DOCUMENTATION ONLINE MEMBER CARD

Author Michael Schramm

Date 24.01.2018

Task:

Create a solution for an Online Identity Card / Membercard with possibility to verified by another person via QR code, printed out or showed on a smartphone.

Example:



https://www.stellplatzfuehrer.de/index.php/membercard?tmpl=component&user=62&key=YCc7Dedqucx5QW c9cy98eMe

1 REQUIREMENTS

- Regular Labs Sourcerer Plugin
- QR Code Elite Module for Joomla!
- CBSubs with a subscription plan named "Club" which put the user to a joomla access group also named "Club"
- CBSubs SQL actions Plugin
- Privacy Plugin

2 CREATION AND MOFICATION OF THE NESSECCARY CB OBJECTS

2.1 CREATE A NEW TAB FOR THE "MEMBERCARD"

access=public, position=not on profile 1

	9
Dal Integration	
eschreibung	Freigeben
Bearbeiten → Einfügen → Ansicht → Format → Tabelle → Werkzeuge →	Ja Nein 🚯
B I U S = = = = Formate Absatz - Times Ne 12pt - H	Profilreihenfolge
	24 (Online-Mitgliedskarte
Ω ⓒ — Я ¶, ¥ № 16 fb ¶ ¶ ± 46 ⊕ ⊗ · (0 ▼ L) ∧ Insert Code D Modul → Menü ■ Kontakt D Beitran 등 Bild D Seitenumbruch	0
 ✓ Miser code ✓ Miser code ✓ Li Schending ✓ Weiterlesen 	Ändere Reihenfolge
	17 (Online-Mitgliedskar
ACH I UNG: Die nachfolgenden Felder bitte nur ausfullen, wenn eine Clubmitgliedschaft besteht und die Online-Mitgliedskarte genutzt werden soll.	0
Dhne eine aktive Clubmitgliedschaft sind die Angaben auf dieser Seite irrelevant bzw.	Registrierungsreihenfolge
ibe nussig.	17 (Online-Mitgliedskar
Besteht eine Clubmitgliedschaft und soll die Karte für Vergünstigungen oder zu sonstigen Zwecken genutzt werden, dann müssen die Angaben den offiziellen Ausweisdokumenten	0
Personalausweis oder Reisepass) entsprechen, ansonsten ist die Karte ungültig. Die Karte	Position
kann im eigenen Profil im Reiter "Uber mich" uber den link "Karte anzeigen / drucken" aufgerufen werden (nur sichtbar für Clubmitglieder).	Nicht im Profil angezei
No Debug lawara and a Discollected and a similarity of an discussion of the first state of the second stat	0
Die Daten können nur von Dir selbst oder von demjenigen, dem die Karte vorgezeigt wird, eingesehen werden. Somit kann niemand unberechtigt Deine Adressdaten auslesen.	Anzeigetyp
	Div mit Titel
	0
	Zugriffsberechtigung
p Worter: 10	

2.2 OVERVIEW OF REQUIRED CB FIELDS FOR THE NEW MEMBERCARD TAB

5	Such	-Werkzeuge											
	- 1	yp wählen -		•	Online-M	litgliedskarte	•	Benötigte wählen -	• Profil	wählen -	•		
	- F	Registrierung wähle	en - 🔻 🛛 - Be	arbeitung wählen	- •	- Suchbar wähle	n - 🔻	- Veröffentlicht wäl	hlen - 🔻				
	Su	che											
#		RealName	Titel	Тур	Tab	Benötigt	Profil	Registrierung	Bearbeiten	Suchbar	Veröffentlicht	Reihenfolge 🔓 🖺	ID
1		cb_card_name	Vor- und Nachname	Textfeld	Online- Mitglied	×	✔ (1 Linie)	×	✔ (1 Linie)	×	~	• 1	76
2		cb_adresse	Straße und Hausnr.	Textfeld	Online- Mitglied	×	✔ (1 Linie)	×	✔ (1 Linie)	×	~	▲ ↓ 2	71
3		cb_pizort	PLZ / Ort	Textfeld	Online- Mitglied	×	✔ (1 Linie)	×	✔ (1 Linie)	×	~	▲ 3	73
4		cb_member_no	Mitgliedsnumme	er <mark>Abfrage</mark>	Online- Mitglied	×	✔ (1 Linie)	×	×	×	~	▲ 4	84
5		cb_validto	Gültig bis	Abfrage	Online- Mitglied	×	✔ (1 Linie)	×	×	×	~	▲ 5	79
6		cb_key	Security Key	Textfeld	Online- Mitalied	×	✔ (1 Linie)	×	×	×	~	▲ 6	78

