

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=YCc7Dedqucx5QWc9cy98eMe>

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

2.3 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_ADDRESS

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":

<p>Show card / print</p>

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 Subscriptions Yes, CB subs control field availability ⓘ

A. Availability depending on profile Owner's subscriptions

1) For other viewers:

Owner Plans controlling field available in profile standard
Club
Betreiber
versteckt ⓘ

2) For Profile owner himself:

Still Available for Profile Owner himself No: profile owner himself is also restricted ⓘ

Text or HTML to display near field information icons in profile edit mode if user has access to this field ⓘ

B. Field visibility by Viewer's Subscriptions Yes, viewer's CB subs control field visibility ⓘ

B. Visibility depending on Viewer's subscriptions

1) For other viewers:

Viewer Plans controlling field visibility by viewer (none means not controlled) standard
Club
Betreiber
versteckt ⓘ

2) For Profile owner himself:

Still Viewable for Profile Owner himself Yes: profile owner can still view his own field ⓘ


```
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**

The screenshot shows a configuration interface for a QR module. It includes several settings:

- ECC:** M
- Size:** 3
- Margin:** 0
- BackColor:** #ffffff
- ForeColor:** #000000
- QR Code data type:** Page URL

Under the **Page URL** section, there is a "Select URL" label and two buttons: "Page URL" (highlighted in green) and "WebSite URL".

Below this, there are two text input fields labeled "Text after" and "CSS After".

At the bottom, there is a section for "Block QR Code on Mobiles" with three radio buttons: "Nein" (selected), "Ja", and "Selection".

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

soucererer 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 =& CUser::getInstance( $cbUserID );
$cbkey = $cbUser->getField( 'cb_key', null, 'html', 'none', 'list' );
if ($cbkey == $cbUserKey) {
// verification successful
echo '[[div class="membercard"]]';
echo '[[img id="mcing" 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 sorcerer'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 ARTICLE 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 sorcerer'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 soucerer'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 #mcing {
  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



Stellplatzfuehrer.de