

Bachelorthesis

Titel der Abschlussarbeit

zur Erlangung des akademischen Grades

Bachelor of Science

eingereicht im Fachbereich Mathematik, Naturwissenschaften und Informatik an der Technische Hochschule Mittelhessen

von

Dieudonne Timma Meyatchie

14. Januar 2014

Referent: Prof. Dr. Peter Kneisel

Korreferent: Herr Dennis Priefer

Erklärung der Selbstständigkeit

Hiermit versichere ich, die vorliegende Arbeit selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt sowie die Zitate deutlich kenntlich gemacht zu haben.

Gießen, den 14. Januar 2014

Dieudonne Timma Meyatchie

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1 Einführung

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1.1 Motivation

Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus.

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt.

- 1.2 Problembeschreibung
- 1.3 Ziele dieser Arbeit
- 1.4 Abgrenzung
- 1.5 Vorgehensweise
- 1.6 Struktur der Arbeit

2 Hintergrund

3 Konzept

4 Realisierung

5 Zusammenfassung

- 5.1 Fazit
- 5.2 Auswertung
- 5.3 Weitere Ansätze
- 5.4 Nächste Schritte
- 5.5 Ausblick

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Listings

.

A Anhang 1

Menu

Page

In der Untersuchung von MenuItems in Joomla stellen wir fest, dass es verschiedene Page Type existiert, die dieselbe Elementen enthalten. Diese Elemente kommen zwar nicht in allen Items, aber so oft genug, damit wir sie eine extra Entität Menuentry options in der Grammmatik widmen. Sie besteht aus selbst den Entitäten "Link type Options", "Page Display Options", "Metadata Options". Ihre Abbildungen sehen folgenden aus:

CJSL	JOOMLA
• Link Title Attribute	• menu-anchor_title
• Link CSS Style	• menu-anchor_css
• Link Image	• menu_image
Add Menu Title	• menu_text
- no yes	- 0 1

Tabelle A.1: Link Type Options

CJSL	JOOMLA	
Browser Page Title Show Page Heading - no yes	page_titleshow_page_heading - 0 1	
 Page Heading Page Class	page_headingpageclass_sfx	

Tabelle A.2: Page Display Options

CJSL	JOOMLA
 Meta Description Meta Keywords Robots use global index, follow noindex, follow index, nofollow noindex, nofollow 	 menu-meta_description menu-meta_keywords robots Leer index,follow noindex, follow index,nofollow noindex,nofollow
• Secure - off on ignore	• secure1 1 0

Tabelle A.3: Metadata Options

Articelpage

In dem Contianer CJSL_Articlepage enthält verschiene Entitäten, die im Joomla Menuitem Type darstellen:

- Archived Articles
- Single Article
- List All Categories
- Category Blog
- Category List
- Featured Articles
- Create Article

Sie besitzen nicht nur die obengenannte Itemoptions gemeinsam, sondern auch verschiedene Entitäten, die nur bei Article Page vorkommen:

- Category Options
- Categories Options

- Blog Layout Options
- Ordering and Pagination Options
- Article Layout Options
- Integrations Options
- ArticleSettingtype
- OptionSettingtype
- MaxLevel Setting

Hier haben wir die Abbildung von den obengenannten Elemente: Die ArticleSettingtype -> ArticleStettingvalue, die ArticleOptiontype -> ArticleOptionvalue, und optionSettingtype -> optionSettingValue

CSL	Joomla
use global	leer
use article setting	use-article
hide	0
show	1

Tabelle A.4: ArticleSettingtype

CSL	Joomla
use global	leer
hide	0
show	1

Tabelle A.5: OptionSettingtype

CSL	Joomla
use global	leer
all	-1
none	0
1-5	1-5

Tabelle A.6:
MaxlevelSettingtype

CSL	Joomla
Show Feed Link - OptionSettingtype For each feed item show - use global - intro text - full text	 show_feed_link - OptionSettingvalue feed_summary - leer - 0 - 1

Tabelle A.7: Integration Options

CSL	Joomla
• Leading Articles	• num_leading_articles
• Intro Articles	• num_intro_articles
• Columns	• num_columns
• Links	• num_links
Multi Column Order	• multi_column_order
- use global	- leer 0 1
down across	

Tabelle A.8: Blog Layout Options

CSL	Joomla
 Show Top Level Category Description OptionSettingtype Subcategory Levels MaxlevelSettingtype 	 show_base_description OptionSettingvalue maxLevelcat MaxlevelSettingvalue
 Empty Categories OptionSettingtype Subcategories Descriptions OptionSettingtype 	 show_empty_categories_cat OptionSettingvalue show_subcat_desc_cat OptionSettingvalue

