

com.tom

## com.tom CODESYS V11.0.9 - Known Bugs



## Component: Brandlabel (3 matches)

Ticket	Summary	Description	Workaround
#2162	CODESYS network variables: Parsing lists from CODESYS 3.x is not working	The CODESYS network variable list parser cannot parse lists from the 3.x version. But since version 2.7 has the same structure it interprets them as such. This works without issues except if comments are used " ", "*/" "/*" or the dataTypes are declared in lowercase "string etc". The list settings are ingored.	Remove c style comments from the "VAR_GLOBAL" "END_VAR" block. Declare all datatypes in upper case.
#2209	Modbus Slave: Wrong data type when editing first value after loading website	When editing the first Modbus slave value after loading the settings website, the data type shown in the value dialog may be wrong.	Cancel the value dialog and open it another time
#2219	Wrong progress indication while extracting update package	While an update package is being extracted, the progress indication shows a wrong percentage value.	

## Component: Editor (3 matches)

Ticket	Summary	Description	Workaround
#2082	Help page for Pack and Unpack units	Help page is missing that pack and unpack units are able to handle up to 32 bits	
#2093	Processing order changed to 0 when dialog cancelled	The change processing order dialog sets the processing order of the corresponding element to 0 when clicking cancel.	
#2159	CODESYS status LED indicates the Config Application State.	The CODESYS run state LED indicates the state of the Config Application. The Help website should document this.	

## Component: General (25 matches)

Ticket	Summary	Description	Workaround
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Ticket	Summary	Description	Workaround
#1745	Portal communication fails if nearly the maximum of I/Os and variables have been defined (step 1)	If a lot of I/Os and variables are defined (near to the maximum), data cannot be exchanged with the portal. Synchronisation of the node structure works, but when the device is started the next time, the CPU is 100 % busy and the device reboots after some time.	
#1746	WEB-PLC unwanted scrolling	If there 's a long list of configuration parameters in the WEB-PLC configuration website (e.g. Modbus configuration), the website will scroll automatically on the selected element while clicking on it. Because of this it 's not possible to edit a parameter by duple click. The problem occurs in Chrome since WEB-PLC V10.0.X	
#1983	Modbus RTU Master interval violation at start-up when WLAN is active on SC1x5	On SC1x5 processor based targets the Modbus RTU Master driver may violate its interval ("Modbus driver: The interval has been violated") at start-up if WLAN is active.	
#1997	Portal: Timestamp of data points triggered through trigger domain not updated	If a data point is triggered for transmission to the portal through a trigger domain, the timestamp is not updated.	
#2001	WLAN: Event log messages should look more human readable	The event log messages emitted by the WLAN driver should look more human readable.	
#2035	Update: Packages with empty files cannot be applied	If a update package contains an empty file, it cannot be applied. This may happen for example if you export the OpenVPN configuration with an empty configuration file.	
#2042	IEC 60870-5-104 Server: Portal node creation error.	The event log message "Could not create node. (Error Code 5)" is generated.	The reason the driver cannot build the nodes is random. So a reboot might fix the issue.
#2047	MicroBrowser: Variables cannot be written	Variables can no longer be written through the MicroBrowser interface. The message "! Variable or I/O value not found." is returned.	
#2052	WLAN: Connection loss if access point is shortly not visible	If the access point is not visible after a successful connection, the WLAN driver is not able to re-establish the connection	
#2062	IEC 61850 Server GOOSE subscription not working for complex data structures.	Using IEC 61850 Server GOOSE subscription with complex data structures crashes the WEB-PLC.	

