show RedSYS-Version not the version of the installer class.
- the url parameter viewwork and nocache are not included in bot-optimized
- links anymore. They remain as url parameter.
- Unneeded directories kernel/doc/ref und kernel/doc/pluginref removed
- Update of included PEAR-Classes
- vorlagen/areatag_example.rsys:
/c.php?linktype=mediaimage is deprecated,
changed to redsys://redsys.de/medialink.php.
- vorlagen/areatag_example.rsys:
/c.php?linktype=mediaimage is deprecated,
changed to redsys://redsys.de/medialink.php.
- workflowmanager.php,redsys-dbmodel_Shop.xml:
- function parseSubject for mail subject
- ws.php: memory_limit disabled.

- ws.php+commerceinterface.php: shop import returns more detailed messages in case of errors
- Xinha-Version: 1014
- xml_menu.php: all error messages will appear in error_log notecho anymore.
- xml_menu.php: get_domain_lang_meta moved to functions.inc.php.
- xml_menu.php: Google-Sitemap is now created with an extended header to enable validation.
- xml_menu.php: Sitemenu now also reads DB-Metatags and mtime to support this tags via alternative xml files.

Bugfixes

- session.class.php: num_rows-Aufruf befand sich hinter free_result
- admin_redsys_userprofile_edit.php: User-Administration beachtete nicht die Einstellungen zur Groß-/Kleinschreibung
- basketmanager_cart_drilldown.php: Datenbankverbindung wurde nicht aufgebaut.
- functions.inc.php: Falscher Ergebnisparameter bei der Ermittlung von DB-Botopt-Links verwendet.
- system_media_convert.php: Der Reload-Button erzeugte ein neues Fenster, wenn schon eine Konvertierung durchgelaufen war.
- fehlende free_results ergänzt.
- commerceinterface.php: Bei Artikeln, die noch keinen Preis haben, darf keine Überprüfung stattfinden, ob der Startpreis in der Zukunft liegt.
- system_media_edit.php: Preset für das Gültigkeitsende war nicht Schaltjahr fest.
- Tabelle zone_weightassign in zone_weightassign umbenannt
- redsys-dbmodel_Shop.xml: Fremdschlüsselbezeichner Fk_transportinsurance_vat_id und fk_weightassign_shippingtype_id waren zu lang.
- redsys-vorbelegung_Shop.sql.php: Währungssymbole und Bezeichnungen waren durch Zeichnsatzumwandlungen teilweise nicht mehr lesbar.
- admin_export_mediadb.php: Bei größeren Mediendatenbanken trat ein Timeout auf.
- admin_export_mediadb.php: Die Pfad- und Dateinamen

wurden in Kleinbuchstaben umgewandelt.

- versioning.class.php versuchte auf eine private Variable in der connect-Klasse zuzugreifen.
- communityinterface.php, basketinterface.php, commerceinterface.php:
- Die Konfig-Variablen benötigten eine aktive Session.
- Wenn es keine Session gibt, wird das nun abgefangen.
- dateFromStr, show_date, show_time und show_datetime gaben keinen Wert zurück, wenn das Land nicht definiert war.
- In der Länderliste gab es nur en-gb und en-us aber kein en.
- connect.class.php: Test auf SQL-Injektion erkannte einfach gescloste Anführungszeichen nicht.
- keine Sonderzeichen-umwandlung beim Text-newsletter
- Fehler im regulären Ausdruck behoben.
- a.php: system_login.php und system_logout.php müssen ohne Login erreichbar sein.
- admin_export_mediadb.php: Datei- und Ordernamen dürfen / \ ; und : nicht enthalten
- Beim Kommissionsschein müssen die Lagerorte immer ausgegeben werden.
- redsys_cron.php: Bei sehr vielen anstehenden Cronjobs konnte es zur Mehrfachausführung kommen.
- Jetzt wird ein Durchlauf spätestens nach einer Minute beendet, damit nicht mehrere Cron-Dienste gleichzeitig laufen.
- Die str_repeat-Funktion darf als zweiten Parameter nur Werte größergleich 0 erhalten.

