

WEB page generation

straton user guide – Rev. 7

sales@straton-plc.com



straton



STRATON AUTOMATION, All Rights Reserved

The information contained in this document is the property of STRATON AUTOMATION. The distribution and/or reproduction of all or part of this document in any form whatsoever is authorized only with the written authorization of STRATON AUTOMATION. The technical data are used only for the description of the product and do not constitute a guarantee of quality in the legal sense of the term. We reserve the right to make technical changes.

Content

1. OVERVIEW	3
2. REQUIREMENT AND SETUP	3
3. CREATE AND CONFIGURE AN APPLICATION	3
3.1. Configure and run the Data Server.....	3
3.2. Generate a HTML5 WEB page.....	3

1. Overview

This document describes how to start with the WEB page generation from a graphic document.

This functionality allows the user to access to straton variables on the Data Server via a WEB Browser.

2. Requirement and setup

The user of this tutorial must be familiar with straton Editor and in particular, the graphic editor.

User should be familiar with the Data Server installation (please refer to "Data Server Tutorial.pdf").

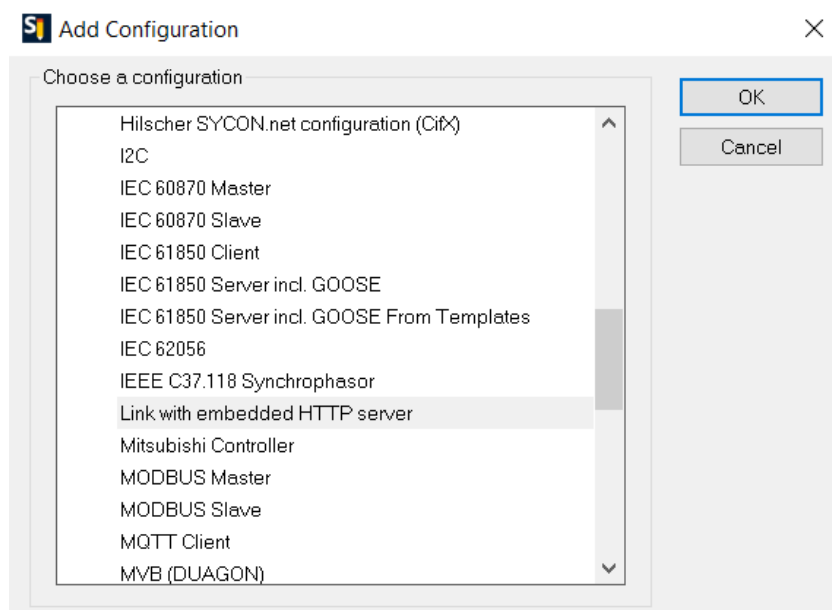
3. Create and configure an application

3.1. Configure and run the Data Server

- ▶ Copy the t5web.cgi binary inside your HTTP Server's subfolder used for CGI (most of the time 'cgi-bin')
- ▶ Launch the runtime.
- ▶ Launch the HTTP server.

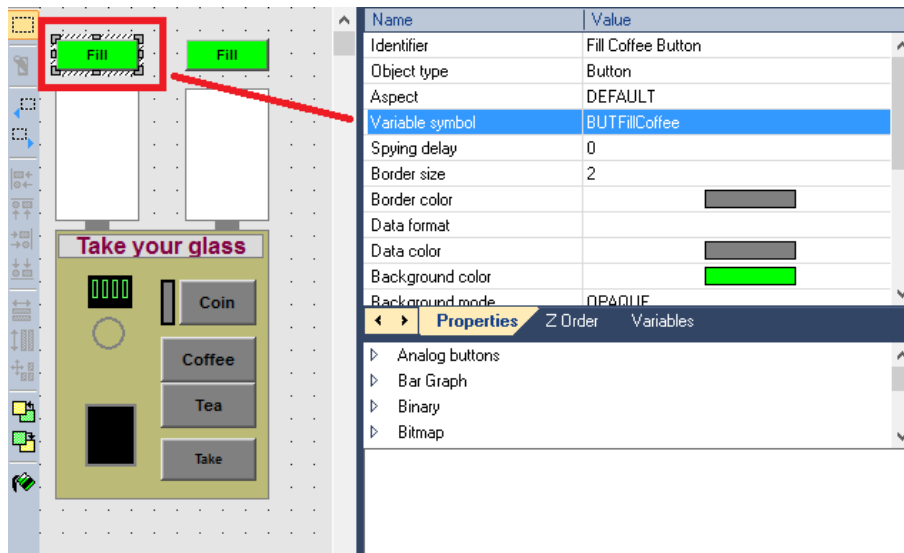
3.2. Generate a HTML5 WEB page

1. Create a new straton project
2. Insert in the field bus configuration tool the driver "Link with embedded HTTP Server":

