default core_acl_aro_sections

```
+------------+-------+-------------+-------+
| section_id | value | order_value | name  |
+------------+-------+-------------+-------+
|         10 | users |           1 | Users |
+------------+-------+-------------+-------+
```

jos_core_acl_aro_sections

PK	section_id*	INTEGER(11)
	value*	VARCHAR(230)
	order_value*	INTEGER(11)
	name*	VARCHAR(230)
	hidden*	INTEGER(11)

acl_aro_sections.value has acl_aro.section_values

It's unclear what section_value is doing? It appears this should be a defining key from the core_acl_aro.section value column, but in the sample data, the column is empty

default core_acl_aro

```
+--------+---------------+-------+---------------+
| aro_id | section_value | value | name          |
+--------+---------------+-------+---------------+
|     10 | users         |    62 | Administrator |
+--------+---------------+-------+---------------+
```

jos_core_acl_aro

PK	aro_id*	INTEGER(11)
FK	section_value*	VARCHAR(240)
FK	value*	VARCHAR(240)
	order_value*	INTEGER(11)
	name*	VARCHAR(255)
	hidden*	INTEGER(11)
	id	INTEGER(11)

jos_core_acl_groups_aro_map

PF	group_id*	INTEGER(11)
	section_value*	VARCHAR(240)
PF	aro_id*	INTEGER(11)

jos_session

	username	VARCHAR(50)
	time	VARCHAR(14)
PK	session_id*	VARCHAR(200)
	guest	TINYINT(4)
FK	userid	INTEGER(11)
	usertype	VARCHAR(50)
	gid*	TINYINT(3)

jos_users

PK	id*	INTEGER(11)
	name*	VARCHAR(50)
	username*	VARCHAR(25)
	email*	VARCHAR(100)
	password*	VARCHAR(100)
	usertype*	VARCHAR(25)
	block*	TINYINT(4)
	sendEmail	TINYINT(4)
FK	gid*	TINYINT(3)
	registerDate*	DATETIME
	lastvisitDate*	DATETIME
	activation*	VARCHAR(100)
	params*	TEXT

belongs to user   user has sessions

user has acl_aro

jos_messages_cfg

PF	user_id*	INTEGER(10)
PK	cfg_name*	VARCHAR(100)
	cfg_value*	VARCHAR(255)

User belongs to a acl_aro_group

Contains many users

jos_core_acl_aro_groups

PK	group_id*	INTEGER(11)
FK	parent_id*	INTEGER(11)
	name*	VARCHAR(255)
	lft*	INTEGER(11)
	rgt*	INTEGER(11)

Child to Parent

Group to Child

Send From   Send To

jos_messages

PK	message_id*	INTEGER(10)
FK	user_id_from*	INTEGER(10)
FK	user_id_to*	INTEGER(10)
	folder_id*	INTEGER(10)
	date_time*	DATETIME
	state*	INTEGER(11)
	priority*	INTEGER(1)
	subject*	VARCHAR(230)
	message*	TEXT

jos_usertypes

PK	id*	TINYINT(3)
	name*	VARCHAR(50)
	mask*	VARCHAR(11)

usertypes is not currently referenced in the Joomla base code. The jos_usertypes..name column seems to roughly correspond with jos_users.usertype. It also corresponds loosely with jos_core_acl_aro_groups.name.