- Auslesen des templates war an der falschen Stelle
- Das Verhalten von current in PHP hat sich geändert.
- module_admin_template.php: File-Id der aktuellen Seite wurde nicht korrektermittelt, daher wurde der Cache nicht geleert.
- Falsch benannte Icons für Webstruktur umbenannt.
- form.class.js: Im tinyCustomURLConverter wurde eine falsche Variable verwendet.
- redsys_cron.php: Die Methode deleteTimeouts löschte nicht nur alte sondern auch die noch nicht gestarteten Jobs.
- hiddenframe_getArticle.php: damit auch die kundenspezifischen Preise geholt werden, muss GLOBALS["cachedisabled"] gesetzt sein.
- installer.envsetup.class.php: motd.inc.php wird nicht mehr als include
- eingelesen sondern mit file_get_contents, damit PHP-Code in dieser Datei erhalten bleibt.
- httpd.inc.in: URL-Rewriting für content.tar gelöscht.
- admin_redsys_cron_edit.php: SaveCron if empty run_once return value was always false
- admin_redsys_cron_view.php: If some cron input fields were not filled, he page ran into a timeout.
- admin_redsys_cron_view.php: time of next run was miscalculated under some circumstances.
- adminmenu.class.php: MediaDB was not sorted correctly.
- adminpage.apeditlist.class.php,adminpage.aplistview.class.php:
- When searching select fields the primary key of the

options table was used like a string.

- The search did not work with PostgreSQL because of the type mismatch.
- adminpage.apeditlist.class.php: bug in table header when not displaying all buttons.
- adminpage.apeditlist.class.php: fields of type "hidden" were not hidden without the additional hidden flag.
- adminpage.apeditlist.class.php: load method was not used to get data for editing row.
- adminpage.apeditlist.class.php+adminpage.aplistview.class.php:
- filterRules are now filtered more smartly to avoid unnecessary database queries.
- adminpage.apeditlist.class.php+adminpage.aplistview.class.php:
- When searching for values in a select field with database query, options were not searched correctly.
- adminpage.class.js: After an AJAX file upload the target of the form was not resetted.
- adminpage.class.js: It was not possible to clear a formfield.
- adminpage.editpanel.class.php: Setting a specific action for submitAfterChange and submitAfterClick was not possible anymore.
- adminpage.include.php: needless command in outputQuantityDiscountAssign removed.
- adminpage.include.php: relationtype "Verbrauchsmaterialien" not be in the select "Verwandte Artikel"
- Articlemanager: Edit mask did not use the checkIn and

checkOut methods of attributemanager.

- The used methods in adminpage.include.php did not work correctly.
- articlemanager_article_view.php: Column sortorder was not sortable.
- articlemanager_article_view.php: Preventing search from being executed without any search string.
- articlemanager_article_view.php: SQL Syntax error due the false JOIN order.
- articlemanager_article_view.php: The columns linked to, folder and price can not be sorted.
- articlewebmanager.php: by not numeric value write as string in the \$values_key for getIdChunks
- articlewebmanager.php: Unneeded num_rows flushed all arrays etched from the database.
- asscategorymanager.php: Editing of criteria data did not work.
- assearchengine.php: Charset is only set if the php setting is filled.
- assearchengine.php: Setter methods for language and domain was not working.
- assearchengine.php: sql statements for language and domain dependent searches were not build correctly.
- attributemanager.php: The wrong column name of the ... attribute_id column was used in some methods.
- It has to be prefixed with the value of the property "table_extprefix".
- attributewebmanager.php: getAttributeValue threw a warning if groupname is not properly set.
- attributewebmanager.php: openAttributeSet built list of

attributes as an intersection not as an distinct union.

- basketmanager_cart_edit.php: Removed unused delete-Icon and duplicate onSave-customhandler
- c.php: creation of sitemenu moved back after enable_cache.
- Additional creation of sitemenu added, if page is not cached or community cache.
- cache.class.php: log message when redirecting unbotoptimized links did not contain the response code.
- cache.class.php: uncache did not work with empty parameter.
- Coding.Verschiedenes.formMail-Reference.php:
- Example for RedSYS-link was wrong.
- commerceinterface.php: Attribute error message were not take into account.
- commerceinterface.php: set_domvalidfile did not check for existence of the Session-Object.
- commerceinterface.php: Values of select fields were lowered.
- So in fact only numerical values worked until now.
- communityuser.php: HTML-Typo in description of emailfrom solved.
- connect.class.php: isSQLInjection did not work correctlywith RTF-files on pgsq, mssql and oracle.
- connect.class.php: isSQLInjection did not work.
- connect_mssql.class.php: make_update removed column id from update array.
- Removed unneeded loop in make_insert and make_update.