Tabelle A.9: Categories Options

CSL	Joomla
 Category Title OptionSettingtype Category Description OptionSettingtype 	 show_category_title OptionSettingvalue show_description OptionSettingvalue
• Category Image	• show_description_image
- OptionSettingtype	- OptionSettingvalue
• Subcategory Levels	• maxLevel
- OptionSettingtype	- OptionSettingvalue
• Empty Categories	• show_empty_categories
- OptionSettingtype	- OptionSettingvalue
• Subcategories Descriptions	• show_subcat_desc
- OptionSettingtype	- OptionSettingvalue

Tabelle A.10: Category Options

CSL	Joomla
 Display Select OptionSettingtype Filter Field OptionSettingtype Table Headings OptionSettingtype Show Date 	 show_pagination_limit OptionSettingvalue filter_field OptionSettingvalue show_headings OptionSettingvalue list_show_date
 OptionSettingtype Date Format Show Hits in List OptionSettingtype Show Author in List OptionSettingtype 	 OptionSettingvalue date_format list_show_hits OptionSettingvalue list_show_author OptionSettingvalue

Tabelle A.11: List Layout Options

CSL	Joomla
• Category Order	• orderby_pri
- Use Global No order	- leer* none
- Title Alphabetial	- alpha
- Title Reverse Alphabetical	- ralpha
- Category Manager Order	- order
Article Order	• orderby_sec
- Use Global	- leer*
- Featured Article Order	- front
- Most Recent First	- rdate
- Oldest first	- date
- Title Alphabetical	- alpha
- Title Reverse Alphabetical	- ralpha
- Author Alphabetical	- author
- Author Alphabetical Reverse	- rauthor
- Most Hits	- hits
- Leasts Hits	- rhits
- Article Manager Order	- order
Date for Ordering	• order_date
- use global created modified published	- leer created modified published
• Pagination	• show_pagination
- use global hide show auto	- leer 0 1 2
• Pagination Results	• show_pagination_results
- use global hide show	- leer 0 1

Tabelle A.12: Ordering and Pagination Options

CSL	Joomla
• Show Title	• show_title
- ArticleSettingtype	- ArticleSettingvalue
• Link Titles*	• link_titles*
• Show Intro*	• show_intro*
• Show Category*	• show_category*
• Link Category*	• link_category*
• Show Parent Category*	• show_parent_category*
• Link parent category*	• link_parent_category*
• Show Author*	• show_author*
• Link Author*	• link_author*
• Show create Date*	• show_create_date*
• Show Modify Date*	• show_modify_date*
• Show Publish Date*	• show_publish_date*
• Show Item Navigation*	• show_item_navigation*
• Show Vote*	• show_vote*
• Show Readmore*	• show_readmore*
• Show Readmore Title*	• show_readmore_title*
• Show Icons*	• show_icons*
• Show Print Icon*	• show_print_icon*
• Show Email Icon*	• show_email_icon*
• Show Hits*	• show_hits*
• Show Unauthorised Links*	• show_noauth*

Tabelle A.13: Article Settings Options

 $^{\ ^*}$ bedeudet, dass der Element Article Settingtype B.z
 Aticle Settingvalue als Parameter hat.

CJSL

- 1- List all Categories
 - Basic Setting
 - Select a Category
 - Categories Options
 - + Top Level Category Description
 - + Articles in Category
 - OptionSettingtype
 - Category Options
 - + Articles in Category
 - |- OptionSettingtype
 - + No Articles Message
 - OptionSettingtype
 - Blog Layout Options
 - + Include Subcategories
 - |- MaxlevelSettingType
 - Ordering and Pagination Options
 - List Layout Options
 - + Articles to List
 - |- 5 bis 100 | all
 - Artikel Layout Options
 - Integration Options
 - Menuentry Options

JOOMLA

- .List all Categories
 - Required Setting
 - featured_categories
 - Categories Options
 - + categories_description
 - + show cat num articles cat
 - |- OptionSettingvalue
 - Category Options
 - + show cat num articles
 - |- OptionSettingtype
 - + show no articles
 - |- OptionSettingvalue
 - Blog Layout Options
 - + show subcategory content
 - |- MaxlevelSettingvalue
 - Ordering and Pagination Options
 - List Layout Options
 - + display_num
 - |- 5 bis 100 | 0
 - Artikel Layout Options
 - Integration Options
 - Menuitem Options

