

Visio WEB

eStudio Version 2.91



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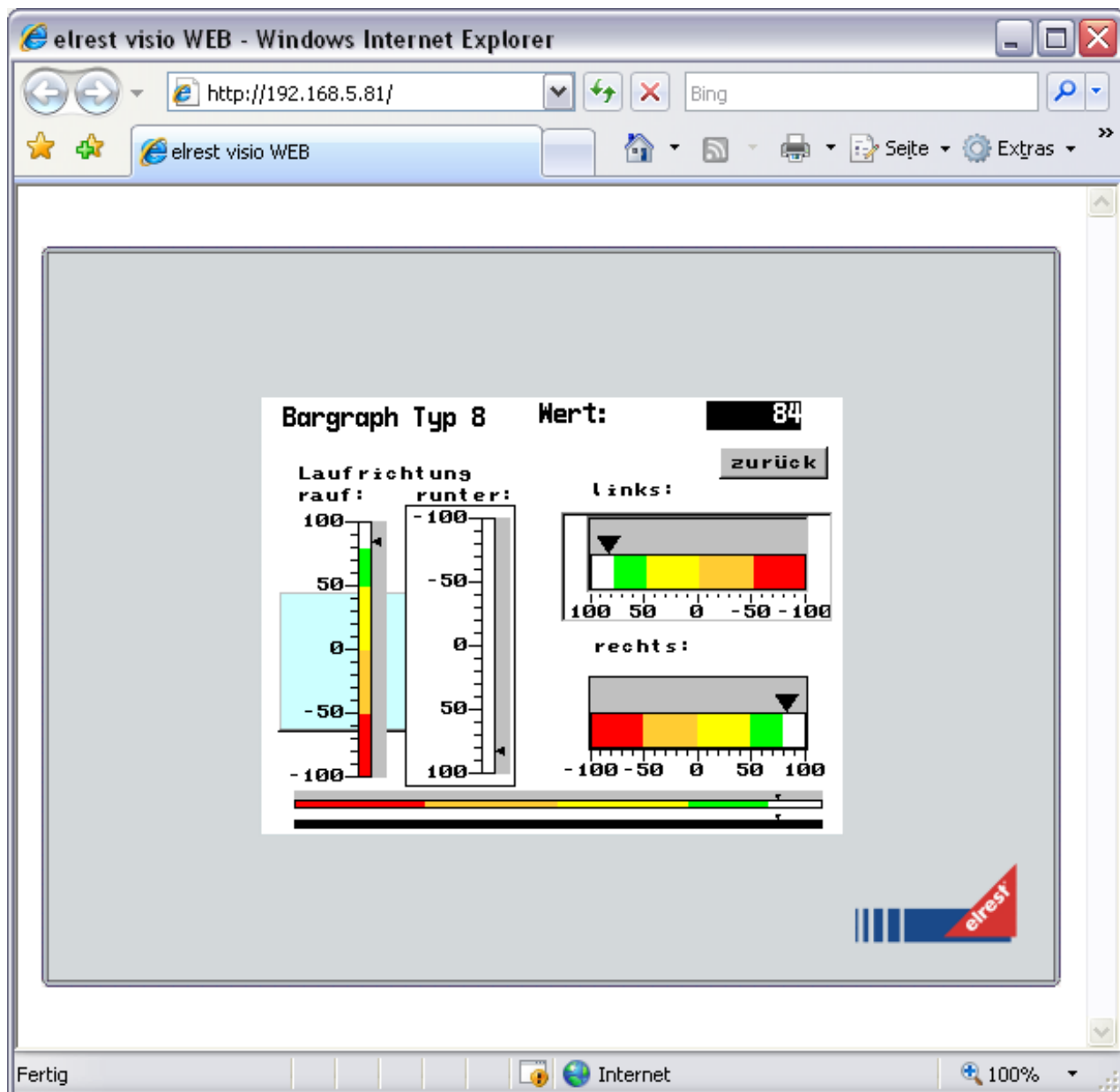
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Contents

Contents.....	2
1 Overview	3
2 Installation	5
3 Settings	6
3.1 Web server log file.....	6
3.2 Log visioWeb.....	7
3.3 Start / stop the web server on the CE devices	8
4 VisioWEB administration eStudio	8
5 Error messages	12
6 History	14
7 Technical support	15

1 Overview

With visioWEB can be accessed via Internet Explorer on remote devices (panel, combo). The visualization created with eStudio is transferred to the Internet / Intranet. It is operated by keyboard and mouse.