- connect_oci8.class.php: changed ocifreedesc(\$desc[\$key]) to\$desk[\$key]->free().
- connect_pgsql.class.php: if php property default_charset was empty the client encoding was not set properly.
- connect_pgsql.class.php: insert_id was not reset to 0 before an insert statement.
- connect_pgsql.class.php: Unneeded error message suppression removed.
- Content-Editables: Didn't work anymore because of the new file editor.
- contentmanager.php, media.functions.php: Typo in documentation fixed.
- contentmanager.php: getXMLSource did not use get_domain_lang_string for creation of menu titles.
- Content-Manager: Fix of foreign keys to allow cascading deletion.
- contentmanager_content_view.php: error messages were not shown correctly.
- contentmanager_content_view.php: tabheads sortorder may not in search
- contentmanager_type_editview.php: removed needless call to getLocalString.
- Content-Verwaltung does not work with MySQL because MySQL lacks referential integrity.
- customermanager.php: company_id was not used for identifying company in saveCustomer.
- customermanager.php: companyattributemanager was stored in the same variable as the customerattributmanager.

- customermanager.php: saveCustomer did not crypt password if SecurePassword was set.
- customermanager.php: When settings_one_to_one_company is enabled company name may not be a mandatory field.
- If this field is empty the linked company will be removed.
- customermanager_googlemaps_geocode.php: When first geocoding failed, no coordinates were set and no map was shown.
- Now a default value (center of germany) will be set.
- database preset of Shop.easylog_products was inserted with identity_insert, but table does not have a autoinc column.
- dbquerymanager_query_result.php: GET-Parameter id was not used to select query.
- erp_swift_edit.php: sql statement used limit clause, changed to connect-class method.
- Excel Writer did not work with large utf-8 files.
- filefunctions.inc.php: An error message of unlink was thrown, when files or folders were deleted.
- filefunctions.inc.php: An error message was thrown, when a new file was set live the first time, because the function tried to delete the (not existing) live version.
- filefunctions.inc.php: rsys_id was stored as a metatag.
- foldermanager.php: initFolderTree must not include cache file, it is not existent.
- With this clause, the error message suppression for the include isn't needed anymore.
- foldermanager: It was not possible to deactivate

articlemanager in XML menu.

- With big shops this feature is very memory consuming.foldermanager_folder_datechange.php: sortorder was not editable because of error in date handling.
- form.class.php: choosedir did not work on windows boxes.
- form.class.php: doubleselect did not properly work with IE when used with AJAX.
- form.class.php: language definition for WYSIWYG editors did not work.
- functions.inc.php, mail.class.php: rotation of log file must be done before writing new characters to it.
- functions.inc.php: forward2Url didn't handle language dependent title-tags of links.
- functions.inc.php: getLocalString now selects only translations with the same area or without any area.
- functions.inc.php: getLocalString select wert is not found where area is not null but a empty string
- functions.inc.php: Linkmanager links with extra parameters were not build correctly.
- functions.inc.php: some methods need include of adminmenu.class.php.
- functions.inc.php: uncronify used the wrong limits.
- getFullTag now returns alt-tag if you add \$extra
- getmedia.class.php: When searching for a linked media, the meta data of the link are now used (access handling, ...)
- If the php conf default_charset is not set, assindexer was not able to index docs. Now the charset ISO-8859-1 will be set.

- Imageeditor: PHP without bundled GD lack the function `imagerotate`.
- In this case imageeditor defines its own `imagerotate`.
- Imageeditor: Rotation of images rotated in the wrong direction.
- `importMediaFromDir.php`: Detection of already imported images didn't work.
- Incorrect indicated Icon with Internet Explorer.
- `install/main.php`, `install/choosedir.php`: forms used `$PHP_SELF` instead of `$_SERVER['PHP_SELF']`. This does not work with `register_globals` set to off.
- Installer did not recognize changes of uniqueness of indexes.
- `installer.chgpasswd.php`: Dependency-Cache und Versioning deactivated for db operations.
- `installer.class.php`, `installer.plugins.class.php`: Default plugins were not installed on new installation and update.
- Additionally an error in `connect.class` occurred because the `dbconnect_preset` was cleared but not refilled.
- `installer.plugins.class.php` did not include all necessary classes.
- `installer.super_dbsetup.class.php`: Updating of null values did not work.
- `installer.tab2setup.class.php`: Deleted tables were not filtered out for setup of global/local tables and were subsequently written to `redsys.conf`.
- `installer.writeconf.class.php`: `include_path` was incompletely set.
- `installer.writeconf.class.php`: `multihost` was not written

because of a misspelled variable.