Default usertypes

```
+----+------------------+------+
| id | name             | mask |
+----+------------------+------+
|  0 | superadministrator |    |
|  1 | administrator    |      |
|  2 | editor           |      |
|  3 | user             |      |
|  4 | author           |      |
|  5 | publisher        |      |
|  6 | manager          |      |
+----+------------------+------+
```

```
+----------+-----------+--------------------+-----+-----+
| group_id | parent_id | name               | lft | rgt |
+----------+-----------+--------------------+-----+-----+
|       17 |         0 | ROOT               |   1 |  22 |
|       28 |        17 | USERS              |   2 |  21 |
|       29 |        28 | Public Frontend    |   3 |  12 |
|       18 |        29 | Registered         |   4 |  11 |
|       19 |        18 | Author             |   5 |  10 |
|       20 |        19 | Editor             |   6 |   9 |
|       21 |        20 | Publisher          |   7 |   8 |
|       30 |        28 | Public Backend     |  13 |  20 |
|       23 |        30 | Manager            |  14 |  19 |
|       24 |        23 | Administrator      |  15 |  18 |
|       25 |        24 | Super Administrator |  16 |  17 |
+----------+-----------+--------------------+-----+-----+
```
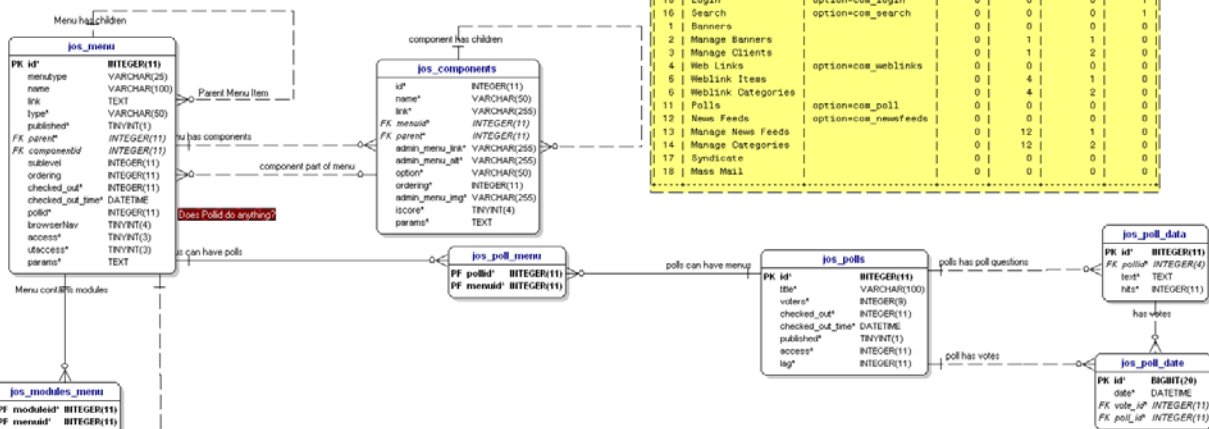
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default jos_menu

id	menutype	name	ordering	link
1	mainmenu	Home	1	index.php?option=com_frontpage
2	mainmenu	News	3	index.php?option=com_contenttask=sectionid=1
3	mainmenu	Contact Us	6	index.php?option=com_contact
23	mainmenu	Links	5	index.php?option=com_weblinks
5	mainmenu	Search	7	index.php?option=com_search
6	mainmenu	Joomla! License	2	index.php?option=com_contenttask=viewid=5
7	mainmenu	News Feeds	8	index.php?option=com_newsfeeds
8	mainmenu	Wrapper	10	index.php?option=com_wrapper
9	mainmenu	Blog	4	index.php?option=com_contenttask=blogsectionid=0
10	othermenu	Joomla! Home	1	http://www.joomla.org
11	othermenu	Joomla! Forums	1	http://forum.joomla.org
12	othermenu	OSM Home	1	http://www.opensourcematters.org
24	othermenu	Administrator	3	administrator/
21	usermenu	Your Details	1	index.php?option=com_usertask=UserDetails
13	usermenu	Submit News	2	index.php?option=com_contenttask=newsectionid=1Itemid=0
14	usermenu	Submit WebLink	4	index.php?option=com_weblinkstask=new
15	usermenu	Check-In My Items	5	index.php?option=com_usertask=CheckIn
16	usermenu	Logout	5	index.php?option=com_login
17	topmenu	Home	4	index.php
18	topmenu	Contact Us	2	index.php?option=com_contactItemid=3
19	topmenu	News	3	index.php?option=com_contenttask=sectionid=1Itemid=2
20	topmenu	Links	1	index.php?option=com_weblinksItemid=22
25	mainmenu	FAQs	9	index.php?option=com_contenttask=categorysectionid=31id=7

