

# Development-Examples-Calendar Component

Here is a little example on how to write a "calendar" component:

So you have a specific month, some of the dates are links (that will depend on what the calendar is for) and some basics navigations (next/previous month, year).

That's how the html could look like:

```

<webobject name = "Table">
  <tr>
    <td align = "left" valign = "top" colspan = "7">
      <webobject name = "Month"></webobject>
      <webobject name = "HasNavigation">
        <webobject name = "YearLink"><webobject name =
"Year"></webobject></webobject>
      </webobject>
    </td>
  </tr>
  <webobject name = "Rows">
    <tr>
      <webobject name = "Columns">
        <td align = "right" valign = "top">
          <webobject name = "HasLink">
            <webobject name = "IsCurrentDay"></webobject><webobject name
= "Link"><webobject name = "Day"></webobject></webobject><webobject name =
"IsCurrentDay"></webobject>
          </webobject>
          <webobject name = "HasNoLink">
            <webobject name = "Day"></webobject>
          </webobject>
        </td>
      </webobject>
    </tr>
  </webobject>
  <webobject name = "HasNavigation">
    <tr>
      <td align = "left" valign = "top" colspan = "3">
        <webobject name = "HasPreviousMonth">
          <small><webobject name = "PreviousMonthLink"><webobject name =
"PreviousMonth"></webobject></webobject></small>
        </webobject>
      </td>
      <td align = "left" valign = "top">

      </td>
      <td align = "right" valign = "top" colspan = "3">
        <webobject name = "HasNextMonth">
          <small><webobject name = "NextMonthLink"><webobject name =
"NextMonth"></webobject></webobject></small>
        </webobject>
      </td>
    </tr>
  </webobject>
</webobject>

```

And here is the wod:

```
Table: WOGenericContainer{
    elementName = "table";
    border = "0";
    cellSpacing = "0";
    cellPadding = "0";
};
HasNavigation: WOConditional
{
    condition = hasNavigation;
};
YearLink: WOHyperlink{
    action = displayYear;
};
Year: SpanString{
    value = month.year;
    isBold = true;
    isSmall = true;
    class = "Label";
};
Rows: WORepetition{
    count = rowCount;
    index = rowIndex;
};
Columns: WORepetition{
    count = columnCount;
    index = columnIndex;
};
Month: SpanString{
    value = month.monthName.toUpperCase;
    isBold = true;
    isSmall = true;
    class = "Label";
};
DayName: SpanString{
    value = dayName;
    isSmall = true;
    class = "Label";
};
HasLink: WOConditional{
    condition = hasLink;
};
HasNoLink: WOConditional{
    condition = hasLink;
    negate = true;
};
IsCurrentDay: WOConditional{
    condition = isCurrentDay;
};
Link: WOHyperlink{
    action = displayDay;
```

```
};
Day: SpanString{
    value = day.day;
    isSmall = true;
    isBold = isCurrentDay;
    isItalic = isCurrentDay;
    class = "Label";
};
HasNextMonth: WOConditional{
    condition = hasNextMonth;
};
NextMonthLink: WOHyperlink{
    action = displayNextMonth;
};
NextMonth: SpanString
{
    value = nextMonthName;
    isSmall = true;
    class = "Label";
};
HasPreviousMonth: WOConditional{
    condition = hasPreviousMonth;
};
PreviousMonthLink: WOHyperlink{
    action = displayPreviousMonth;
};
PreviousMonth: SpanString{
    value = previousMonthName;
    isSmall = true;
};
```

```
    class = "Label";  
};
```

The component implementation is left to the imagination of the reader.