- installer.writeconf.class.php: Wrong usage of installer class.
- Installer: While an update the default values were not set correctly.
- Language Setting in profile of system users did not work.
- mail.class.php: mail encoding quoted and base64 did not work properly.
- mail.class.php: utf-8 encoded mail bodies must not be translated by HTML-Entities.
- main.php: HTML-Bugs removed media.functions.php: error message were written to a wrong logfile.
- media.functions.php: Removed usage of wrong database object in Delete CompleteMedium.
- media.php: session object was not initialized correctly.
- media_gallery.php: Draft used wrong media class for thumbnail images.
- navi.js: call to undefined function setCronStatus removed.
- partnerlink_id_md5 in table partnerlink must not have a default value.
- Preset for description of Google Priority was longer than 255 characters
- redsys.conf.in: Inverted commas in comments have to be slashed or should not be used.
- redsys.conf.in: typo fixed.
- redsys_cron.php did not correctly work on windows boxes.
- Logging works now in a different way.
- redsys_cron.php: Empty line at the end of file removed.
- redsys_cron.php: Limits of the time fields were wrong

- redsys_cron.php: loadCronTable failed with Oracle because of a missing fromdate for a date value.
- redsys_cron.php: Query for jobs did not work with MS-SQL.
- redsys-dbmodel.xml: area column in system_lang_data must not be type text with default value but a nullable varchar(20).
- redsys-dbmodel.xml: Column systemcontent_id in table system_content must have attribute isnotnull="true".redsys-dbmodel.xml
- glb_customer:default value for usergroup is an empty string.
- redsys-dbmodel.xml: table system_media_schemata missed column "filter_grey".
- redsys-dbmodel_SiteSearch.xml: FK fk_indexindex_fkindex_id in ass_indexindex must not be set to onDelete=restrict
- redsys-vorbelegung_System.sql.php: call to getTablestructure in updateSystemContent did not work for MS-SQL (table names in square brackets).
- relation table for delivery zones was in the wrong submodel.
- removeOldCaches.php: typo in statistic message solved.
- removeOldMails.php: Added missing semicolonsession.class.php: Event onInsertUser was fired to early in method.
- sitesearch_result.php: Added missing braces.
- suggestions.js: size of suggestions box were not set properly.
- system.js: '-' and '_' must be filtered out of window

names.

- `system/pages/system_mediasearch_view.php`: The js-functions `mark` and `getmarked` tried to operate on a non existing object.
- `system_community_groupaccess.php`: did not use `communitysetup`.
- `system_content.php`: IE BUG by buttons
- `system_content_editor.php`: Saving of normal rsys pages didn't work.
- `system_linkman.php`: `fetch_array` instead `fetch_row` the column name to have in the array
- `system_media_convert.php`: Loopback did not work with MSSQL because keyword `DISTINCT` can not be used with column Beschreibung of type text.
- `system_media_convert.php`: Prevention of doubled uploads also checks for the target directory.
- `system_media_fileimport.php`: Set correct value for import directory.
- `system_media_popup_new.php`: Linked media wasn't correctly selected.
- `system_media_showlog.php`: Total size was not calculated correctly.
- `system_media_structure_edit.php`: community setup was not inherited properly.
- `system_media_structure_edit.php`: Inheritance of access rules didn't save `communitysetup`.
- `system_media_structure_edit.php`: Inherited Presets of access rules were not set correctly.
- `system_media_view.php`: media search did not work.

- system_tablestructure_view.php: Length of VARCHAR2columns(Oracle) was not printed.
- The Sql-Statement for sorting the results contained an error.
- typo in error message for the missing cgmapper-config solved.
- uncacheAdminMenu.php: unneeded string deleted.
- view.class.php: setUrldata did not check if parameter url in an array.
- Webstructure: Translation of title-Tag with l-Parameter did not work.
- Wrong regular expression fixed, now it is possible to install this plugin.
- Xinha: inserting images didn't work properly.
- Xinha: striping slashes did not work with named anchor links.
- xml_menu.php: isFirstEntry was true even when the next entry was at a higher level.
- xml_menu.php: Removed superfluous htmlspecialchars at reading metatags from xml files.
- xmldb.php: if \$matches[\$mid][0] is empty, preg_match have to search again from the beginning of the subject string because it could be a .xml file
- Attributewebmanager: Das Zurücksetzen von Gruppen erzeugte bei Angabe nicht existenter Gruppen eine PHP-Warnung. Jetzt werden solche Aufrufe ignoriert.
- Tabellenstrukturanzeige: Die Datenbankverbindung wurde zu spät aufgebaut.
- Debug-Ausgaben entfernt

