

# GJax gjs:calendar

## From Intranet

gJax Developers Guide

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## gjs:calendar

A locale sensitive date control. Includes a pop-up calendar window. It can be used at level 5 or level 4. Below that the constituent parts of the control may be referenced to create custom date and calendar functionality.

```

<gjs:calendar
  id='gaga'
  accesskey='X'
  gjsInternalValue='{@gaga}'
  onchange='fnGagaChanged()'      Default: Calendar.fnValidate();Form.fnChanged()
  readonly='0|1'                  Default: 0
  row='0|1'                       Default: 1 (generate <tr> element)
  calendar='0|1'                  Default: 1
  validate='0|1'                  Default: 1
  gjsLocale='US|EUROPE'          Default: /Form/@locale
>
  <label>Caption text</label>
  <hint>Tool tip text</hint>
</gjs:calendar>

```

## Level 5

### Synopsis

```

<xsl:include href='gjsForm.xsl' />

<gjs:form
...
  locale='{/Form/user/@locale}'>

<gjs:calendar
  id='gaga'
  accesskey='X'
  gjsInternalValue='{@gaga}'
  onchange='fnGagaChanged()'      Default: Calendar.fnValidate();Form.fnChanged()
  readonly='0|1'                  Default: 0
  row='0|1'                       Default: 1 (generate <tr> element)
  calendar='0|1'                  Default: 1
  validate='0|1'                  Default: 1
  gjsLocale='US|EUROPE'           Default: /Form/@locale
>
  <label>Caption text</label>
  <hint>Tool tip text</hint>
</gjs:calendar>

```

## Examples

```

<gjs:calendar
  id='startDate'
  gjsInternalValue='{@startDate}'
  accesskey='S'>
  <label>Start date</label>
</gjs:calendar>

<gjs:calendar
  id='endDate'
  gjsInternalValue='{@endDate}'
  readonly='1'>
  <label>End date</label>
</gjs:calendar>

```

## Notes

Generally, the locale property should be supplied at the form level and will then apply to all date controls on the page. It can be overridden on individual <gjs:inputDate> elements if you wanted to, say, force a date to be input in US format, but this would be quite unusual.

The calendar property is used to switch off the pop up calendar.

The validate property enables validation and normalisation to be switched off. By default the onchange event handler will validate the date entered by the user and, if valid, normalise it and redisplay the normalised form (eg 1/1/05 becomes 01/01/2005). If validate is set to 0 then the onchange event handler defaults to Form.fnChanged().

The gjsInternalValue property should be valued with the date in ccyyymmdd format. The value property will be automatically populated with the date in the locale specific display format by calling the <gjs:formatDate> template.

## Level 4

### Synopsis

```

<xsl:include href='gjsControls.xsl' />

<link rel='StyleSheet' href='gjsForm.css' type='text/css' />
<script src='Calendar.js' />

<div
  class='calendar'
  id='divCalendar'
  showTitle='1'
  onpropertychange='Calendar.fnChange(this)'
  locale='US|EUROPE'>
</div>

<gjs:calendar
  id='gaga'
  accesskey='X'
  gjsInternalValue='{@gaga}'
  onchange='fnGagaChanged()'           Default: Calendar.fnValidate(this);Form.fnChanged()
  readonly='0|1'                       Default: 0
  row='0|1'                           Default: 1 (generate <tr> element)
  calendar='0|1'                      Default: 1
  validate='0|1'                      Default: 1
  gjsLocale='US|EUROPE'               Default: /*[@id='divCalendar']/@locale
  >
  <label>Caption text</label>
  <hint>Tool tip text</hint>
</gjs:calendar>

```

## Examples

```

<xsl:include href='gjsControls.xsl' />

<xsl:template match="Form">
  <html>
    <head>
      <link rel='StyleSheet' href='gjsForm.css' type='text/css' />
      <script src='Calendar.js' />
    </head>
    <body>

      <!-- The calendar control -->
      <div
        class='calendar'
        id='divCalendar'
        showTitle='1'
        onpropertychange='Calendar.fnChange(this)'
        locale='{ /Form/user/@locale}'>
      </div>

      <table>
        <gjs:calendar
          id='startDate'
          gjsInternalValue='{@startDate}'
          accesskey='S'>
          <label>Start date</label>
        </gjs:calendar>

        <gjs:calendar
          id='endDate'
          gjsInternalValue='{@endDate}'
          readonly='1'>
          <label>End date</label>
        </gjs:calendar>
      </table>
    </body>
  </html>
</xsl:template>

```

## Notes

When used directly the Calendar.js file must be loaded into the page. Additionally each page must contain exactly one instance of the calendar div.

