

Application for Web-IO Analog

Product overview

Application overview

Digital display

Store measurement values on a database server



The value measured by the [Web-IO Analog](#) can be simply visualized on a Web page using JavaScript and a few images. Incorporation of the Web-IO applet provides for continuous updating of the display.

Using the following copy&paste example you can represent a current value measured by your Web-IO Analog (Model 57421, 57642 or 57643) on a Web page in the form of a digital display. You can also find a corresponding sample Web page for [displaying two measured values](#)

Preparations

You have already provided your Web-IO Analog

- with power,
- connected it to your network,
- assigned it an IP address - which with [WuTility](#) is no problem.

1. Incorporate JavaScript into the Web page

Copy the JavaScript (shown in blue) from the following example into the <head> area of your Web page.

```

<html>
<head>
<title>Digitale Anzeige</title>
<script language="JavaScript" type="text/javascript">
  <!--
  var valuevolt;
  voldtigit = new Array(5);
  document.write("<img border='0' src='display_400.gif' style='position:absolute; top:10px; left:
  document.write("<img border='0' src='dot_400.gif' style='position:absolute; top:37px; left:180
  voldtigit[0] = new multipic(201,"digit_400_", "gif", 9, 37, 80, "nolink");
  voldtigit[1] = new multipic(202,"digit_400_", "gif", 9, 37, 130, "nolink");
  voldtigit[2] = new multipic(203,"digit_400_", "gif", 9, 37, 190, "nolink");
  voldtigit[3] = new multipic(204,"digit_400_", "gif", 9, 37, 240, "nolink");
  voldtigit[4] = new multipic(205,"digit_400_", "gif", 9, 37, 290, "nolink");
  function multipic(id, img_name, img_ext, img_count, ypos, xpos, link)
  {
    img_count++;
    this.multipics = new Array( img_count );
    this.multipic_count = img_count;
    this.multipic_id = id; // class variables
    for (i=0; i<img_count; i++)
    {
      this.multipics[i] = new Image();
      this.multipics[i].src = img_name+i+'.'+img_ext;
    }
    this.Set = picSet; // Class method
    if (link == "nolink")
    {
      document.write("<img id='"+this.multipic_id+"' style=position:absolute;top:"+ypos+"px;left:
    }
    else
    {
      document.write("<a href='javascript:" + link + "(" + id + ")';><img id='"+this.multipic_id+
    }
  }
  function picSet(iCount)
  {
    for (i=0; i<this.multipic_count; i++)
    {
      if(iCount==i)
      {
        document.getElementById(this.multipic_id).src = this.multipics[i].src;
      }
    }
  }
  function sensorChanged( iDevice, iSensor, iVal )
  {
    var maxdigits = 5;
    var i=maxdigits;
    var digitvalue;
    if (iSensor==1)
    {
      valuevolt = iVal;
      iVal=valuevolt*1000
      do
      {
        i--
        digitvalue = parseInt(iVal/Math.pow(10,i));
        voldtigit[maxdigits-1-i].Set(digitvalue);
        iVal=iVal-digitvalue*Math.pow(10,i);
      }
      while(i>0)
    }
  }
  </script>
</head>
...

```

2. Incorporate applet into Web page

- Copy the applet data (in blue) to the <body> area of your Web page.
- Insert the IP address of your Web-IO Analog.

```

...
<body>
<applet name="Analog" archive="A.jar" code="A.class" codebase="http://10.40.22.27" height="0" wid
  <param name="device" value="0">
  <param name="showerrors" value="off">
  <param name="sensorpolling" value="on">
  <param name="pollingrate" value="500">
  Java ist nicht aktiviert oder wird nicht unterstützt
</applet>
</body>
</html>
...

```

3. Download and store images

- Now all you need is the images associated with the display object, which we have provided here for downloading: [zip \(approx. 21 kB\)](#).
- Please place the images in the directory in which the Web page with the JavaScript and applet data are located.



We are available to you in person:

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