<b>Ticket</b>	<b>Summary</b>	<b>Description</b>	<b>Workaround</b>
<b>#2073</b>	Network configuration cannot be changed through configuration update package	The network configuration cannot be changed through an configuration update package exported by the com.tom itself. If a configuration update package includes the network configuration, the package cannot be applied.	
<b>#2078</b>	Diagrams with pack/upack units cannot be loaded after update to Version 11.0.7	If a diagram contains pack/upack units and the device is updated to the Version 11.0.7 it will not load anymore.	
<b>#2084</b>	IP configuration password not changed by configuration update package	When a configuration package is applied that contains login information, the password for the IP configuration through the com.tom IP tool (or the @CHIPTOOL) is not changed.	
<b>#2125</b>	OPC UA Server: Change of array lengths not detected by PLC	If an OPC UA server value's array length is changed the PLC does not detect it. This can lead to a missconfigured programm to run.	
<b>#2130</b>	IEC 61850: SCL upload fails if the filename is the same as the previous SCL file	SCL upload fails if the filename is the same as the previous SCL file.	
<b>#2133</b>	IEC 61850: Timestamp is not transmitted if the value is 0	IEC 61850 transmits the timestamp value only if the value has also changed, because the initial value is 0 no timestamp is transmitted until the value changes.	
<b>#2146</b>	Long running CODESYS Web-visu leads to unspecified errors	If a web-visu is active CODESYS "forgets" to close files that are polled for changes usually the main 'htm' file. After some time depends on the number of clients and the refresh rate there are no more system resources left which leads to unspecified errors.	
<b>#2157</b>	M-Bus: Correct German translation	The up/down translation in German is wrong.	
<b>#2167</b>	CODESYS Network Variables: Group variables by list cannot be set.	The CODESYS network variables option group by list cannot be set.	As a workaroud, use the following update packages, to set or unset the option note the website checkbox will not reflect this.
<b>#2172</b>	Event log messages during connection est. don't pass to portal	The event log messages which occur during connection establishment don't pass to portal's event-log's downloadable xlsx file.	

Ticket	Summary	Description	Workaround
<b>#2175</b>	IEC 60870-5-104 Server: Pulse Commands Lead to a System crash	Short or Long pulse commands lead to a System crash.	
<b>#2213</b>	Opening help topic in new window does not work in Chrome	When opening a new window for the help system in Google Chrome the requested topic is not shown. If the window is already open, the requested topic is shown.	
<b>#2221</b>	Messages: Variable references might be assigned to the wrong variable	This can happen if the name of one variable is the first part of another's name and it is positioned after the mentioned variable.  For example:  idx: 0 name: uint8Max idx: 1 name: uint8  If a reference is created to the variable "uint8", it will be assigned to "uint8Max".	
<b>#2241</b>	IEC 61850 server/client: Crash when visible strings are used.	If the IEC 61850 datatype "VisString255" is used, the firmware will crash with the following error message "IEC 61850 driver: Invalid data type"	
<b>#2243</b>	Portal communication fails if nearly the maximum of I/Os and variables have been defined (step 2)	If a lot of I/Os and variables are defined (near to the maximum), data cannot be exchanged with the portal. Synchronisation of the node structure works, but when the device is started the next time, the CPU is 100 % busy and the device reboots after some time. Ticket <b>#1745</b> improved the performance, but did not completely solve the problem.	

### Component: Run Time System (7 matches)

Ticket	Summary	Description	Workaround
<b>#1876</b>	Timetags are not being updated in IEC 60870-5-104 Server values	Timetags are not being updated in IEC 60870-5-104 Server values	
<b>#2036</b>	Messages: Cannot send directly after start-up	Directly after the device has started up, the first short message cannot be sent. The error message "Message manager: Sending message <message index> failed (-1)." appears in the event log.	
<b>#2057</b>	Modbus RTU Slave: Serial port not freed when serial port is changed	When a com.tom has more than one serial port and you change the port for the Modbus RTU Slave driver, the previously used port will not be freed so that it can be used by other components.	

Ticket	Summary	Description	Workaround
<b>#2096</b>	IEC 61850: Reporting problems on server after connection loss	When a client enables reporting and the network connection is temporarily lost, reporting cannot be re-enabled afterwards.	
<b>#2131</b>	Hardware reset does not restore the CODESYS licence file	In a Hard Reset the codesys licences is removed, but not restored.	
<b>#2204</b>	OPC UA Server: Only one subscription per session	The OPC UA server supports only one subscription per session. If the subscription is for example used for ModelChangeEvents (like for example Unified Automation's UaExpert does), no subscription is available for monitored items. The error code BadTooManySubscriptions will be returned.	
<b>#2235</b>	IEC 61850 server: Crash on setting group without DOs in IED section	The IEC 61850 server may crash the whole firmware if there is a setting group where there are no instances of the DOs in the IED section of the ICD file.	