- Die Session-Variablen wurden vor der Initialisierung der Session registriert.
- Partnerlinks-Info werden jetzt im Konstruktor in Session geschrieben und stehen somit sofort zur Verfügung.
- Beim Import wurde das Array mit der Anzahl der importierten Artikel nicht korrekt initialisiert.
- form.class.php: Wenn keine Style-Klasse definiert war, trat beim Medienauswahlfeld eine PHP-Warnung auf.
- mediaimage.class.php: Bei Konvertierungen wurde Debug-Text ausgegeben.
- beim DBLinks falsche variablen namen
- Das Löschen eines Links führte zum Löschen des Parents.
- contentmanager_content_edit.php: Falsches IdentityField bei verwandten Seiten.
- contentmanager_content_view.php: Sortierung darf nicht bei gelöschten Inhalten angezeigt werden.
- Fehler in der NACE-Tabellenvorbelegung behoben
- AdminPage-Klasse: Checkboxen mit Default-Wert 1 wurden immer selektiert
- standard-Renderer: Ein leerer Body-Tag führte zum mehrfachen Einfügen der gesamter Quelldatei ins Template
- PHPBean-Konfig: Falsche Graphik-URL berichtigt Fehler in der checkEndAuction-Methode, der den erfolgreichen Rückfluss der Warenbestände in das Lager nach beendeten Ebay-Auktionen verhinderte, behoben.
- falsche variable name von \$this->ENV auf \$REDSYS_ENV getauscht, this existiert an der stelle nicht Adminseiten des alten Contentmanagers waren beim Entfernen des Plugins nicht gelöscht worden.

- r3616 behob das Problem mit den nichtnumerischen Ids nicht vollständig.
- Beim Start ohne Daten wurde eine Warnmeldung von array_merge ausgegeben, da das \$data-Array noch nicht belegt war.
- Die Newslettergruppen wurden mit fetch_in_Aarray statt fetch_in_array ermittelt.
- Der Installer legte nicht die Verzeichnisse für den Bildeditor an.
- Fehlermeldungen von Ebay wurden beim Preview nicht ausgegeben.
- erp_ordlist_view_print.php: In SVN 3593 wurde das Feld body in content geändert. Diese Änderung muss hier auch angebracht werden.
- variablename wurde geändert Klammer hinzugefügt
- customermanager.php: Beim Abspeichern von Kundendaten in der Adminseite wird das Array mit Zugriffsrechten in einen String verwandelt.
- Diese Daten wurden anschließend auch der Adminseite zugewiesen.
- Die Umwandlung darf aber nur für die in der DB abgespeicherten Daten durchgeführt werden.
- master_master.php: fetch_row ohne free_result durch fetch_field ersetzt.
- connect.class.php: autocommit ist kein String sondern ein Boolean
- dateFromStr, show_date, show_time und show_datetime gaben keinen Wert zurück, wenn das Land nicht definiert war.
- In der Länderliste gab es nur en-gb und en-us aber kein

en.

- attributemanager_master.php:getAttributeValues
- erzeugteWarnungmeldungen, wenn es keine work-Tabelle gibt
- attributewebmanager.php: translateAttributeValues
erzeugte Fehler, wenn es keine Sprachunterstützung gibt
communityinterface.php: media.functions.php muss
includiert werden
- standard.renderer.php: Metatag-Bereinigung filterte auch
style- undscript-Tags
- Warenrückgabe in Methode
updateEbayAuctionByTransaction funktionierte nicht.
- workflowmanager placeNotification: Kundenmails
funktionierten nicht mehr, da immer ein leerer Adressat
eingesetzt wurde.

New Features

- Added area and language selection boxes on word table export.
- Added drilldown report for Media Logs. Drilldown plugin extended for CSV export possibility.
- Added few words of comments to the 3 new CSV methods in drilldown plugin.
- Added hook resolveRLink to manipulate links while converting from RedSYS-URL to official URL.
- Added multilanguage extension to rsysarea-Tags.
- admin_botoptimizer_check.php: mask is now able to convert RedSYS links.
- admin_botoptimizer_editview.php: New button to add DB-Botopt-Links via inserting a normal botoptimized url.
- admin_content_update_metatag.php: it is possible to set values for a user-defined metatag.
- admin_redsys_cron_view.php: New Button added to run the selected cronjob once at the next possible time.
- admin_redsys_cron_view.php: New column added, which shows the next run of a job.
- Admin-Area: error handling for all admin pages added.
- If an fetchable error occur a javascript alert with the message isshown.
- adminmenu.class.php: Reactivated RedSYS4 access handling for webstructure.