2- Archived Article

- Basic Setting
 - Article Order (A.12)
 - Date for Ordering (A.12)
 - Articles to List (A.11)
 - Filter Field (A.11)
 - Intro text Limit
- Artikel Layout Options
- Menuentry Options

2- Archived Article

- Required Setting
 - orderby_sec (A.12)
 - order_date (A.12)
 - display_num (A.11)
 - filter_field (A.11)
 - introtext limit
- Artikel Layout Options

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• Menuitem Options

CJSL	JOOMLA
4- Featured Articles	4- Featured Articles
• Required Setting	• Required Setting
- Select Categories	- featured_categories
	- layout_type
• Blog Layout Options	• Blog Layout Options
• Ordering and Pagination Options	• Ordering and Pagination Options
• Artikel Layout Options	Artikel Layout Options
• Integration Options	• Integration Options
• Menuentry Options	• Menuitem Options
5-Category Blog Article	5- Category Blog Article
• Basic Setting	• Basic Setting
- Select Categories	- featured_categories
	- layout_type
• Category Options	• Category Options
+ Show Subcategories Text	+ show_category_heading_title_text
- OptionSettingsType	- OptionSettingsValue
+ Page Subheading	+ page_subheading
+ Articles in Category	+ show_cat_num_articles
- OptionSettingtype	- OptionSettingtype
+ No Articles Message	+ show_no_articles
- OptionSettingtype	- OptionSettingvalue
• Blog Layout Options	• Blog Layout Options
+ Include Subcategories	+ show_subcategory_content
- MaxlevelSettingType	- MaxlevelSettingValue
• Ordering and Pagination Options	Ordering and Pagination Options
• Artikel Layout Options	Artikel Layout Options
• Integration Options	• Integration Options
• Menuentry Options	• Menuitem Options

CJSL	JOOMLA
6-Category List Articles	6-Category List Articles
• Basic Setting	Basic Setting
- Featured Categories	- featured_categories
• Category Options	Category Options
+ Show Category heading Title	+ show_category_heading_title_text
- OptionSettingsType	- OptionSettingsValue
+ Page Subheading	+ page_subheading
+ Articles in Category	+ show_cat_num_articles
- OptionSettingtype	- OptionSettingtype
+ No Articles Message	+ show_no_articles
- OptionSettingtype	- OptionSettingvalue
• List Layout Options	• List Layout Options
+ Articles to List	+ display_num
- 5 bis 100 0	- 5 bis 100 0
Ordering and Pagination Options	Ordering and Pagination Options
Artikel Layout Options	Artikel Layout Options
• Integration Options	• Integration Options
Menuentry Options	Menuitem Options
7-Create Article	7-Create Article
Basic Setting	Basic Setting
- Default category	- enable_category
- Choose a category	- catid
Menuentry Options	Menuitem Options
3-Single Article	3-Single Article
Basic Setting	• Required Setting
- Select Article	- id
Artikel Layout Options	Artikel Layout Options
• Integration Options	• Integration Options
Menuentry Options	• Menuitem Options 31

T 1 11 4 10 4 11 11

UserPage

Der Container USerpage besteht aus verschiedene Entitäten, die sich um die Darstellung des User widmen:

- Login Form
- User Profile
- Edit User Profile
- Registration Form
- Username Reminder Request
- Password Reset

CJSL	JOOMLA
1- Login Form	1- Login Form
• Basic Options	Basic Options
- Login Redirect	- login_redirect_url
- Login Description	- logindescription_show
- hide show	- 0 1
- Login Description Text	- login_description
- Login Image	- login_image
- Logout Redirect	- logout_redirect_url
- Logout Text	- logoutdescription_show
- hide show	- 0 1
- Logout Description Text	- logout_description
- Logout image	- logout_image
Menuentry Options	• Menuitem Options
2- Login Form	2- Login Form
• Menuentry Options	• Menuitem Options

Tabelle A.21: Userpage I

CJSL	JOOMLA
3- User Profile	3-User Profile
Menuentry Options	Menuitem Options
4- Edit User Profile	4-Edit User Profile
Menuentry Options	Menuitem Options
5-Registration Form	5-Registration Form
Menuentry Options	Menuitem Options
6-Username Reminder Request	6-Username Reminder Request
Menuentry Options	• Menuitem Options
7-Password Reset	7-Password Reset
Menuentry Options	• Menuitem Options

Tabelle A.23: Userpages II

Contacts

Wie schon bei den Articlepage, stellen wir schnell fest, dass es verschiedenen wiederkehrende Elemente gibt, die in ENtitäten umwandeln kann :