2.3 NEEDED FIELDS TO SHOW AND EDIT BY USER:

2.3.1 FIELD CB_CARD_NAME

Field for customers first and surname

show in profile=yes; show in profile edit view=yes

2.3.2 FIELD CB_ADRRESS

Field for customers street and street number

show in profile=yes; show in profile edit view=yes

2.3.3 FIELD CB_ZIP_CODE_CITY

Field for customers zip code and city

show in profile=yes; show in profile edit view=yes

2.4 NEEDED FIELDS TO SET BY SYSTEM:

2.4.1 FIELD CB_MEMBER_NO

Shows a copy of the user id

Type=query; show in profile=yes; show in profile edit view=no

Query: SELECT LPAD([user_id],6,'0');

2.4.2 FIELD CB_VALID_TO

Shows the expiry date of the underlying cb subs plan

Type=query; show in profile=yes; show in profile edit view=no

Query:

SELECT DATE_FORMAT(`expiry_date`, '%d.%m.%Y') FROM `#__cbsubs_subscriptions` WHERE `user_id` = [user_id] AND `plan_id` = 2 AND `status` = 'A'

Notice: Plan number 2 is the plan of the target subscription

2.4.3 FIELD CB_KEY

Holds the secret key to protect the personal data from crawling by robots or manually

Type=text; show in profile=yes; show in profile edit view=no; read only=yes

Notice: this field will be set by the target subscription plan's SQL action (see below)

2.5 CB FIELD FOR THE LINK TO THE MEMBER CARD

2.5.1 FIELD CB_LINK_TO_MEMBERCARD

Shows a link to the user to the online member card in the user's profile. Only private access and only visible for users with a valid subscription.

Type= html; show in profile=yes; show in profile edit view=no

Field "Description":

<a

href="index.php?option=com_content&view=article&id=140&tmpl=component<emid=1
318&user=[user_id]&key=[cb_key]" target="_blank" rel="noopener noreferrer">Show card /
print

Notice: id=140 must adjust later to the correct article id of the member card article, also the menu item 1318.

Settings for CBSubs Fields Tabs Protect

CBSubs Fields Tabs Protect	CB Conditional CB Privacy	CB Query Field	
A. Field availability by Owner's St	ubscriptions	Yes, CB subs control field availability	0
A. Availability depending on	prome owner's subscriptions		
Owner Plans controlling field	available in profile	standard Club Betreiber versteckt	
-2) For Profile owner himsel	f:		
, Still Available for Profile Own	er himself	No: profile owner himself is also restricted	v 🔁
Text or HTML to display near user has access to this field	field information icons in profile edit mode	if	0
B. Field visibility by Viewer's Sub	scriptions	Yes, viewer's CB subs control field visibility	v 0
B. Visibility depending on Vie	wer's subscriptions		
1) For other viewers:			
Viewer Plans controlling field controlled)	visibility by viewer (none means not	standard Club Betreiber versteckt	
2) For Profile owner himsel	f:		
Still Viewable for Profile Own	er himself	Yes: profile owner can still view his own field	v ()

Settings for CB Privacy

CBSubs Fields Tabs Protect CB Conditional CB Privacy	CB Query Field
Anzeige	Erzwungene Privatsphären-Kontrolle 🔹 🕄
Display Override	
	Θ
Ansicht bearbeiten	Normale CB Einstellungen
Anzeige Rules	
Template	Wie Global 🔻 🚯
Layout	Wie Global 🔻 🚯
Ajax	Wie Global 🔹 🕄
Standard	Wie Global Öffentlich Privat Verbindungen Verbindungen von Verbindungen

2.6 MODIFICATION OF TARGET CBSUBS SUBSCRIPTION PLAN

Add a SQL action to your target CB Subs Plan to set and reset the cb_key field on subscription activation or renewal.

SQL Action 1; Type internal

2.6.1 SQL FOR ACTIVATION:

```
UPDATE `#__comprofiler` SET cb_key =
( SELECT concat(
    substr(code.a,rand()*62,1),
    substr(code.a,rand()*62,1),
    substr(code.a,rand()*62,1),
    substr(code.a,rand()*62,1),
    substr(code.a,rand()*62,1),
    substr(code.a,rand()*62,1),
    substr(code.a,rand()*62,1),
```

substr(code.a,rand()*62,1), substr(code.a,rand()*62,1)

```
)
```

FROM (SELECT '0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ' a) code) WHERE user_id = [user_id];