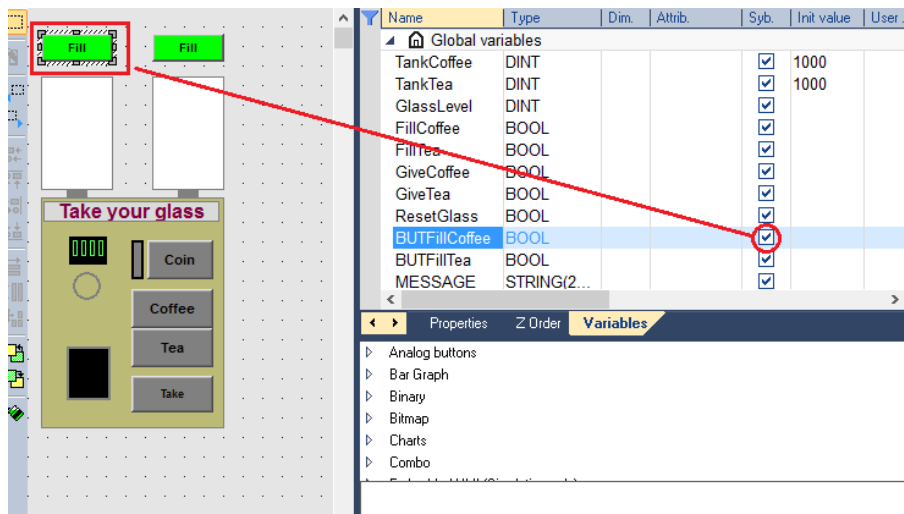


3. Add a new graphic document in the project
4. In this graphic document, add several graphic objects and select associated variables. These variables must be embedded

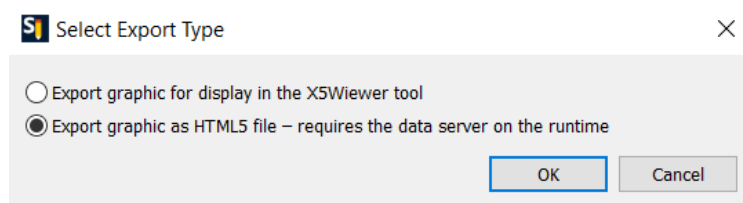
Example:



The variable "BUTFillCoffee" is associated to the "Fill" button and must have "Syb." checked in variable list:



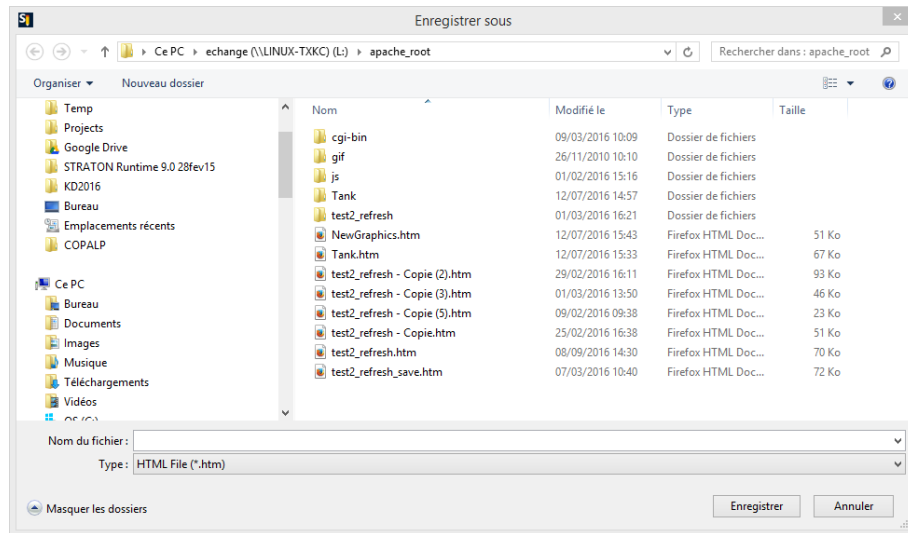
5. Download your application to the runtime
6. In the graphic editor, click on "Export Graphic" toolbar button and select "Export graphic as HTML5 file..."



7. Select the HTML file location

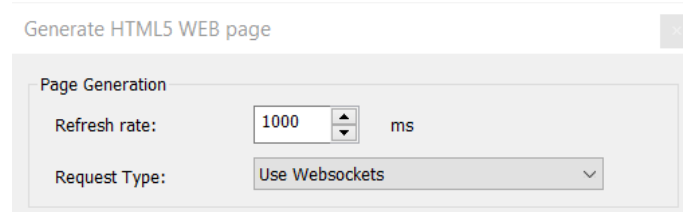
The file must be saved in the subfolder used for CGI (see section "Configure and Run the Data Server")

Note: if the runtime is on a Linux device, then page must be manually copied to the right folder (for example in `/var/www` for Apache on a Raspberry)



8. Select page settings:

- ▶ the page refresh time
- ▶ use CGI, FCGI or WebSockets



9. Open a web browser and go to TCP/IP address of your runtime, and open the correct html page:

