

# VelocityViewMacros

Collection of Velocimacros that are of a web-oriented nature and/or make use of the various VelocityView tools (using their recommend keys of course!)

```
##
 * HTML velocimacro
 * @author Robin Mannering
*#
## Checkbox control. 'Remembers' checkbox choices made by user on previous form submission.
## $name The control name
## $selectedValues A list of currently checked values
## $labels The list of labels for the options
## $values The list of values for the options

#macro (checkboxGroup $name $selectedValues $labels $values)

    ## Use a zero-based counter.
    #set ( $index = 0 )

    #foreach( $value in $values )

        #set ( $rendered = false )

        #foreach( $selectedValue in $selectedValues )
            #if ( $value == $selectedValue )
                <input type="checkbox" name="$name" value="$value" checked>${!labels.get($index)}<
/inputs><br/>
                #set ( $rendered = true )
            #end
        #end

        #if ( $rendered == false )
            ## the current checkbox still hasn't been rendered it, so it must be rendered
(unchecked)
            <input type="checkbox" name="$name" value="$value">${!labels.get($index)}</inputs><br/>
        #end

        #set ( $index = $index + 1 )
    #end
#end
```

```
##
 * HTML velocimacros
 * @author Ted Husted
*#
## Select control
## $name The control name
## $selected The selected value
## $labels The list of labels for the options
## $values The list of values for the options
#macro (select $name $selected $labels $values)
    ## The velocityCounter starts at 1 by default, so we use our own zero-based counter.
    #set($s="NULL" )
    #set($s=$selected )
    #set($i=0 )
    <select name="$name">
        #foreach ($v in $values)
            <option value="$v"#if("$v"=="$s") selected="selected"#end>${!labels.get($i)}</option>
        #set($i=1+$i)
        #end
    </select>
#end
```

```

## Select control
## $name The control name
## $selected The selected value
## $values The list of values for the options
#macro (selectValues $name $selected $values)
    #set($s="NULL" )
    #set($s=$selected )
    <select name="$name">
    #foreach ($v in $values)
    <option #if("$v"=="$s") selected="selected"#end>${v}</option>
    #end
    </select>
#end

```

```

## Shorter version of selectValues
## @author Lance Lavandowska
#macro (selectValuesShort $name $selected $values)
    #select($name $selected $values $values)
#end

```

```

## Select control using LabelValue objects (label property, value property)
## $name The control name
## $selected The selected value
## $beans The collection of LabelValue beans
#macro (selectList $name $selected $list )
    #set($s="NULL" )
    #set($s=$selected )
    <select name="$name">
    #foreach ($e in $list )
    #set($v = $e.value )
    <option value="$v"#if("$v"=="$s") selected="selected"#end>${e.label}</option>
    #end
    </select>
#end

```

```

## Pager macro
## author Serges Zubkov
## Macro for pager control on velocity list pages
## $skip The value of currentky skipping elements
## $pager The value of elements situated on the page count
## $pagesize The value of the pages shown in the pager
## $elementscout The overall elements count
## $link The common link such as: "yoururl?param1=value1&param2=param2&" (the final '?' or '&' is required)
## $cur "Label" of the pager.
##
#macro (pager $skip $pagesize $pagesize $elementscout $link $cur )
    <table border="0" cellpadding="2" cellspacing="1" width="100%">
        <tr>
            <td valign="center" align="left" width="30%">
                #if ($elementscout > $pagesize)
                    #set ($curpage = $skip / $pagesize)
                    #set ($curpage = $curpage + 1)
                    #if ($curpage == 1)
                        #else
                            <a href="{link}skip=0">&lt;&lt;</a>
                            #set ($pg = $curpage - 2)
                            #set ($pg = $pg * $pagesize)
                            <a href="{link}skip=$pg">&lt;&lt;</a>
                        #end
                    #set ($semipagesize = $pagesize / 2)
                    #set ($minpage = $curpage - $semipagesize)
                    #set ($maxpage = $curpage + $semipagesize)
                    #set ($potentialmaxpage = $elementscout / $pagesize)
                    #set ($strunk = $elementscout % $pagesize)
                    #if ($strunk > 0)

```

```

        #set ($potentialmaxpage = $potentialmaxpage + 1)
    #end
    #if ($minpage < 1)
        #set ($minpage = 1)
    #end
    #if ($maxpage > $potentialmaxpage)
        #set ($maxpage = $potentialmaxpage)
    #end
    #set ($pages = [$minpage .. $maxpage])
    #foreach ($page in $pages)
        #if ($page == $curpage)
            $page
        #else
            #set ($pg = $page - 1)
            #set ($pg = $pg * $pagesize)
            <a href="{link}skip=$pg">$page</a>
        #end
    #end
    #if ($curpage == $potentialmaxpage)
    #else
        #set ($pg = $curpage * $pagesize)
        <a href="{link}skip=$pg">&gt;</a>
        #set ($pg = $potentialmaxpage - 1)
        #set ($pg = $pg * $pagesize)
        <a href="{link}skip=$pg">&gt;&gt;</a>
    #end
    #else
        #set ($curpage = 1)
        #set ($potentialmaxpage = 1)
    #end
</td>
<td align="center" valign="center" width="30%">
    #set ($firstElement = $curpage - 1)
    #set ($firstElement = $firstElement * $pagesize)
    #set ($firstElement = $firstElement + 1)
    #set ($lastElement = $curpage * $pagesize)
    #if ($curpage == $potentialmaxpage)
        #set ($lastElement = $elementscount)
    #end
    $firstElement - $lastElement &#1080;&#1079; $elementscount
</td>
<form name="sizeform$cur" method="post" action="$link">
    <td align="right" valign="center">
        Page size:
        #set ($str = "javascript:sizeform$cur")
        #set ($str = "${str}.submit()")
        <select name="size" onChange="$str" class="form">
    #set ($values = [1..10])
    #foreach ($value in $values)
        #set ($optValue = $value * 10)
        #if ($pagesize == $optValue)
            <option value="$optValue" selected>$optValue</option>
        #else
            <option value="$optValue">$optValue</option>
        #end
    #end
    </select>
    </td>
</form>
</tr>
</table>
#end

```

```

## Pager for printable pages - one more pager
## author Serget Zubkov
#macro(printPager $skip $pagesize $pagersize $elementscount $link $cur)
  <table border="0" cellpadding="2" cellspacing="0" width="100%" bordercolor="#FFFFFF">
    <tr>
      <td valign="center" align="left">
        #if ($elementscount > $pagesize)
          #set ($curpage = $skip / $pagesize)
          #set ($curpage = $curpage + 1)
          #set ($semipagesize = $pagersize / 2)
          #set ($minpage = $curpage - $semipagesize)
          #set ($maxpage = $curpage + $semipagesize)
          #set ($potentialmaxpage = $elementscount / $pagesize)
          #set ($strunk = $elementscount % $pagesize)
          #if ($strunk > 0)
            #set ($potentialmaxpage = $potentialmaxpage + 1)
          #end
          #if ($minpage < 1)
            #set ($minpage = 1)
          #end
          #if ($maxpage > $potentialmaxpage)
            #set ($maxpage = $potentialmaxpage)
          #end
          #set ($firstElement = $curpage - 1)
          #set ($firstElement = $firstElement * $pagesize)
          #set ($firstElement = $firstElement + 1)
          #set ($lastElement = $curpage * $pagesize)
          #if ($curpage == $potentialmaxpage)
            #set ($lastElement = $elementscount)
          #end
          #set ($pages = [$minpage .. $maxpage])
          #if ($minpage > 1)
            #set ($pghi = $pagesize)
            #if ($pghi > $elementscount)
              #set ($pghi = $elementscount)
            #end
            [<a href="{link}printSkip=0">1..$pghi</a>]..
            #set ($pg = $curpage - 2)
          #end
          #foreach ($page in $pages)
            #if ($page == $curpage)
              [<b>$firstElement..$lastElement</b>]
            #else
              #set ($pg = $page - 1)
              #set ($pg = $pg * $pagesize)
              #set ($pghi = $pg + $pagesize)
              #set ($pglo = $pg + 1)
              #if ($pghi > $elementscount)
                #set ($pghi = $elementscount)
              #end
              [<a href="{link}printSkip=$pg">$pglo..$pghi</a>]
            #end
          #end
          #if ($maxpage < $potentialmaxpage)
            #set ($pg = $potentialmaxpage - 1)
            #set ($pg = $pg * $pagesize)
            #set ($pglo = $pg + 1)
            ..[<a href="{link}printSkip=$pg">$pglo..$elementscount</a>]
          #end
        #else
          #set ($curpage = 1)
          #set ($potentialmaxpage = 1)
        #end
      </td>
    </tr>
  </table>
#end

```