## Level 3 and below

### Synopsis

```
<xsl:template match="Form">
  <html>
    <head>
      <link Rel='StyleSheet' Href='gjsForm.css' Type='text/css' />
      <script src='Calendar.js' />
    </head>
    <body>

      <!-- The calendar control -->
      <div
        class='calendar'
        id="divCalendar"
        showTitle='1'
        onpropertychange="Calendar.fnChange(this)"
        locale='US|EUROPE'>
      </div>

      <table>

        <tr>
          <label
            for='gaga'
            accesskey='X'>
          <td>
            <span class='caption'>_Caption</span>
          </td>
          </label>
          <td>
            <!-- Wrap input field and image inside a table to work around an IE formatting bug -->
            <table class='formLayoutTable' width='133'>
              <tr>
                <td>
                  <input
                    type='text'
                    size='9'
                    maxlength='10'
                    id='gaga'
                    name='gaga'
                    value='31/12/1999'
                    class='input'
                    gjsLocale='US|EUROPE'
                    onchange='Calendar.fnValidate(this)'>
                  </input>
                </td>
                <td>
                  
                </td>
              </tr>
            </table>
          </td>
        </tr>
      </table>
    </body>
  </html>
</xsl:template>
```

### Examples

```

<xsl:template match="Form">
  <html>
    <head>
      <link rel='StyleSheet' href='gjsForm.css' type='text/css' />
      <script src='Calendar.js' />
    </head>
    <body>

      <!-- The calendar control -->
      <div
        class='calendar'
        id="divCalendar"
        showTitle='1'
        onpropertychange="Calendar.fnChange(this)"
        locale='{ /Form/user/@locale}'>
      </div>

      <table>

        <tr>
          <label
            for='startDate'
            accesskey='S'>
          <td>
            <span class='caption'>Start Date</span>
          </td>
          </label>
          <td>
            <!-- Wrap input field and image inside a table to work around an IE formatting bug -->
            <table class='formLayoutTable' width='133'>
              <tr>
                <td>
                  <input
                    type='text'
                    size='9'
                    maxlength='10'
                    id='startDate'
                    name='startDate'
                    gjsInternalValue='19991231'
                    value='31/12/1999'
                    class='input'
                    gjsLocale='{ /Form/user/@locale}'
                    onchange='Calendar.fnValidate(this)'>
                  </input>
                </td>
                <td>
                  
                </td>
              </tr>
            </table>
          </td>
        </tr>
      </table>
    </body>
  </html>
</xsl:template>

```

## Notes

- Calendar.fnValidate(this) will validate the content of this.value in accordance with the locale specified in this.gjsLocale. It will also populate this.gjsInternalValue with the date in ccyyymmdd format.
- It is your responsibility to ensure that value and gjsInternalValue are both populated initially with the same date value. The <gjs:formatDate> template from gjsControls.xsl can be used to do this if required.
- Calendar.fnToggle(this,inputFieldId) There is one Calendar control on any form. This method makes it visible, populates it with the value from the input field specified by inputFieldId and positions the calendar appropriately relative to *this*.

## TODO

- Window should pop-up above or below depending on available space

- Century default is a little crude - 99 defaults to 2099, should be 1999.
- Could separate <divCalendar> into a standalone template
- Could rename divCalendar to gjsCalendar to prevent name conflicts
- Could separate style sheet elements into a standalone css file

Retrieved from "[http://10.101.68.18/intranet/index.php/GJax\\_gjs:calendar](http://10.101.68.18/intranet/index.php/GJax_gjs:calendar)"

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