default jos_components

id	name	link	menuid	parent	ordering	iscore
7	Contacts	option=com_contact	0	0	0	1
8	Manage Contacts		0	7	0	1
9	Contact Categories		0	7	2	1
10	FrontPage	option=com_frontpage	0	0	0	1
15	Login	option=com_login	0	0	0	1
16	Search	option=com_search	0	0	0	1
1	Banners		0	0	0	0
2	Manage Banners		0	1	1	0
3	Manage Clients		0	1	2	0
4	Web Links	option=com_weblinks	0	0	0	0
5	Weblink Items		0	4	1	0
6	Weblink Categories		0	4	2	0
11	Polls	option=com_poll	0	0	0	0
12	News Feeds	option=com_newsfeeds	0	0	0	0
13	Manage News Feeds		0	12	1	0
14	Manage Categories		0	12	2	0
17	Syndicate		0	0	0	0
18	Mass Mail		0	0	0	0

Menu has children
Parent Menu Item
component has children

jos_menu

PK	id*	INTEGER(11)
	menutype	VARCHAR(25)
	name	VARCHAR(100)
	link	TEXT
	type*	VARCHAR(50)
	published*	TINYINT(1)
FK	parent*	INTEGER(11)
FK	componentid	INTEGER(11)
	sublevel	INTEGER(11)
	ordering	INTEGER(11)
	checked_out*	INTEGER(11)
	checked_out_time*	DATETIME
	pollid*	INTEGER(11)
	browserNav	TINYINT(4)
	access*	TINYINT(3)
	utaccess*	TINYINT(3)
	params*	TEXT

Does Polld do anything?

jos_components

	id*	INTEGER(11)
	name*	VARCHAR(50)
	link*	VARCHAR(255)
FK	menuid*	INTEGER(11)
FK	parent*	INTEGER(11)
	admin_menu_link*	VARCHAR(255)
	admin_menu_alt*	VARCHAR(255)
	option*	VARCHAR(50)
	ordering*	INTEGER(11)
	admin_menu_img*	VARCHAR(255)
	iscore*	TINYINT(4)
	params*	TEXT

jos_poll_data

PK	id*	INTEGER(11)
FK	pollid*	INTEGER(4)
	text*	TEXT
	hits*	INTEGER(11)

jos_poll_menu

PF	pollid*	INTEGER(11)
PF	menuid*	INTEGER(11)

polls can have menus

jos_polls

PK	id*	INTEGER(11)
	title*	VARCHAR(100)
	voters*	INTEGER(9)
	checked_out*	INTEGER(11)
	checked_out_time*	DATETIME
	published*	TINYINT(1)
	access*	INTEGER(11)
	lag*	INTEGER(11)

polls has poll questions
has votes
poll has votes

jos_poll_date

PK	id*	BIGINT(20)
	date*	DATETIME
FK	vote_id*	INTEGER(11)
FK	poll_id*	INTEGER(11)

jos_modules

PK	id*	INTEGER(11)
	title*	TEXT
	content*	TEXT
	ordering*	INTEGER(11)
	position	VARCHAR(10)
	checked_out*	INTEGER(11)
	checked_out_time*	DATETIME
	published*	TINYINT(1)
	module	VARCHAR(50)
	numnews*	INTEGER(11)
	access*	TINYINT(3)
	showtitle*	TINYINT(3)
	params*	TEXT
	iscore*	TINYINT(4)
	client_id*	TINYINT(4)