- Categories Options
- Category Options
- List Layout Options
- Contact Display Options
- Form for Email Options

- Show Contact Form - OptionSettingtype	CJSL	JOOMLA
- Banned_subject - Banned_Text - Session Check - OptionSettingtype - Custom Reply - OptionSettingtype - Contact Redirect - banned_subject - validate_session - OptionSettingtype - custom_reply - OptionSettingtype - redirect	 Show Contact Form - OptionSettingtype Send Copy to Submitter - OptionSettingtype Banned Email Banned Subject Banned Text Session Check - OptionSettingtype Custom Reply - OptionSettingtype 	- show_email_form

Tabelle A.25: Form for Email Options

CSL	Joomla
- Display Select - OptionSettingtype - Table Headings - OptionSettingtype - Position - OptionSettingtype	- show_pagination_limit - OptionSettingvalue - show_headings - OptionSettingvalue - show_position_headings - OptionSettingvalue
- Email - OptionSettingtype - Phone - OptionSettingtype - Mobile - OptionSettingtype	- show_email_headings - OptionSettingvalue - show_telephone_headings - OptionSettingvalue - show_mobile_headings - OptionSettingvalue
- Fax - OptionSettingtype - City or Suburb - OptionSettingtype - State or County - OptionSettingtype	- show_fax_headings - OptionSettingvalue - show_suburb_headings - OptionSettingvalue - show_state_headings - OptionSettingvalue
- Country - OptionSettingtype - Pagination - OptionSettingtype - Pagination Results - OptionSettingtype	- show_country_headings - OptionSettingvalue - show_pagination - OptionSettingvalue - show_pagination_results - OptionSettingvalue

Tabelle A.26: List Layout Options

- use Global sliders - tabs plain • Contact Category - use Global hide - show without link show with link • show_contact_list - OptionSettingtype • Name* • Contact's Position* • Email*	 presentation_style

- City or Suburb*
- State or County*
- Postal Code*
- Country*
- Telephone*
- Mobile phone*
- Fax*
- Webpage*
- Misc. Information*
- Image*
- vCard*
- Show User Articles*
- Show Links*
- Link A Label
- Link B Label
- Link C Label
- Link D Label
- Link E Label

- $show_suburb*$
- show_state*
- show_postcode*
- show_country*
- show_telephone*
- $show_mobile^*$
- $show_fax^*$
- show_webpage*
- show_misc*
- $show_image^*$
- allow_vcard*
- show_articles*
- $show_links*$
- linka_name
- linkb_name
- \bullet linkc_name
- linkd_name
- linke_name

Tabelle A.28: Contact Display Options

CSL	Joomla
1- List all Categories	1- List all Categories
• Basic Setting	• Basic Setting
- Select a Category	- categorie_id
• Categories Options	• Categories Options
+ Top Level Category Des-	$+$ categories_description
cription	$+$ show_cat_items_cat
+ Contacts in Category	- OptionSettingtype
- OptionSettingtype	• Category Options
• Category Options	$+$ show_cat_items
+ Contacts in Category	- OptionSettingtype
- OptionSettingtype	• Contact List Layouts
• Contact List Layouts	• Contact Display Options
• Contact Display Options	• Form for Email Options
• Form for Email Options	• Integration Options
• Integration Options	• Menuentry Options
• Menuentry Options	

Tabelle A.29: Contact List All Category

CSL	Joomla
1- List contact in a Category	1- List contact in a Category
• Basic Setting	• Basic Setting
- Select a Category	- categorie_id
• Category Options	• Category Options
+ Contacts in Category	+ show_cat_items
- OptionSettingtype	- OptionSettingtype
• Contact List Layouts	• Contact List Layouts
• Contact Display Options	• Contact Display Options
• Form for Email Options	• Form for Email Options
• Integration Options	• Integration Options
Menuentry Options	• Menuentry Options

 ${\bf Tabelle~A.30:}~{\rm List~contact~in~a~Category}$

CSL	Joomla
1- List contact in a Category	1- Single Contact
Basic Setting	• Basic Setting
- Select a Contact	- contact_id
Contact Display Options	Contact Display Options
• Form for Email Options	• Form for Email Options
Menuentry Options	Menuentry Options

Tabelle A.31: Single Contact

CSL	Joomla
1- Featured Contact	1- Featured Contact
Contact List Layouts	Contact List Layouts
• Contact Display Options	• Contact Display Options
• Form for Email Options	• Form for Email Options
• Menuentry Options	• Menuentry Options

Tabelle A.32: Featured Contact

Web Links Wie schon bei anderen Pages bzw Menupunkt filtern wir erstmal die wiederkehrenden Elementen aus dieser Menu-Categorie: Categories Options, Category Options, List Layout Options, und Menuentry Options.