- The old access handling is used additionally.
- The new access handling has higher priority.
- adminpage.apeditlist.class.php: more precise handling to enable editing and/or deleting data.
- adminpage.apeditlist.class.php: new data source "datafunction".
- adminpage.apeditlist.class.php+adminpage.apeditpanel.class.php:
- Added suggesttext to adminpage classes.
- adminpage.apeditpanel.class.php: groups are now included in a div
- tag with id set to group name.
- adminpage.apeditpanel.class.php: New config option asGroup
- to show subtabs like a group.
- adminpage.apeditpanel.class.php: Upload of files is now possible.
- adminpage.aplistview.class.php: new data source "datafunction".
- adminpage.class.php: current language is now stored in a class variable to reduce the amount of database queries.
- adminpage.editpanel.class.php: new switch reloadAfterApply to reload the form after an apply action was done.
- After successful installation, the database is checked for an existing multihost entry. If not existing a new one is created.
- all shop discounts can be cumulative.
- aman_redsys_static_editor.php: input field added to

change content of title tag.

- Articleexport to Excel.
- articlemanager.php: new optional parameter `fetchOnlyAttributes` in call `to openArticleList`, to restrict the fetched attribute values.
- articlemanager: Added configurable offset for default date values of pricing.
- articlemanager: new property `settings_ass_cronjobextracontent` to add arbitrary content while indexing an article.
- articlemanager: new property `settings_pricedatefromrepairfirstprice` to correct the date of the first price.
- articlemanager_article_view.php: Switches "search in all/one/inherited folders" and "includeinvalid" are available in extended search.
- articlewebmanager.php: `quantitydiscount` and `affiliate discount` can be enabled/disabled with `getNetPrice`, `getPrice` and `getVatPrice`.
- articlewebmanager: discounts can be enabled by type with `getNetPrice`, `getPrice` and `getVatPrice`.
- articlewebmanager+basketwebmanager: new property `settings_quantitydiscount_use_masterfolder`.
If set folder quantity discounts are inherited to articles linked to other folders.
- ass_neuindizierung.php: makes usage of additional error messages of `assindexer` plugin.
- assindexer.php: When an error occurs while indexing, an

additional error message is set.

- `assearchengine.php`: search can be filtered by lang and domain parameter.
- `Attributemanager` for MediaDB.
- `attributemanager.php`, `articlemanager.php`,
- `foldermanager.php`, `redsys-dbmodel_Shop.xml`,
- `redsys-vorbelegung_Shop.sql.php`:
- `googlesitemap` for commerce-article
- `attributemanager_master.php`: new optional parameter `fetchOnlyAttributes` in call to `getAttributeValues`, to restrict the fetched attribute values.
- `Attributewebmanager` added to folder attributes and company attributes.
- `attributewebmanager.php`: new option `fetchOnlyAttributes` in call to
- `openAttributeSet`, to restrict the fetched attribute values.
- `BotOptimizer`: If a normal botoptimized url is called and a DB-botoptimized url exists, the request can optionally be forwarded.
- `BotOptimizer`: In multihost environments botoptimized urls can now be
- build for all hosts from each host.
- `Botoptimizer`: New config variable `bot_optimizer_excluded_vars` to
- exclude url parameter from botopt link calculation
- `c.php`: New value 'delete' for nocache parameter. With this value the page is removed from the cache.
- The user must be logged in to admin area to use this feature.

- clearingup.class.php: New method clearorder to clear all ERP orders.
- clearingup.class.php: Results are stored to variable and will be
- printed at system_clearingup.php after each run.
- common shop discounts.
- compiled Java chat classes added.
- contentmanager can now create a xml structure for dynamic sitemenu.
- contentmanager.php: new property settings_adminpage_userdefEdits to
- add a userdefined tab to content manager adminpage.
- contentmanager.php: Switches introduced to prevent deleting contents if
- there are any links to distribution, type or subject.
- Content-Manager: new relation between content and customer.
- contentmanager: offline structures can be made visible with the plugin switch show_offline_entries_admin.
- contentmanager_content_edit.php: new field targetwindow
- To store the target of a link.
- createcustomer.php, createcustomer.wsdl, createcustomer_simple.wsdl:
- SOAP-Service for adding redsys-Customers.
- customer_customer_view.php: Added TableView-Attributes to customer view.
- customermanager_customer_view.php: Rolle filter added.
- customermanager_googlemaps_geocode.php: If

geocoding fails addresses are stepwise generalized to get coordinates.