Module has menu

jos_modules_menu

PF	moduleid*	INTEGER(11)
PF	menuid*	INTEGER(11)

jos_templates_menu

PK	template*	VARCHAR(50)
PK	menuid*	INTEGER(11)
	client_id*	TINYINT(4)

jos_template_positions

PK	id*	INTEGER(11)
	position*	VARCHAR(10)
	description*	VARCHAR(255)

default jos_template_positions

id	position
1	left
2	right
3	top
4	bottom
5	inset
6	banner
7	header
8	footer
9	newsflash
10	legals
11	pathway
12	toolbar
13	cpanel
14	user1
15	user2
16	user3
17	user4
18	user5
19	user6
20	user7
21	user8
22	user9
23	advert1
24	advert2
25	advert3
26	icon
27	debug

jos_mambots

PK	id*	INTEGER(11)
	name*	VARCHAR(100)
	element*	VARCHAR(100)
	folder*	VARCHAR(100)
	access*	TINYINT(3)
	ordering*	INTEGER(11)
	published*	TINYINT(3)
	iscore*	TINYINT(3)
	client_id*	TINYINT(3)
	checked_out*	INTEGER(11)
	checked_out_time*	DATETIME
	params*	TEXT

default jos_mambots

id	element	name	iscore
1	mosimage	MOS Image	1
2	mospaging	MOS Pagination	1
3	legacybots	Legacy Mambot Includer	1
5	mosvote	MOS Rating	1
6	content.searchbot	Search Content	1
7	weblinks.searchbot	Search Weblinks	1
9	none	No WYSIWYG Editor	1
10	tinymce	TinyMCE WYSIWYG Editor	1
13	contacts.searchbot	Search Contacts	1
4	mossef	SEF	0
8	moscode	Code support	0
11	mosimage.btn	MOS Image Editor Button	0
12	mospage.btn	MOS Pagebreak Editor Button	0
14	categories.searchbot	Search Categories	0
15	sections.searchbot	Search Sections	0
16	mosemailcloak	Email Cloaking	0
17	geshi	GeSHi	0
18	newsfeeds.searchbot	Search Newsfeeds	0
19	mosloadposition	Load Module Positions	0

default jos_modules

id	module	title	iscore	ordering	client_id
2	mod_mainmenu	User Menu	1	2	0
3	mod_mainmenu	Main Menu	1	1	0
4	mod_login	Login Form	1	3	0
6	mod_rssfeed	Syndicate	1	4	0
5	mod_latestnews	Latest News	1	4	0
11	mod_archive	Archive	1	7	0
12	mod_sections	Sections	1	8	0
17	mod_mainmenu	Top Menu	1	1	0
18	mod_banners	Banners	1	1	0
19	mod_components	Components	1	2	1
23	mod_unread	Unread Messages	1	1	1
24	mod_online	Online Users	1	2	1
25	mod_fullmenu	Full Menu	1	1	1
26	mod_pathway	Pathway	1	1	1
27	mod_toolbar	Toolbar	1	1	1
28	mod_mosmsg	System Message	1	1	1
29	mod_quickicon	Quick Icons	1	1	1
1	mod_poll	Polls	0	1	0
7	mod_stats	Statistics	0	1	0
8	mod_whosonline	Who's Online	0	1	0
9	mod_mostread	Popular	0	6	0
10	mod_templatechooser	Template Chooser	0	6	0
13	mod_newsflash	Newsflash	0	1	0
14	mod_related_items	Related Items	0	9	0
15	mod_search	Search	0	1	0
16	mod_random_image	Random Image	0	9	0
20	mod_popular	Popular	0	3	1
21	mod_latest	Latest Items	0	4	1
22	mod_stats	Menu Stats	0	6	1
31	mod_mainmenu	Other Menu	0	2	0
32	mod_wrapper	Wrapper	0	10	0
33	mod_logged	Logged	0	0	1