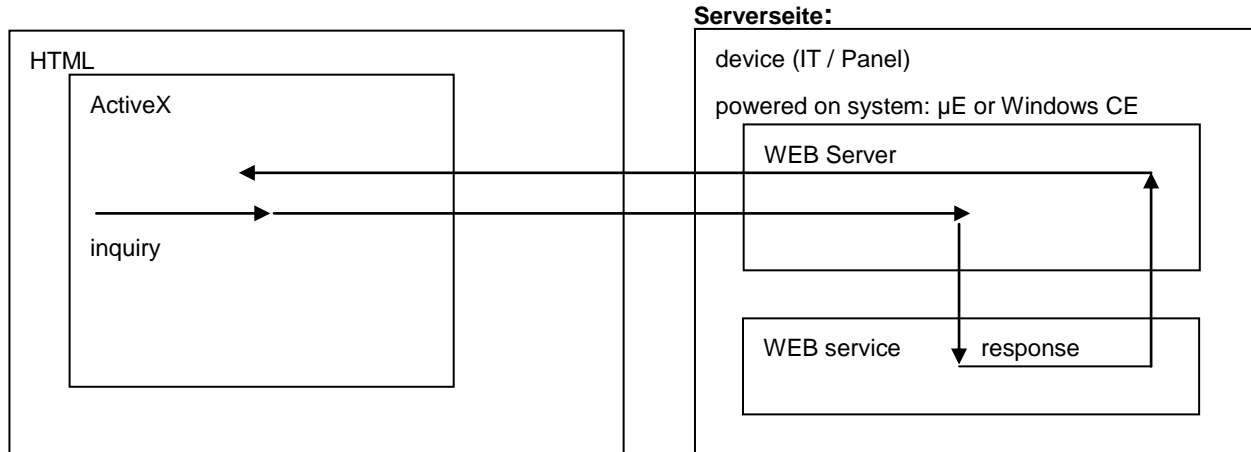


The communication between the client (browser PC) and the Windows CE Web Server (Remote Panel) is based on HTML, SOAP, XML and ActiveX.

At the beginning of the Visualisierung the Download of Resources (e.g. Fonts etc.) via FTP. Thereafter begins the Transmission of screen element, if it's necessary a password will be asked.

Client side:

Server side:



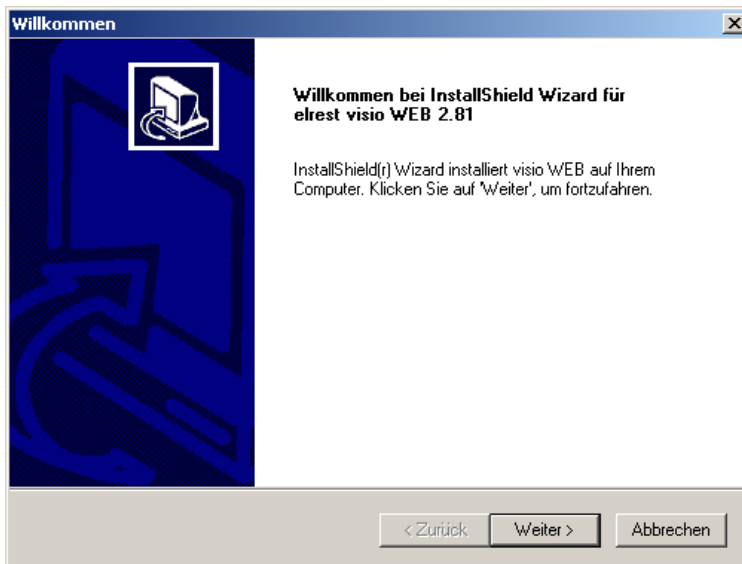
It is possible to use several visioWEB connections simultaneously

2 Installation

System requirements

- Microsoft Windows 2000, Windows XP, Windows Vista, Windows 7
- Internet browser with ActiveX support (eg. the Microsoft Internet Explorer)

Insert Disk1 \ Setup.exe from the CD and follow the wizard general



3 Settings

3.1 Web server log file

The Web server writes a log file if the path specified in the registry. This setting is accessible via the configuration panel (Tab http / logging directory). Substituting the value to an empty string, then no log file will be written (performance optimization).

