Availability Calendar

June 2013

A Calendar to show your day-to-day availability

Availcal is a calendar to show the availability of whatever you might need it for (eg. holiday cottage, hotel rooms etc.).

The **component** maintains a database with objects and for each object the availability status.
This availability status is build up with one or more darkperiods each with a start and end date.
A darkperiod indicates the busy status of the object. If no darkperiods are attached the object is fully available.
Each object is identified with an unique name.

The module and/or plugin displays the calendar in the frontend.

The **plugin** inserts the availability calendar in an article. This is achieved by replacing {availcal="name"} by the corresponding calendar. The name is the name of the object in the components database. An article may contains different calendars each identified by an unique name. The plugin has two display modes, one with a number of months the other with one month with the possibility to scroll to other months. (see the plugin parameters)

The **module** makes it possible to display in a module position one availability calendar in the one month display mode only.

Frontend administration is added in the joomla 3.0 version availcal_06_0_1

General

My intention was and is to keep availcal simple by using:
- a few parameters
- ithe Joomla built-in java library.

The Joomla 2.5 version 05_02 is based on mootools. As jQuery is the primary library in joomla 3 I changed the Joomla 3 version of Availcal (06_00) to jQuery. In this process I also released a Jquery based (05_05) version for Joomla 2.5.

For customization purposes I introduced the "**Custom CSS** rules".
With the Custom CSS and the defaults given below it the user has the possibility to make its own calendar layout and style.

It is also possible to hide the busy and/or partly legend in the lower row of the calendar.

To do so add in the custom CSS field :

.display_post {
        visibility:hidden;
}

In this example the partly legend is hidden.

To **change the name of the busy or partly legend** edit the appropriate language file.

Versions

Joomla 1.5

Version availcal15.
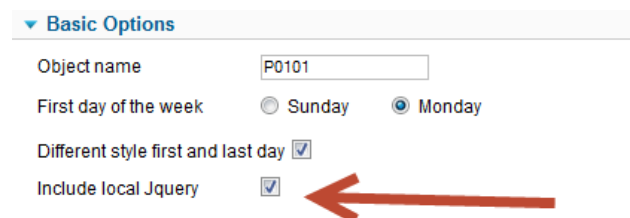This version has a limited functionality and is as is, no support.

Joomla 2.5 mootools

Version availcal_05_02

Mootools/jQuery conflict. When other plugins are using jQuery the working of the Availability Calendar may be corrupted. This problem can be solved by using the plugin "JB Library Plugin" (see http://www.joomlabamboo.com/joomla-extensions/jb-library-plugin-a-free-joomla-jquery-plugin). Make sure that in the section "Remove Other Instances of jQuery" of this plugin the param "Enable Unique jQuery" is set to Y

Joomla 2.5 jQuery

Version availcal_05_05

In this version you have the option to load a local version of jQuery. Loading this local version may cause problems of other extensions already included jQuery. If more extensions are using jQuery I recommend to use an extension like Jquery Includer .

Joomla 3.0

Version availcal_06_0_1

Component

Input parameters

Name	the name of the object
Startdate	the first day of the dark period (yyyy-mm-dd)
Enddate	the last day of the dark period (yyyy-mm-dd)
Busy	partly or full. An option to show that the object is partly or not available.
Remark	Optional and only used in the administration component

With {availcal="naam"} placed in an article the busy status is shown.
In the plugin configuration the number of months (from the present one on) can be set.

Imports of Darkperiods through an XML file

A function UploadXML is available for synchronization with other applications. This function uploads an XML.
The root node of the XML document is "objects",

Next there is an "object" node (child node), and has one attribute ,name.
The object node encloses four other nodes startdate, endDate, busy and optional remark.
Start Date endDate and have the format yyyy / mm / dd. Busy for the value 0 partially occupied, the value 1 for a fully occupied and the value of 2 for not occupied.
This latter value is for those applications that only generates a complete calendar in XML format.
Availcal skips the busy periods with a value 2.
Look at the XML file (anderespanje.xml) and an XMLSchema (availcalXMLschema.xsd).

Export of Darkperiods in XML format

In the darkperiods admin you find the XML Export button.
Make a selection of darkperiods or select all and click the Export button. A file in xml format will be presented.

Translations

Language	C	M	P
en-GB	x	x	x
nl-NL	x	x	x
de-DE	x	x	x
es-ES	x	x	x
sv-SE		x	x
he-IL	x	x	x
nb-NO		x	x

The defautl CSS values are:

```
.availcal    {

}
.table_pos   {
     display:inline-table;
     margin-left:10px;
     vertical-align:top;
}
TABLE  .cal_main{
     border-collapse: separate; border: 1px solid #000;
}
.cal_main    {
     width:200px;
     border:1px;
}
.cal_month   {
     text-align:center;
}
.cal_post    {
     background-color:#F00;
     text-align:center;
}
.cal_part    {
     background-color:#f6b283;
     text-align:center;
```

```css
}
.cal_empty    {
      text-align:center;
}
.cal_today    {
      text-align:center;
      background-color:#CCC;
}
.cal_firstday_post {
      background-color:#ff9292;
      text-align:center;
}
.cal_lastday_post   {
      background-color:#ff9292;
      text-align:center;
}
.cal_firstday_part {
      background-color:#f1d8c6;
      text-align:center;
}
.cal_lastday_part   {
      background-color:#f1d8c6;
      text-align:center;
}
.cal_days,    .cal_title {
      text-align:center;
}
.text_busy    {
      color:#F00;
      text-align:center;
}
.availcal .table_pos td {
      text-align:right;
      width:28px;
}
.display_part       {
}
.display_post       {
}
.legend_first       {
}
.legend_next {
}
```

The use of the CSS:

```html
<div class="availcal" data-wnbrdisplay="0" data-firstlast="0" data-week_firstday="0">
    <div class="table_pos">
        <table class="cal_main">
            <tbody>
                <tr class="cal_title">
                <tr class="cal_days">
            </tbody>
        </table>
        <div id="result">
            <table class="cal_main" data-monthmin="1" data-monthplus="3" data-year="2013" data-id="P0101A">
                <tbody>
                    <tr>
                    <tr>
                    <tr>
                    <tr>
                    <tr>
                    <tr>
                    <tr class="legend_first">
                        <td class="cal_post display_post">   </td>
                        <td class="display_post" colspan="2">Bezet</td>
                        <td></td>
                        <td class="cal_part display_part">   </td>
                        <td class="display_part" colspan="2">Beperkt</td>
                    </tr>
                </tbody>
            </table>
        </div>
    </div>
</div>

<table class="cal_main">
    <tbody>
        <tr class="cal_title">
            <th>
            <th class="cal_month" colspan="5">
            <th>
        </tr>
        <tr class="cal_days">
            <td>z</td>
            <td>m</td>
            <td>d</td>
            <td>w</td>
            <td>d</td>
            <td>v</td>
            <td>z</td>
        </tr>
    </tbody>
</table>
```

```html
<div id="result">
    <table class="cal_main" data-monthmin="1" data-monthplus="3" data-year="2013" data-id="P0101">
        <tbody>
            <tr>
            <tr>
            <tr>
                <td class="cal_empty">
                <td class="cal_empty">
                <td class="cal_empty">
                <td class="cal_post">
                <td class="cal_post">
                <td class="cal_post">
                <td class="cal_today">
            </tr>
            <tr>
            <tr>
            <tr>
            <tr class="legend_first">
        </tbody>
    </table>
</div>
```