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sample jos_categories

id	name	title	section
1	Latest News	Latest	1
2	Joomla!	Joomla!	com_weblinks
3	Newsflash	Newsflash	2
4	Joomla!	Joomla!	com_newsfeeds
5	Business: general	Business: general	com_newsfeeds
7	Example FAQs	Examples	3
9	Finance	Finance	com_newsfeeds
10	Linux	Linux	com_newsfeeds
11	Internet	Internet	com_newsfeeds
12	Contacts	Contacts	com_contact_details

Sample jos_sections

id	name	title	scope
1	The News	News	content
2	Newsflashes	Newsflashes	content
3	Frequently Asked Questions	FAQs	content

jos_newsfeeds

FK catid*	INTEGER(11)
PK id*	INTEGER(11)
name*	TEXT
link*	TEXT
filename	VARCHAR(200)
published*	TINYINT(1)
numarticles*	INTEGER(11)
cache_time*	INTEGER(11)
checked_out*	TINYINT(3)
checked_out_time*	DATETIME
ordering*	INTEGER(11)

jos_contact_details

PK id*	INTEGER(11)
name*	VARCHAR(100)
con_position	VARCHAR(50)
address	TEXT
suburb	VARCHAR(50)
state	VARCHAR(20)
country	VARCHAR(50)
postcode	VARCHAR(10)
telephone	VARCHAR(25)
fax	VARCHAR(25)
misc	MEDIUMTEXT
image	VARCHAR(100)
imagepos	VARCHAR(20)
email_to	VARCHAR(100)
default_con*	TINYINT(1)
published*	TINYINT(1)
checked_out*	INTEGER(11)
checked_out_time*	DATETIME
ordering*	INTEGER(11)
params*	TEXT
user_id*	INTEGER(11)
FK catid*	INTEGER(11)
access*	TINYINT(3)

jos_sections

PK id*	INTEGER(11)
title*	VARCHAR(50)
name*	VARCHAR(255)
image*	VARCHAR(100)
scope*	VARCHAR(50)
image_position*	VARCHAR(10)
description*	TEXT
published*	TINYINT(1)
checked_out*	INTEGER(11)
checked_out_time*	DATETIME
ordering*	INTEGER(11)
access*	TINYINT(1)
count*	INTEGER(11)
params*	TEXT

jos_categories

PK id*	INTEGER(11)
FK parent_id	INTEGER(11)
title*	VARCHAR(50)
name*	VARCHAR(255)
image*	VARCHAR(100)
FK section*	VARCHAR(50)
image_position*	VARCHAR(10)
description*	TEXT
params*	TEXT
published*	TINYINT(1)
checked_out*	INTEGER(11)
checked_out_time*	DATETIME
editor	VARCHAR(50)
ordering*	INTEGER(11)
access*	TINYINT(3)
count*	INTEGER(11)

contains categories

jos_weblinks

PK id*	INTEGER(11)
FK catid*	INTEGER(11)
sid*	INTEGER(11)
title*	VARCHAR(250)
url*	VARCHAR(250)
description*	VARCHAR(250)
date*	DATETIME
hits*	INTEGER(11)
published*	TINYINT(1)
checked_out*	INTEGER(11)
checked_out_time*	DATETIME
ordering*	INTEGER(11)
archived*	TINYINT(1)
approved*	TINYINT(1)
params*	TEXT

jos_content

PK id*	INTEGER(11)
title*	VARCHAR(100)
title_alias*	VARCHAR(100)
introtext*	MEDIUMTEXT
fulltext*	MEDIUMTEXT
state*	TINYINT(3)
FK sectionid*	INTEGER(11)
mask*	INTEGER(11)
FK catid*	INTEGER(11)
created*	DATETIME
created_by*	INTEGER(11)
created_by_alias*	VARCHAR(100)
modified*	DATETIME
modified_by*	INTEGER(11)
checked_out*	INTEGER(11)
checked_out_time*	DATETIME
publish_up*	DATETIME
publish_down*	DATETIME
images*	TEXT
urls*	TEXT
attribs*	TEXT
version*	INTEGER(11)
FK parentid*	INTEGER(11)
ordering*	INTEGER(11)
metakey*	TEXT
metadesc*	TEXT
FK access*	INTEGER(11)
hits*	INTEGER(11)