CSL	Joomla
 Display Select OptionSettingtype Table Headings OptionSettingtype Links description OptionSettingtype 	 show_pagination_limit OptionSettingvalue show_headings OptionSettingvalue show_link_description OptionSettingvalue
HitsOptionSettingtypePagination	 show_link_hits OptionSettingvalue show_pagination
OptionSettingtypePagination ResultsOptionSettingtype	- OptionSettingvalue • show_pagination_results - OptionSettingvalue

Tabelle A.33: Web Link List Layout

CSL	Joomla
1- List All Web Link Categories	1- List All Web Link Categories
 1- List All Web Link Categories Basic Setting Select a Category Level Categories Options Top Level Category Description Show /Hide the number of Web Links OptionSettingtype Category Options Weblink in Category OptionSettingtype Weblink List Layouts 	- List All Web Link Categories - Basic Setting - categorie_id - Categories Options + categories_description + show_cat_num_ links_cat - OptionSettingtype - Category Options + show_cat_num_links - OptionSettingtype - Weblinks List Layouts - Menuentry Options
Menuentry Options	• Mendentry Options

 ${\bf Tabelle~A.34:~Weblinks~List~All~Categories}$

CSL	Joomla
1- List Web Link Category	1- List Web Link Category
• Basic Setting	• Basic Setting
- Select a Category	- categorie_id
• Category Options	• Category Options
+ Weblink in Category	+ show_cat_num_links
- OptionSettingtype	- OptionSettingvalue
• Weblink List Layouts	• Weblinks List Layouts
• Integration Options	• Integration Options
• Menuentry Options	Menuentry Options

Tabelle A.35: List Web Link Category

CSL	Joomla
1- Submit a Web Link	1- Submit a Web Link
• Menuentry Options	• Menuentry Options

Tabelle A.36: Submit a Web Link

News Feed

News Feed $\{to\ do\}$ die wiederkehrende Elemente sind:

Tabelle A.37: News Feeds List Layouts

Joomla
• show_feed_image
- OptionSettingvalue
• show_feed_description
- OptionSettingvalue
• show_item_description
- OptionSettingvalue
• feed_character_count

Tabelle A.38: Feed Display Options

Joomla
1- List All News Feeds Categories
• Basic Setting
- categorie_id
• Categories Options
+ categories_description
+ show_cat_items_cat
- OptionSettingtype
• Category Options
+ show_cat_items
- OptionSettingtype
• Weblinks List Layouts
• News Feeds List Layouts
• Feed Display Options
Menuentry Options

Tabelle A.39: List All News Feeds Categories

CSL	Joomla
1-List news Feeds in a Category	1- List news Feeds in a Category
• Basic Setting	• Basic Setting
- Select a Category	- categorie_id
• Category Options	• Category Options
+ Feeds in Category	+ show_cat_items
- OptionSettingtype	- OptionSettingvalue
• News Feeds List Layouts	• News Feeds List Layouts
• Feed Display Options	• Feed Display Options
+ Feed display order	+ feed_display_order
- Use Global	- leer
- Most recent first	- desc
- Oldest first	- asc
Menuentry Options	• Menuentry Options

Tabelle A.40: List news Feeds in a Category

CSL	Joomla
1-List news Feeds in a Category	1- List news Feeds in a Category
• Basic Setting	Basic Setting
- Select a Feed	- feed_id
• Feed Display Options	• Feed Display Options
+ Feed display order	+ feed_display_order
- Use Global	- leer
- Most recent first	- desc
- Oldest first	- asc
Menuentry Options	Menuentry Options

 ${\bf Tabelle~A.41:~Single~News~Feed}$

Smart Search

diese Page ist {to do}

\mathbf{CSL}	Joomla
 • Search Query • Search Filter - Search Filter • Date Filters - OptionSettingtype • Advanced Search - OptionSettingtype 	• q • f • filter_id • show_date_filters • OptionSettingvalue • show_advanced • OptionSettingvalue
 Expand Advanced Search OptionSettingtype Result Description OptionSettingtype Description Length Result URL OptionSettingtype Display Select OptionSettingvalue 	 expand_advanced OptionSettingvalue show_description OptionSettingvalue description_length show_url OptionSettingvalue show_pagination_limit OptionSettingvalue