HKEY_LOCAL_MACHINE \ Comm \ HTTPD \ log directory by default has the value \ windows \ www. This means that a log file with the name written in the current-httpd.log the \ windows \ www

Example (previous-httpd.log): Mon, 22 Feb 2010 14:55:19 192.168.5.58 GET / 200

Mon, 22 Feb 2010 14:55:20 192.168.5.58 GET / d.gif 200

Mon, 22 Feb 2010 14:55:20 192.168.5.58 GET / CP104.gif 200

Mon, 22 Feb 2010 14:55:20 192.168.5.58 POST / 501

Mon, 22 Feb 2010 14:55:20 192.168.5.58 GET / ElaVisioWeb.wsdl 200

Mon, 22 Feb 2010 14:55:20 192.168.5.58 POST / ElaVisioWEB.wsdl 200

Mon, 22 Feb 2010 14:55:20 192.168.5.58 POST / ElaVisioWEB.wsdl 20

3.2 Log visioWeb

The following registry setting on the panel (Windows CE) is possible

HKEY_LOCAL_MACHINE \ SOFTWARE \ elrest automation systems GmbH visio went weblog

Visio weblog set whether a log file to be written. Substituting the value to 1, then in the \ Flash Disk \ wwwpub on the panel, the log file generated visioWeb.log. The log file can be up. 200 KB are great. The file is overwritten when it reaches the maximum size. For performance reasons, the log should only be enabled for debugging

Valid values are 0 or 1 The value changes until you restart the Web server or reboot the device.

The path and filename of the log file can be changed with the following registry keys:

1. HKEY_LOCAL_MACHINE \ Comm \ HTTPD \ vroots \ \ / visioWeb
2. HKEY_LOCAL_MACHINE \ Comm \ HTTPD \ vroots \ /

29.01.2010 14:51:30 | 255 | Login

29.01.2010 14:51:30 | 0 | DBG login: client_id 0

29.01.2010 14:51:30 | 0 | Login with success (User=supervisor,SysUser=xyz,Language=0,id=0)

29.01.2010 14:51:30 | 0 | MouseDown

29.01.2010 14:51:30 | 0 | GetDevInfo

29.01.2010 14:51:30 | 0 | MouseDown

29.01.2010 14:51:30 | 255 | ElaDesign: visioWeb activated

29.01.2010 14:53:51 | 255 | Login

29.01.2010 14:51:30 | 255 | Login

29.01.2010 14:51:30 | 0 | DBG login: client_id 0

29.01.2010 14:51:30 | 0 | Login with success (User=supervisor,SysUser=xyz,Language=0,id=0)

29.01.2010 14:51:30 | 0 | MouseDown

29.01.2010 14:51:30 | 0 | GetDevInfo

29.01.2010 14:51:30 | 0 | MouseDown

29.01.2010 14:51:30 | 255 | ElaDesign: visioWeb activated

29.01.2010 14:53:51 | 255 | Login

3.3 Start / stop the web server on the CE devices

The Web server on the CE device can be started (start) and stopped (stop) through the Services (services.exe). A list of currently running services can be queried with "list".

Example: restart (command prompt)

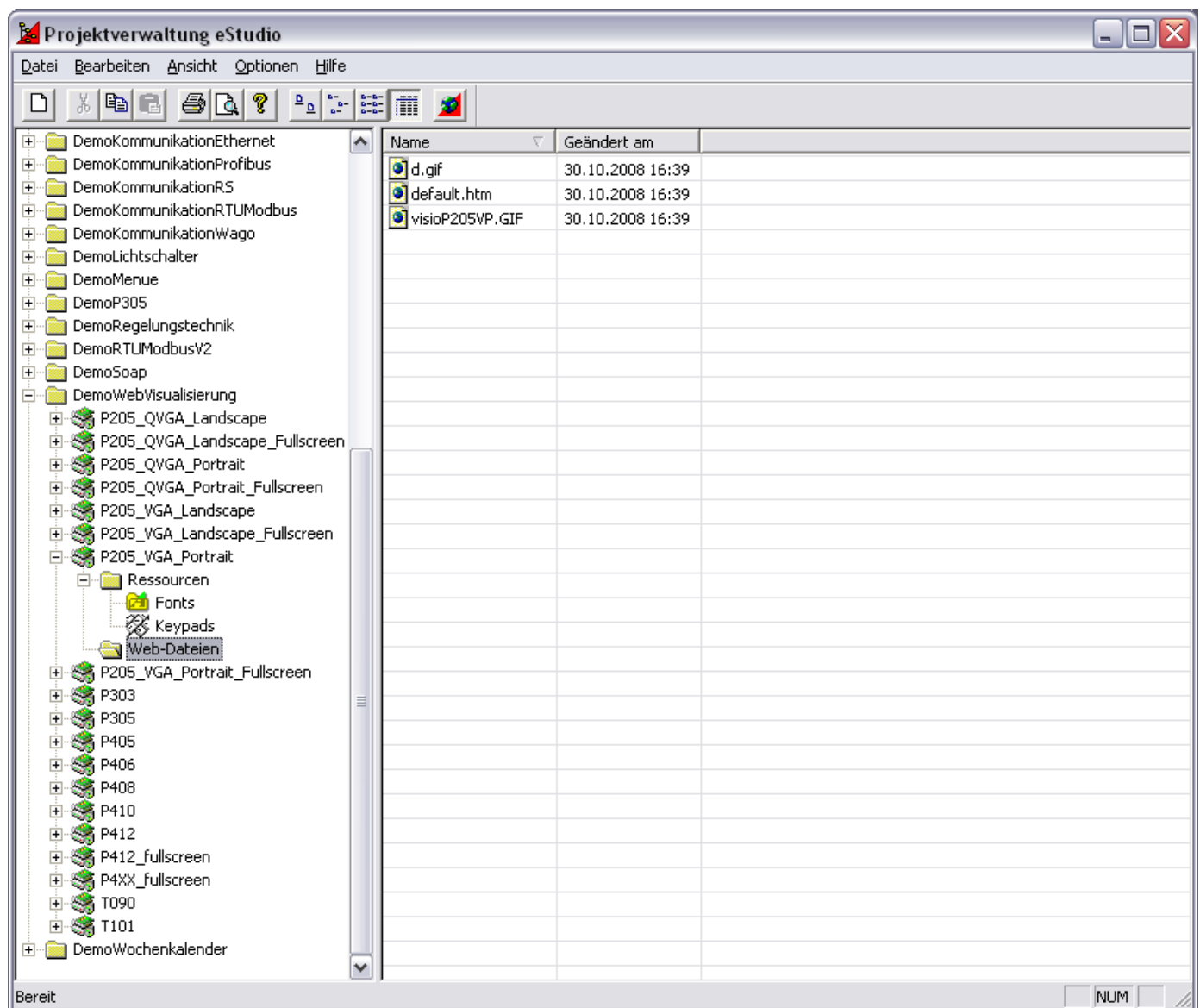
services list

services stop HTP0:

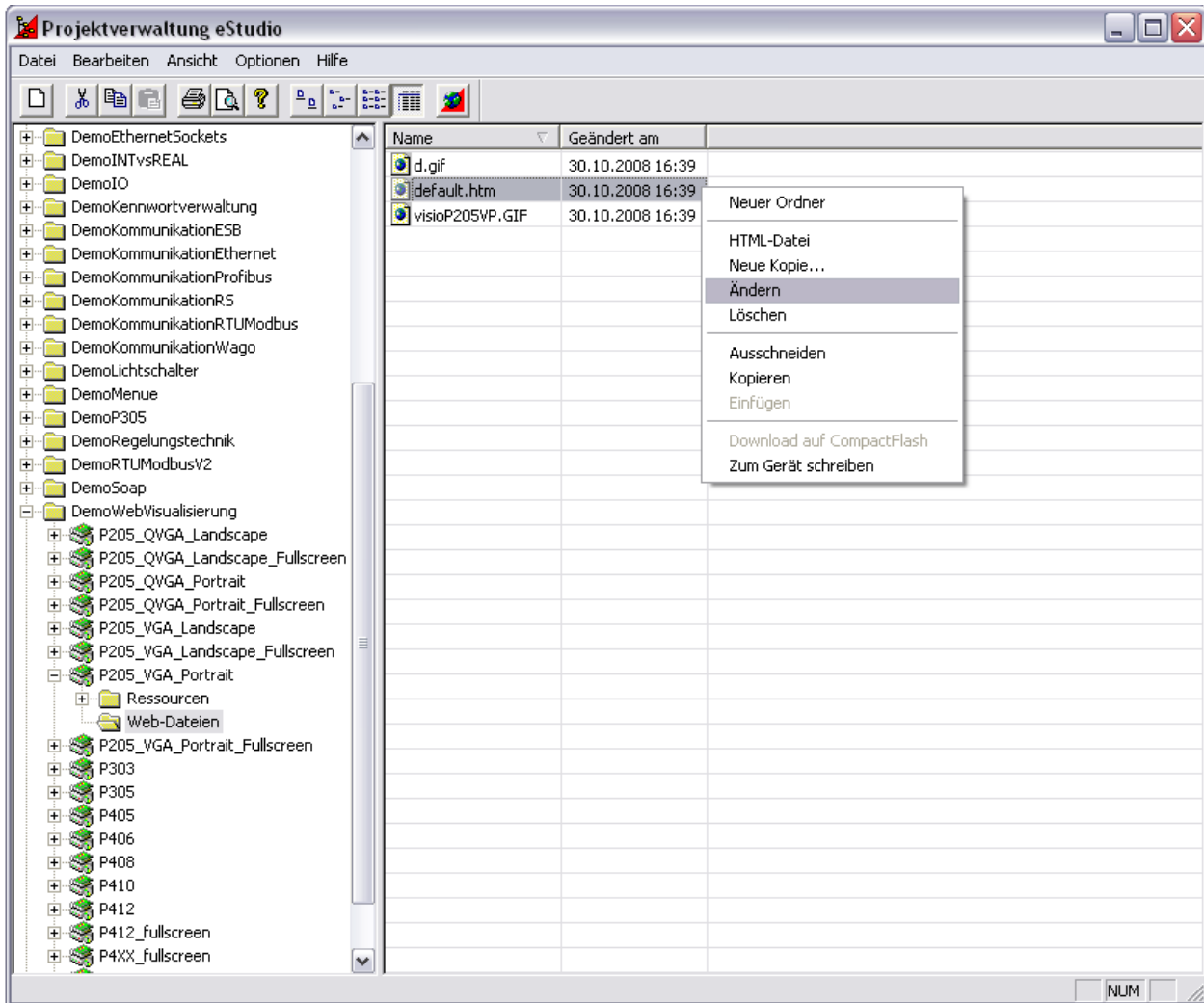
services start HTP0:

4 VisioWEB administration eStudio

The eStudio project 'DemoWebVisualisierung' requires some HTML pages that will be used by the visioWEB ActiveX Control. visioWEB for being able to connect to a device. The design can be adjusted for the customer.