2.6.2 SQL FOR RENEWAL:

```
UPDATE `#__comprofiler` SET cb_key =
(SELECT concat(
   substr(code.a,rand()*62,1),
   substr(code.a,rand()*62,1),
```

```
substr(code.a,rand()*62,1),
substr(code.a,rand()*62,1),
substr(code.a,rand()*62,1),
substr(code.a,rand()*62,1),
substr(code.a,rand()*62,1),
substr(code.a,rand()*62,1),
substr(code.a,rand()*62,1)
)
```

FROM (SELECT '0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ' a) code) WHERE user_id = [user_id] AND (cb_key IS NULL OR cb_key = '');

3 CONFIGURE QR MODULE

Configure QR Module to show QR Code in Online Member Card.

module position=**qrcode** qr code generation=**page url** caching=**no** menu assignment=**all pages**

ECC	Μ	•
Size	3	•
Margin	0	•
BackColor	#ffffff	
ForeColor	#00000	
QR Code data type	Page URL	•
Page URL Select URL	Page URL WebSite URL	
Text after		
CSS After		
Block QR Code on Mobiles	Nein Ja Selectio	n

4 CREATE THE MEMBERCARD

4.1 CREATE A NEW JOOMLA CATEGORY

At first create a new joomla! category (for example "system") to hold the following three new articles:

- 1. Article for Membercard content
- 2. Article to redirect to, when validation failed
- 3. Article to redirect to, when access not allowed

4.2 CREATE THE ARTICLE FOR THE MEMBERCARD

title:	Member card
category:	system
access level:	public

soucerer plugin code:

{source}

[[?php

\$document = JFactory::getDocument();

\$document->addStyleSheet('/templates/spf/css/bootstrap.min.css');

\$document->addStyleSheet('/templates/spf/css/membercard.css');

\$app =& JFactory::getApplication();

include_once(JPATH_ADMINISTRATOR . '/components/com_comprofiler/plugin.foundation.php');

\$ArticleBaseURL = JURI::base().'index.php?option=com_content&tmpl=component&view=article&id=';

\$cbUserID = \$_GET['user'];

\$cbUserKey = \$_GET['key'];

if (!empty(\$cbUserID) && !empty(\$cbUserKey)) {

// needed values for verification are set

\$cbUser =& CBuser::getInstance(\$cbUserID);

\$cbkey = \$cbUser->getField('cb_key', null, 'html', 'none', 'list');

if (\$cbkey == \$cbUserKey) {

// verfication successful

echo '[[div class="membercard"]]';

echo '[[img id="mcimg" src="/images/stories/mcbg.png" /]]';

echo '[[div class="mctxt"]]';

echo '[[div id="qrcode"]]{loadposition qrcode}[[/div]]';

echo '{cb:[cb:userposition position="not_on_profile_1" user="'.\$cbUserID."' /]}';

echo '[[/div]]';

echo '[[/div]]';

} else {

// verification failed

\$app->redirect(\$ArticleBaseURL.'142&Itemid=1320');

}

```
} else {
// unauthorized access
$app->redirect($ArticleBaseURL . '141&Itemid=1319');
}
?]]
{/source}
```

The code must check the URL get variables user and key. If they are correct and correlate with the saved key in the user profile, saved by the CBSubs Plan SQL Action, the card will be shown, else a redirect will happen to one of the failure articles.

Notice: you need the joomla! sorcerer plugin installed and enabled. Toggle the sourcerer's tag style to find out which style works for you.

Replace No 142 and 141 with your respective article id's and 1320 and 1319 with your respective menu item id's. But this you must do later, when articles and menu items will be created and saved (see also below).

4.3 CREATE THE ARTCILE FOR VALIDATION FAILED

title: Member card – validation failed category: system access level: public

soucerer plugin code:

{source}<?php
\$document = JFactory::getDocument();
\$document->addStyleSheet('/templates/spf/css/membercard.css');
echo '[[div class=membercard]]';
echo '[[div id=msg]]';
?>
Validation failed!
Security Key and / or username wrong.
<?php
echo '[[/div]]';
echo '[[/div]]';
?>{/source}

Notice: you need the joomla! sorcerer plugin installed and enabled. Toggle the sourcerer's tag style to find out which style works for you.

Adjust the template path to your needs.

4.4 CREATE THE ARTICLE FOR ACCESS DENIED

title: Member card – access denied category: system access level: public

soucerer plugin code:

{source}<?php
\$document = JFactory::getDocument();
\$document->addStyleSheet('/templates/spf/css/membercard.css');
echo '[[div class=membercard]]';
echo '[[div id=msg]]';
?>
Zugriff verboten!
Die gewählte Funktion steht nicht zur Verfügung.
<?php
echo '[[/div]]';
echo '[[/div]]';
?>{/source}

Notice: you need the joomla! sorcerer plugin installed and enabled. Toggle the sourcerer's tag style to find out which style works for you.