Tabelle A.42: Search

 Pagination OptionSettingvalue Pagination Results OptionSettingvalue Pagination Results OptionSettingvalue Allow Empty Search No yes 1 Sort Field Sort Field Use Global relevance date price Sort Direction Use Global price Sortdirection leer descending desc
- OptionSettingvalue - Pagination Results - OptionSettingvalue - SoptionSettingvalue - Sort Field - Use Global - relevance - date - price - Sort Direction - Use Global - Use Global - Use Global - Leer - Sort Direction - Use Global - Leer - sort_direction - leer
 Pagination Results OptionSettingvalue Allow Empty Search No yes Sort Field Use Global relevance date price Sort Direction Use Global sort_direction leer Sort_direction leer sort_direction leer sort_direction leer
- OptionSettingvalue - OptionSettingvalue - OptionSettingvalue - OptionSettingvalue - allow_empty_query - 0 - yes - 1 - Sort Field - Use Global - relevance - date - price - Sort Direction - Use Global - leer - sort_order - leer - relevance - date - price - sort_direction - leer
 Allow Empty Search No yes Sort Field Use Global relevance date price Allow_empty_query 0 sort_order leer relevance date price Sort Direction Use Global leer
- No - yes - yes - 1 • Sort Field - Use Global - relevance - date - price - Sort Direction - Use Global - leer - sort_direction - leer
- yes - 1 • Sort Field • sort_order - Use Global - leer - relevance - date - price - price • Sort Direction - Use Global • sort_direction - leer
 Sort Field Use Global relevance date price Sort Direction Use Global sort_order relevance date price sort_direction leer
- Use Global - leer - relevance - date - price - price • Sort Direction - Use Global - leer
- relevance - date - price - price - Sort Direction - Use Global - relevance - date - price - price - sort_direction - leer
- date - price - price - Sort Direction - Use Global - date - price - sort_direction - leer
 - price - price - sort_direction - Use Global - leer
Sort DirectionUse Globalleer
- Use Global - leer
- descending - desc
- ascending - asc
• show_feed • show_feed
- No
- Yes - 1
• Show Feed • show_feed_text
- No
- Yes - 1
• Show Feed Text • show_feed_link
Menuentry Options Menuentry Options

Tabelle A.43: Search

Search

CSL	Joomla
• Search Term	• searchword
• Use Search Areas	• search_areas
- OptionSettingtype	- OptionSettingvalue
• Created Date	• show_date
- OptionSettingtype	- OptionSettingvalue
• Search for	• searchphrase
- All Words	- 0
- Any Words	- 1
- Exact Phrase	- 2
• Results ordering	• ordering
- Newest First	- newest
- Oldest First	- oldest
- Popularity	- popular
- Alphabetical	- alpha
- Category	- category
• Menuentry Options	• Menuentry Options

Tabelle A.44: Search

Iframe Wrapper

CSL	Joomla
• URL	• url
• Scroll Bars	• scrolling
- no	- no
- yes	- yes
- auto	- auto
• Width	• width
• Height	• height
• Auto height	• height_auto
- YesNoSettingtype	- YesNoSettingvalue
• Auto add	• add_scheme
- YesNoSettingtype	- YesNoSettingvalue
• Frame border	• frameborder
- YesNoSettingtype	- YesNoSettingvalue
• Menuentry Options	• Menuentry Options

Tabelle A.45: Iframe Wrapper

External URL

CSL	Joomla
1-External URL	1-External URL
• Link Type Options	• Link Type Options

Tabelle A.46: External URL

Menu Item Alias

CSL	Joomla	
Select a Menu ItemLink Type Options	itemidLink Type Options	

Tabelle A.47: Menu Item Alias

System Link-Text Separator

CSL	Joomla
• Link Type Options	• Link Type Options

Tabelle A.48: System Link-Text Separator

B Content

Zuerst ein Paar wiederkehrende Elemente:

CSL	Joomla
• Use Global:String	• leer
Open in parent window:Int	• "0"
Open in new window:Int	• "1"
• Open in popup:Int	• "2"
Modal:Int	• "3"

 ${\bf Tabelle~B.1:}~{\bf contenopenWindowtype}$

CSL	Joomla	
• Meta keywords :String	• metakey	
Meta description :String	• metadesc	
• Robots:robotsOptionType	• robots:robotsOptionValue	
• Author :String	• author	
• Rights :String	• rights	