Sample jos-content

id	title	title_alias	sectionid	catid	mask
1	Welcome to Joomla!	Welcome	1	1	0
2	Newsflash 1		2	3	1
3	Newsflash 2		2	3	1
4	Newsflash 3		2	3	1
5	Joomla! License Guidelines		0	0	0
6	Example News Item 1	News1	1	1	0
7	Example News Item 2	News2	1	1	0
8	Example News Item 3	News3	1	1	0
9	Example News Item 4	News4	1	1	0
10	Example FAQ Item 1	FAQ1	3	7	0
11	Example FAQ Item 2	FAQ2	3	7	0

jos_content_rating

PF content_id*	INTEGER(11)
rating_sum*	INTEGER(11)
rating_count*	INTEGER(11)
lastip*	VARCHAR(50)

Sample jos_content_frontpage

content_id	ordering
1	1
2	2
3	3
4	4
5	5

jos_content_frontpage

PF content_id*	INTEGER(11)
ordering*	INTEGER(11)

content can contain content

jos_groups

PK id*	TINYINT(3)
name*	VARCHAR(50)

Default groups

id	name
0	Public
1	Registered
2	Special

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```
default jos_bannerclient
+-----+--------------------+---------------+------------------------------+
| cid | name               | contact       | email                        |
+-----+--------------------+---------------+------------------------------+
|   1 | Open Source Matters | Administrator | admin@opensourcematters.org |
+-----+--------------------+---------------+------------------------------+
```

jos_bannerclient

PK	cid*	INTEGER(11)
	name*	VARCHAR(60)
	contact*	VARCHAR(60)
	email*	VARCHAR(60)
	extrainfo*	TEXT
	checked_out*	TINYINT(1)
	checked_out_time	TIME
	editor	VARCHAR(50)

jos_banner

PK	bid*	INTEGER(11)
FK	cid*	INTEGER(11)
	type*	VARCHAR(10)
	name*	VARCHAR(50)
	imptotal*	INTEGER(11)
	impmade*	INTEGER(11)
	clicks*	INTEGER(11)
	imageurl*	VARCHAR(100)
	clickurl*	VARCHAR(200)
	date	DATETIME
	showBanner*	TINYINT(1)
	checked_out*	TINYINT(1)
	checked_out_time*	DATETIME
	editor	VARCHAR(50)
	custombannercode	TEXT

jos_bannerfinish

PF	bid*	INTEGER(11)
FK	cid*	INTEGER(11)
	type*	VARCHAR(10)
	name*	VARCHAR(50)
	impressions*	INTEGER(11)
	clicks*	INTEGER(11)
	imageurl*	VARCHAR(50)
	datestart	DATETIME
	dateend	DATETIME

banner client has banners — banner is owned by client

```
default jos_banner
+-----+-----+--------+--------+--------------+-------------------------------+------------+
| bid | cid | type   | name   | imageurl     | clickurl                      | showbanner |
+-----+-----+--------+--------+--------------+-------------------------------+------------+
|   1 |   1 | banner | OSM 1  | osmbanner1.png | http://www.opensourcematters.org |          1 |
|   2 |   1 | banner | OSM 2  | osmbanner2.png | http://www.opensourcematters.org |          1 |
+-----+-----+--------+--------+--------------+-------------------------------+------------+
```

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jos_core_log_items

time_stamp*	DATE
item_table*	VARCHAR(50)
item_id*	INTEGER(11)
hits*	INTEGER(11)

jos_stats_agents

agent*	VARCHAR(255)
type*	TINYINT(1)
hits*	INTEGER(11)

jos_core_log_searches

search_term*	VARCHAR(128)
hits*	INTEGER(11)

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