Adjust the template path to your needs.

5 CREATE HIDDEN MENU ITEMS FOR ARTICLE

5.1 CREATE A NEW MENU

Create a new menu (e. g. "hidden") and do not create a module for that menu.

5.2 CREATE MENU ITEMS

Create three menu items, each with type "single article" and configure them to the three new created articles before.

Then go to article "Member card" and update article and menu item id's.

Then go to the configuration of field CB_LINK_TO_MEMBERCARD and adjust also article id to the member card's article id and the corresponding menu item.

6 ADD SYTYLES AND TEMPLATES

6.1 COMPONENT VIEW

<?php

/**

- * @author JoomlaShine.com http://www.joomlashine.com
- * @copyright Copyright (C) 2008 2011 JoomlaShine.com. All rights reserved.
- * @license GNU/GPL v2 http://www.gnu.org/licenses/gpl-2.0.html

*/

// No direct access
defined('_JEXEC') or die('Restricted access');
\$document = JFactory::getDocument();

\$document->addCustomTag('<meta name="viewport" content="width=device-width, initial-scale=1.0,
maximum-scale=2.0" />');

JHtml::stylesheet(\$this->baseurl.'templates/'.\$this->template.'/css/bootstrap.min.css'); JHtml::stylesheet(\$this->baseurl.'templates/'.\$this->template.'/css/template.css'); JHtml::stylesheet(\$this->baseurl.'modules/mod_maximenuck/assets/font-awesome.min.css'); JHtml::stylesheet(\$this->baseurl.'templates/'.\$this->template.'/css/membercard.css');

?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="<?php echo \$this->language; ?>" lang="<?php echo \$this->language; ?>" dir="<?php echo \$this->direction; ?>">

<head>

<jdoc:include type="head" />

</head>

<body class="contentpane" id="jsn-content-popup">

```
<jdoc:include type="message" />
```

<jdoc:include type="component" />

- </body>
- </html>

6.2 MEMBERCARD STYLE SHEET

```
Name: membercard.css
/* member card styling */
@media print {
 div.membercard {
  -webkit-transform: scale(0.6);
  -moz-transform: scale(0.6);
  -ms-transform: scale(0.6);
  -o-transform: scale(0.6);
  transform: scale(0.6);
 }
}
.page-header{margin:0;}
div.membercard {
 position:relative;
 display:block;
 width:500px;
 height:318px;
 margin:10px;
}
.membercard #mcimg {
 width:100%;
 height:auto;
 z-index:1;
}
.membercard .mctxt {
 z-index:999;
}
.cbFieldsContentsTab * {
 line-height: 1;
}
.membercard .page-header{
 position:absolute;
 left: 37%;
 top: 15px;
 border:none;
}
.membercard .page-header h4 {
 font-size: 28px;
```

```
color: #000000;
 font-weight: bold;
}
.membercard label {
 margin:2px 0px 2px 0px;
 font-size: 10px;
 color:#808080;
}
#cbfr_76, #cbfr_71, #cbfr_73 {
 position:absolute;
 left: 37%;
}
#cbfr_76 {
 top: 60px;
}
#cbfr_71 {
 top: 95px;
}
#cbfr_73 {
 top: 130px;
}
#cbfv_76, #cbfv_71, #cbfv_73 {
 padding-left: 10px;
 font-weight: bold;
 font-size: 16px;
}
#cbfr_84, #cbfr_79, #cbfr_78 {
 position:absolute;
 left: 20px;
 width: 60%;
}
#cbfr_84 {
 top: 170px;
}
#cbfr_79 {
 top: 200px;
}
#cbfr_78 {
 top: 230px;
}
.control-label {
```

```
width: 100%;
}
#cbfv_84, #cbfv_79, #cbfv_78 {
 font-size: 14px;
 padding-left: 6px;
}
#qrcode {
 position:absolute;
 bottom:20px;
 right:20px;
 width:130px;
}
#qrcode img {
 height:100%;
 width:100%;
 z-index:1000;
}
#qrcode a:link:after,
#qrcode a:visited:after {
 content: " ("attr(href) ") ";
 display:none;
}
.membercard #msg {
 position:absolute;
```

width:100%; text-align:center;

top: 180px;

}

Notice: at the field specific styles you must adjust your field id's

6.3 BACKGROUND IMAGE

Filename: mcbg.png