 $\textbf{Tabelle B.2:} \ content Meta Option \\$

CSL	Joomla
• right :String	• right
• left :String	• left
• none :String	• none

Tabelle B.3: PositionOptionType

CSL	Joomla
• Link A :String	• urla
• Link A Text :String	• urlatext
• URL Target Window for Link A :openWindowOptionType	• targeta :openWindowOption- Type
• Link B :String	• urlb
• Link B Text :String	• urlbtext
• URL Target Window for Link B :openWindowOptionType	• targetb :openWindowOption- Type
• Link C :String	• urlc
• Link C Text :String	• urlctext
• URL Target Window for Link C :String	• targetc :openWindowOption- Type

Tabelle B.4: UrlSettingOption

CSL	Joomla
ArticleSettingOptionPositioning of the Links :String	ArticleSettingOptionurls_position
• Read More Text :String	• alternative_readmore
• Alternative Layout :String	• article_layout
• Show publishing options :YesNoType	• show_publishing_options :YesNoType
• Show article options :YesNoType	• show_article_options :YesNoType
• Show urls images backend :YesNoType	• show_urls_images_backend :YesNoType
• Show urls images frontend :YesNoType	• show_urls_images_frontend :YesNoType
• intro Image :String	• image_intro
• Image Float :PositionOptiontype	• float_intro :PositionOptiontype
• Alt text :String	• image_intro_alt
• Caption :String	• image_intro_caption

Tabelle B.5: ContentAttributOption

CSL	Joomla
• Full article image :String	• image_fulltext
• Full article image Float :PositionOptiontype	• float_fulltext :PositionOption- type
• Full article Alt text :String	• image_fulltext_alt
• Full article Caption :String	• image_fulltext_caption

Tabelle B.6: ContentImageOption

CSL	Joomla
• Content Id :Content	• content_id
• Rating Sum :int	• rating_sum
• Rating Count :int	• rating_count
• Lastip	• lastip

Tabelle B.7: RatingOption

Content

CSL	Joomla
 Id :int ACL :AccessLevel Title :String Alias :String	idasset_idtitlealiastitle alias
 Article Text :String Article Text :String Status :contentStatusType 	introtextfulltextstate
 sectionid :int mask :String Categorie :Category Created Date :Date Created By :User Created by alias :String 	 sectionid mask catid created created_by created_by_alias
 Modified Date :Date Modified by :User	modifiedmodified_by

Tabelle B.8: Content

Joomla
checked_outchecked_out_timepublish_up
publish_downContentImagesOptionUrlsOption
ContentAttribsOptionversionparentid
orderingaccesshitsContentMetadataOption
 featured language xreference BewertungsOption

Tabelle B.9: Content

Categorie Bei den Kategorien, wie bei Menu sie unterscheiden sich nur durch die Zusatzparameter, die Erweiterungen Abhängig sind. Wir unterscheiden für die Jommlacore die folgende Paramtertype:

- ArticleCategorie
- BannerCategeorie
- $\bullet \quad Contact Categorie$
- NewsFeedsCategorie

• Weblinkcategorie

Hier sind zuerst die Wiederkherende Elemente:

 Ordering rgt rgt leve path ExtensionOptions extensionOptions Title Alias Note note Description Published pub check 	nt_id
 Description Published pub check 	nsionOptions
 MetadataOptionType Created by Created Time MetadataOptionType MetadataOptionType Created Section Section	ription ished ked_out ked_out_time

Tabelle B.10: Categorie

Wir unterscheiden verschiedene ParameterType:

CSL	Joomla
• Alternative Layout	• category_layout
- Use Global	
- Blog	:blog
- List	:default
• Image	• image

Tabelle B.11: ArticleCategorie

CSL	Joomla
• Alternative Layout	• category_layout
- Use Global	
• Image	• image

Tabelle B.12: BannersCategorie

CSL	Joomla
 Alternative Layout Use Global Default 	• category_layout:default
• Image	• image

Tabelle B.13:

Weblink/NewsFeeds/Contact/UserCategories

NewsFeeds Beschreibung

Hier Kommen wir zu den NewsFeeds:

CSL	Joomla
• Category	• catid
• id	• id
• Title	• name
• Alias	• alias
• Link	• link
•	• filename
• statusType	• published
• Number of Articles	• numarticles
• Cache Time	• cache_time
•	• checked_out
•	• checked_out_time
• Ordering	• ordering
• Language Direction	• rtl
• Access	• access
• language	• language

Tabelle B.14: NeewFeeds

CSL	Joomla
• Feed Display Options	• Feed Display Options
+ Feed display order	+ feed_display_order
- Use Global	- leer
- Most recent first	- desc
- Oldest first	- asc
+ newsfeed_layout	+ newsfeed_layout
- Use Global	
- Default	:default
• Created Date	• created
• Created by	• created_by
• Author's Alias	• created_by_alias
• Modified Date	• modified
• Modified By	• modified_by
• MetadataOption	• MetadataOption
•	• xreference
• Start Publishing	• publish_up
• Finish Publishing	• publish_down

Tabelle B.15: NeewFeeds

Contact Details Contact stellt eine Erweiterung für User Information dar.