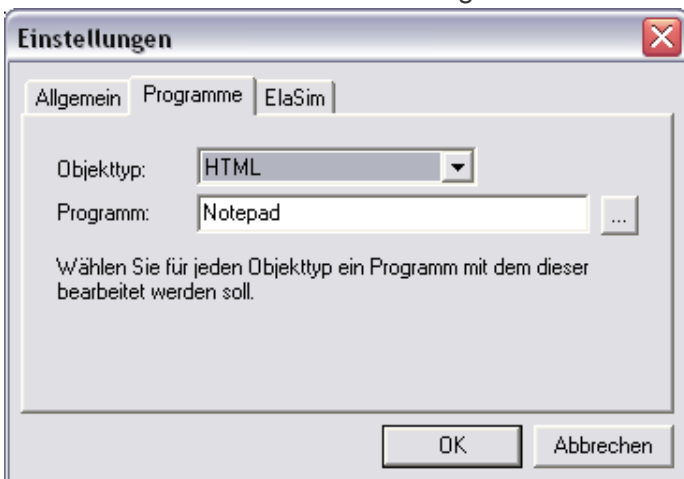


With eStudio you can easily manage visioWEB files and Edit HTML file

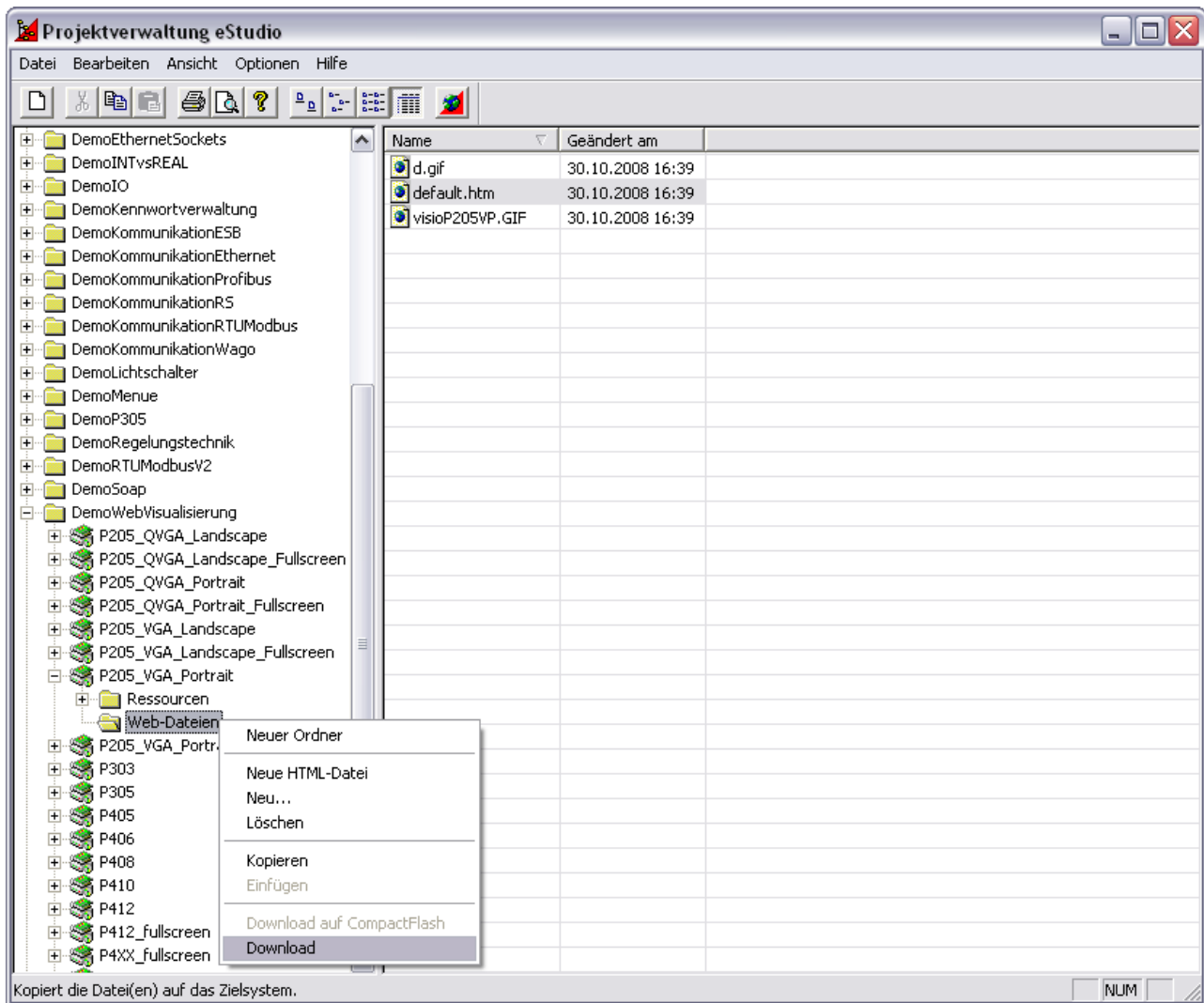


With the menu options → settings → programs

You can choose an editor for editing HTML files from eStudio



Download files from the device



On the Windows CE Devices is the Root Directory of the Web-Servers from the Registry be determined