- DB-Botoptimizer now handles url with Slashes like path/to/file.html or path/to/file/
- Documented the XMLDB plugin.
- DropSystemMails_older_than_30days.php: Deleted all system mails if older than 30 days
- E-Shop: Added support for accessories of articles.
- E-Shop: Added support for consumables of articles.
- foldermanager can build language dependent sitemenus
- foldermanager has it's own attributes.
- form.class.php: New form element suggesttext: text element with static and dynamic autosuggestions while typing.
- fpdf: fpdf classes added to RedSYS
- functions.inc.php: new function convert_number -> Converts a given integer (in range [0..1T-1], (inclusive) into alphabetical format ("one", "two", etc.).
- functions.inc.php: new function do_error_string to return a var_dump, optional with stack, as a string.
- Internally do_error_log and do_error_mail use this new function.
- functions.inc.php: new function rotate_logfile_by_size
- functions.inc.php: redsys.log will now be rotated if size exceeds \$REDSYS_ENV["redsyslog_max_size"].
- getLocalString now converts translated frontend texts if the charset-metatag is set
- importMediaFromDir.php,

- renderLinkedMediaCategories.php,
- functions.inc.php,getmedia.class.php,
- media.functions.php,system_media_edit.php,system_media_fileimport.php,
- system_media_info.php,
- system_media_popup_new.php,redsys-dbmodel.xml:
- Add possibility to add media to mediadatabase from
- external url or remote paths. The added original media will be load from
- the original path and not save in the mediadatabase.
- install/main.php: client caching with session_cache_limiter denied.
- Installer can update tables dynamically with a userdefined function.
- Installer now checks plugin setups and adds missing setups.
- installer.dbcheck.class.php: Installer can change default values and
- length of varchar/char columns.
- installer.dir2setup.class.php: Switch for media download restrictions
- added to installer.
- installer.dircheck.class.php: Check for shop download
- directory var/download/ecommerce added.
- Installer: Plugin installation is now done in installer
- Installer: Plugin installation is now done in installer
- mail.class.php: MailbodyEncoding, MailbodyCharacterSet,
- MailheaderEncoding and MailheaderCharacterSet can be set independently.

- media.functions.php: getMediaIdsByDirId and getMediaIdsByDirName
- can check
- if a media is online. If not the media is not returned.
- media.php + system_media_restriction_editview.php: Media downloads
- can be restricted by IP-Adresse, transfer counts and transfer amount.
- media.php: Logs are now stored to db.
- media_gallery.php: new sample to show a media gallery.
- Mediadatabase: Added search for media files in calculation.
- MediaDB: MediaDB now supportes communitysetups.
- If a communitysetup is set,
- media.php forwards to the login page instead of sending a 403 error.
- MediaDB: Online scaling of images in media db.
- MultiLanguage.rsys: new webstruktur sample page for multilanguage pages
- new field streetnumber in Community, Shop and ERP
- New metatag charset to control the Content-Type-Header.
- New plugin for export and import XML files
- new RedSYS flag NoCommAccessWithAdminSession: If activated logged on
- admin users will not automatically be logged on to the community.
- new sitemenu flag hideRestricted. Menuitems will not be shown if the user
- does not have the access rights for it.

- By setting this flag the menu will be handled within dynamic-Tags
- to ensure that always the correct items are shown.
- new template chat.
- Possibility to login to this webservice with md5 encrypted password.
- protocolmanager.php, cron_CheckReminder.php: New plug-Config,
- for the reminder. How often should the Reminder email sent
- RedSYS document type RTF added.
- redsys_vorbelegung_System.sql.php: New cronjob for tranfering ASS-Stats to DB.
- redsys-dbmodel.xml: new column url_prefix in system_multihost.
- redsys-dbmodel.xml: new column url_prefix in system_multihost.
- redsys-dbmodel.xml: new tables added for the upcoming db-media-log.
- Redsys-Hook articlewebmanager_fetchRawPrices for custom specific
- shop discounts.
- removeOldMediaLogs.php: Cron job to delete old media logs.
- robots.txt.in: The location of the sitemap is now available in the robots.txt,
- Crawl-Delay is also an option for spider to slow down retrieval
- seriallettermanager, serialletter_fpdf.php:default definition

for fpdf,

- default letter paper for pdf serialletterdocuments
- seriallettermanager: new plugin for creating serial letters.
serial letters
- can be sent via email or can be downloaded as pdf.
- seriallettermanager_query_print_preview.php: preview
- for serialletterdocuments
- session.class.php: LDAP login field is now configurable.
- session.class.php: LDAP-Authentication is now supported directly.
- Status of Cron and MediaDB conversion are shown with AJAX.
- system/pages/system_media_view.php added title for "flatten"
- system/pages/system_media_view.php added title`s for images,
- to ensure the tooltips are shown on mouseover.
- system_content and system_botoptimizer are now a global tables.
- system_media_check.php now also checks files for consistency.
- system_media_convert.php: File structure import can be stored to a specified folder.
- system_media_restriction_editview.php: Media downloads can be restricted by IP-Adresse, transfer counts and transfer amount.
- system_media_showlog.php: New admin page for media log.
- Telecash Payment Manager added to the Paymentclass.