CSL	Joomla
• Position	• con_position
• Address	• address
• City or Suburb	• suburb
• State or Province	• state
• Country	• country
• Postal / ZIP Code	• postcode
Telephone	• telephone
• Fax	• fax
• Image	• image
•	• imagepos?
• Email	• email_to
•	• default_con?
• Mobile	• mobile
• Webpage	• webpage
• First Sort Field	• sortname1
• Second Sort Field	• sortname2
Third Sort Field	• sortname3

Tabelle B.16: Contacts Details Options

Die Contact beschreibung:

CSL	Joomla
 Name Alias	idnamealias
 Other Information Status Ordering language 	 anas misc published checked_out checked_out_time ordering language
 Created date Created By Created By Alias Modified Modified by metadataOption 	 language created created_by created_by_alias modified modified_by metadataOption
 Featured Start Publishing Finish Publishing Linked User Category Access Form for Email Options 	 featured xreference? publish_up publish_down user_id catid access Form for Email Options
List Layout OptionsContacts Details Options	List Layout OptionsContacts Details Options

Tabelle B.17: Contact

${\bf WebLinks}$

WebLinks Beschreibung:

CSL	Joomla
 Target openWindowOption Width openWindowOption 	 target openWindowOption width openWindowOption
 Height openWindowOption Count Clicks openWindowOption 	 height openWindowOption count_clicks openWindowOption

Tabelle B.18: WebLinkParamsOptions

Joomla
• id
• catid • sid
• title
• alias
• url
• description
• date
• hits
• state
• checked_out
• checked_out_time
• ordering
• archived
• approved
• access
WebLinkParamsOptions
• language
• created
• created_by
• created_by_alias
• modified
• modified_by
• metadataOption
• featured
• xreference
• publish_up
• publish_down

Banner Zuerst ein Paar Elemente:

CSL	Joomla
• Image	• imageurl
• Width	• width
• Height	• height
• alt	• alt

Tabelle B.20: BannerParamsOption

CSL	Joomla
• Use Client Default	• -1
• Unlimited	• 1
• Yearly	• 2
• Monthly	• 3
• Weekly	• 4
• Daily	• 5

Tabelle B.21: purchaseTypeOption

CSL	Joomla
 Meta keyword Use Own Prefix -> YesNoOptiontype Meta keyword Prefix 	metakeyown_prefixmetakey_prefix

 ${\bf Tabelle~B.22:~} {\bf BannerMetadaOption}$

CSL	Joomla
•	• id
• Client	• cid
• Type	• type
- Image	- 0
- Custom	- 1
• Name	• name
• Alias	• alias
Max. Impressions	• imptotal
• Total Impressions	• impmade
• Clicks	• clicks
• Click Url	• clickurl
• State	• state
• Categorie	• catid
• Description	• description
• custombannercode	• custombannercode
• Sticky-> YesNoOptiontype	• sticky
• Ordering	ordering
• BannerParamsOption	BannerParamsOption

Tabelle B.23: BannerItem

CSL	Joomla
 BannerMetadaOption Purchase Type -> purchaseTypeOption Track Clicks -> YesNoOptiontype 	BannerMetadaOptionpurchase_typetrack_clicks
• track_impressions	• track_impressions
checked_outchecked_out_time	checked_outchecked_out_time
• Start Publishing	• publish_up
Finish PublishingReset	publish_downreset
• Created Date	• created
• Language	• language

Tabelle B.24: Banneritem

CSL	Joomla
 Client Name Contact Name	idnamecontact
Contact Email Additional Information	emailextrainfo
Statuschecked_outchecked_out_time	 state checked_out checked_out_time
 Purchase Type Track Clicks Track Impressions BannerMetadaOption 	purchase_typetrack_clickstrack_impressions
• Baimer Metada Option	BannerMetadaOption

Tabelle B.25: Banner Client

CSL	Joomla
• Track date	• track_date
• Track type	• track_type
• Banner id	• banner_id

Tabelle B.26: Banner Tracks

C Anhang 2