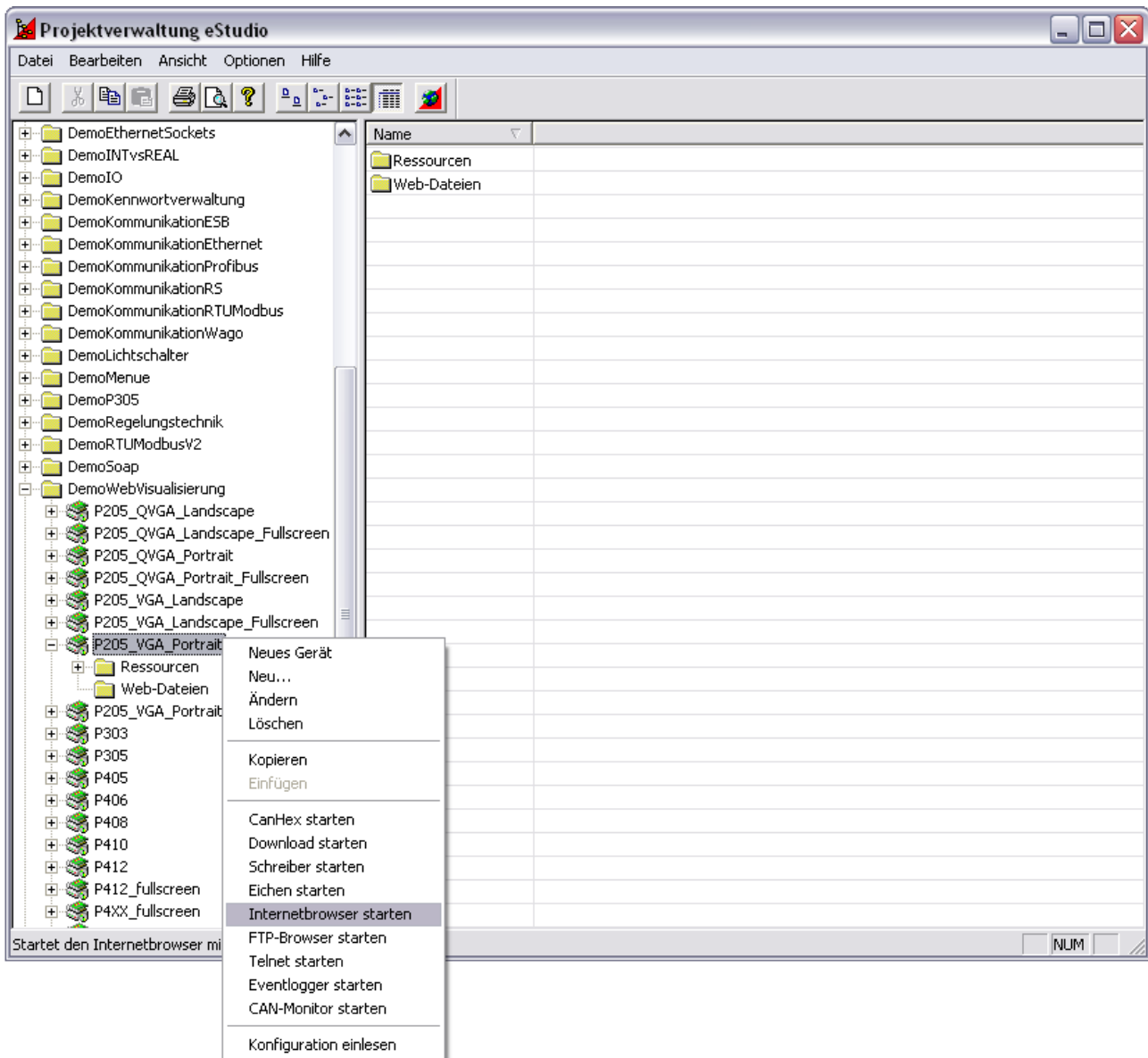
Per default `\Flashdisk\wwwpub` (`HKEY_LOCAL_MACHINE\Comm\HTTPD\ROOTS` registry key).

If you call on in the Web browser [http:// IP or DeviceName](http://IP or DeviceName) (e.g. <http://192.168.5.68>), the content of the page `\Flashdisk\wwwpub\default.htm` will be accessed. If you want to access to the subdirectories, so the URL should be adjusted accordingly (eg <http://192.168.5.68/subdir>)



In eStudio you can comfortable access to a web visualization.