- XML Menu: New tags separator_before and separator_after added to
- optionally show html code between menu entries.
- xml_menu.php: Hook createGoogleSitemap added
- Installer: New setting CommunitySession_AllowClientCaching.
- This setting allows the client to cache content or prevents it from caching the content.
- Länderverwaltung erweitert um die Felder tld, dreistellige Länderabkürzungen
- und numerische Länderschlüssel
- Neues PEAR-Modul zum Erzeugen von Excel-Dateien.
- Xml Generator für formMail.php hinzugefügt
- Entwicklungsbeginn des Paymentmanagers für payone, v0.1
- Dokumentation ergaenzt
- Neue Mitwirkende
- neue retTypes um bild groesse zurueck zubekommen
- wenn feld "Metatag Description" auf registerkarte "suchmaschinen" nicht befüllt, dann die abstract wenn es befüllt ist, als description auszugeben
- functions.inc.php: Neue Funktion generatePdf. Wenn die
- PHP-Java-Bridge installiert ist, werden PDFs darüber erstellt, ansonsten durch einen exec-Aufruf.
- hinweis text fuer ordnername
- regex pruefung fuer ordner name
- Contentmanager: Neuer Typ von Verlinkungen: Verwandte Seiten.
- Contentmanager: In der Übersicht wird auch die

Sortierung mit ausgegeben

- form-Klasse: textarea erkennt jetzt auch Höhenangaben in Pixel und Prozent
- Die Variablen `localserver` und `localserver_ssl` können nun als Plugin-Property gesetzt werden.
- Mit diesen Variablen wird die automatische Ermittlung des Hosts bei der Indizierung unterbunden.
- Bei Postgres-Datenbanken wird nun der Zeichensatz korrekt zwischen Client und Server abgestimmt.
- Wenn die DB nicht mit `SQL_ASCII` kodiert ist, wird automatisch zwischen Webseitenkodierung und dem Zeichensatz des Servers (bevorzugt UTF-8) transformiert.
- NACE code erweiterung, zu der firmen kann nace code zugeordnet werden
- Imageeditor für JPG-Bilder in die MedienDB integriert.
- Neue Bereinigungsfunktion "Nicht im Shop benutzte Medien" löscht alle Medien, die nicht in einem Shop-Attribut vom Typ `medium` verwendet werden.
- Captchafunktion hinzugefügt
- Editor: Mit den Konfig-Variablen `url_filter_ever` und `url_filter_never` können die Hostnamen bestimmt werden, die von URLs entfernt werden müssen. Standardmäßig wird der aktuelle Host entfernt.
- Editor: `mimetex`-Formel können nun auch editiert werden.
- `redsys_cron.php`: Neue Konfig-Variable `cron_maxjobload` legt fest, wieviele Cronjobs bei jedem Durchlauf geladen werden.
- `functions.inc.php`: Neuer Parameter `globaldb` für `cron_addJobRunOnce` und `cron_addJob`.

- Der Parameter enthält den Namen eines globalen DB-Objektes.
- Wenn nicht angegeben legen die Funktionen selbst eine DB-Verbindung an.
- ttf fuer captcha
- captcha class fuer sichere formular versand
- Englische Sprachunterstützung bei Captcha hinzugefügt
- versandkosten berechnung mit zonenverwaltung
- Neues Plugin de.aman.cgmapper. Steuert den Zugriff auf die wegen GPL-Lizenz nicht in RedSYS integrierbare cgmapper-Klasse.
- Mit dem DB-Botoptimizer können nun auch Seiten explizit von der Erzeugung botoptimierter URLs ausgenommen werden.
- Adressenverortung mit GoogleMaps hinzugefügt
- Ref. Integrität für MedienDB hinzugefügt.
- Installer: Es können nun auch die Einstellungen für die Beachtung von Groß/Kleinschreibung
- in Usernamen und Passwörtern im Installer vorgenommen werden.
- httpd.inc.in: Rewrite Regeln eingefügt, die verschiedene Exploits blocken sollen.
- doku erweitert : Neuanlage
- articlewebmanager.php: Neuer Parameter parentsdir in getShopUrl,
- damit URLs differenzierter zusammengebaut werden können.