The Internet Explorer will be started automatically with the correct URL



5 Error messages

The error messages are shown in the following format:

Error:

Source: Server / Client

Message: error message

Detail: detailed error text

Error getting the resource file via ftp

- The resource could not be transferred with FTP.

Redressment:

Check that the TEMP/TMP environment variables are valid (command line command set) and if it's necessary delete the file :TARGET_IP.bin from the temporary directory (example: "c: \Documents and Settings\user_xyz\Local Settings\Temp\visio_192.168.5.81 \res192_168_5_81.bin")

Could not create an instance of DomDocument

- The Microsoft XML \ package (MSXML) must be installed (see eStudio / visioWEB CD

Invalid resource file.

- The resource file is faulty

Redressment:

Compare the resource files on the device with the PC (TEMP/tmp directory - see environment variables). If they are not the same, it's probably an error at the download of the resource with FTP. In this case, close the browser and open it again. If these files are equal, then the right resources are not on the device. Please, then make an upload of the resources on the device. If the error still occurs, a version mismatch between visioWEB and Estudio does not exclude.

Fred-µE specific error messages:

No connection to the device!

Redressment:

Check over the network and firewall settings. In the event that 1 minute no data is requested, the web server will be disconnected. Please, try again to connect.

Only one visioWEB client supported

A second client tries to connect with the Web server. Fred- μ E devices allows, due to their lower capacity, only one visioWEB connection. Fred-CE devices permit several visioWEB connections at the same time

No default mask.

There was no mask (visualization) transferred to the device. Create with the Estudio mask edit a start window and then transfer them to the device.

Fred-CE spezifische Meldungen:

Please start ElaDesign.

- ElaDesign runtime does not work on the fred-CE device. Please restart the Runtime on the device

The visioWEB service supports maximum 4 clients. The following clients are already connected:

...

The maximum number of connections is exceeded. Only 4 clients can be logged on at the same time, to ensure an adequate performance on the device

Please log in first.

- It may happen that ElaDesign marked this client as disconnected, because no request has been received for more than 1 minute. Maybe the HTTP connection was interrupted. In this case just refresh / reopen the internet browser.

Could not load the <http://IP or hostname/ElaVisioWEB.wsdl>!

- The ElaVisioWEB WSDL file was not found (Web Services Description Language). Copy the file to the appropriate directory (usually the root directory of the web server \Flashdisk\wwwpub). See registry key
HKEY_LOCAL_MACHINE\comm\httpd\ vroots

The target namespace not found!

Redressment:

Open the file ElavisioWeb.wsdl in a text editor and change the attribute targetNamespace accordingly.

Example:

```
<definitions name='ElaVisioWEB'
  xmlns:soap='http://schemas.xmlsoap.org/wsdl/soap/'
  xmlns:s='http://www.w3.org/2001/XMLSchema'
  xmlns:tns='tnsElaVisioWEB'
  xmlns:tm='http://microsoft.com/wsdl/mime/textMatching/'
  targetNamespace = 'tnsElaVisioWEB'
  xmlns='http://schemas.xmlsoap.org/wsdl/'>
```

WSDLReader: Loading the WSMML file into MSXML failed HRESULT-0x80070057.

WSDLReader: XML parser failed at linenumber 0, lineposition 0, reason is: The system cannot locate the object specified. HRESULT-0x1

- Check the presence of ElaVisioWEB.wsml file in the same directory as the WSDL file (ElaVisioWEB.wsdl).

The attempt to connect to the server failed.

ErrorCode: XXXX.

Possibly the FTP service is not running on the device. Check the FTP connection from the command line when command services.exe list (or services start / stop).

6 History

<i>Date</i>	<i>Name</i>	<i>Chapter</i>	<i>C</i>	<i>Version</i>
12.2005	N. Prodana		erstellt	2.81
03.2010	W. Rückl		Überarbeitung	2.83

7 Technical support

Hotline

Support Help and Information gives our hotline at the following times:

Mo - Fr : von 8³⁰- 12⁰⁰ und 13⁰⁰ bis 16³⁰ Uhr

Outside these hours you can reach us anytime via e-mail or fax.

Telefon: ++49 (0) 7021 / 92025-33

Telefax: ++49 (0) 7021 / 92025-29

e-mail: hotline@elrest.de

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