**Component: Website** (22 matches)

Ticket	Summary	Description	Workaround
<b>#826</b>	IEC 61850 configuration form may store inconsistent configuration	The configuration form of the IEC 61850 interface may store an inconsistent configuration. If the upload of the SCL file fails, the interface will not show an error message and still store other parts of the configuration. The inconsistent configuration will prevent the IEC 61850 driver to start.	
<b>#1558</b>	Switching language in one window disables language switching in other windows	When the language of the website is switched in one window, it cannot be switched to the same language in other windows. The problem appears when a second window is opened for the help system.	
<b>#1564</b>	Update without SD card and then without reboot with SD card does not work	If an update using the website's update tab is executed without an SD card and then executed with an SD card (with needed folders) and without a reboot is not possible. The error messages on the tab are: "The file has been rejected"	
<b>#1619</b>	Upload hangs in IE when external medium is not accessible	In Microsoft Internet Explorer uploads will hang instead of timing out when the external medium is not accessible.	Reload the website
<b>#1873</b>	Error on home page if any string contains control characters	If a string value on any I/O interface contains a control character (e.g. line break), the home page will stop to update the I/O values and show HTTP error 500.	

Ticket	Summary	Description	Workaround
<b>#1952</b>	DHCP configuration applied prematurely	If the DHCP option is enabled or disabled for one of the Ethernet interfaces through the settings website, the new configuration may be applied before the reboot of the device, if an Ethernet cable is plugged.	
<b>#1988</b>	Update package cannot be applied	Sometimes installing an update package fails. The message "It seems like the update package could not be applied successfully." is shown. The probability of failure increases with the size of the update package. Since version 11.0.7 the size of update packages has reached a critical limit. The problem did not appear before. The update fails before anything is actually installed. So nothing bad happens to the device. You just cannot install the update.	<ul style="list-style-type: none"> <li>• Retry several times.</li> <li>• We will provide a partial update package that only updated the operating system. The size of this update package is much smaller, so it should install without problems and fix the problem. Make sure to install the complete update package right after to make sure you have a consistent version.</li> <li>• Increase the interval of the PLC program and possibly also the interval of I/O drivers. This also reduces the probability of failure.</li> </ul>
<b>#2002</b>	Issue with the index number when deleting on grid	<p>When a non-parent row is deleted, the index number of the rows underneath won't be decreased by one.</p> <p>I call parent row the very first row that could exist on the grid, and that includes 'inputs' and 'outputs' rows as well.</p>	
<b>#2005</b>	Graphic issues with deleted parent entries on grids	<p>On all grids, with the same structure of Master/Server, when a parent entry, with parent entries below it, is deleted, the addition of values on the parent entries BELOW will cause graphical issues, *IF these entries are fully expanded before the delete of the parent entry above them.</p> <p>Changing to another settings form and switching back will resolve the issue and the grid will be shown correctly. *Also expanding or contracting an entry will solve the issue, therefore the big if.</p>	
<b>#2011</b>	Network configuration form allows empty IP address and netmask	When DHCP is not being used, the network configuration form still allows the fields for IP address and IP netmask to be empty.	

Ticket	Summary	Description	Workaround
#2049	NAT's popup window allows ip field to be empty	NAT's popup windows to add entry and edit entry allow ip address input field to be empty when clicking ok.	
#2076	Messages variable reference list is empty	When configuring a send/receive message the "Add variable reference" list is empty.	The references can be added to the message manually. To access portalvar0 -> %portalvar0%.  Example: "portalvar0 value is = %portalvar0%"
#2087	Cellular Modem: Signal strength icon always shows no bars	The icon that indicates the signal strength of the cellular modem always shows 0 of 4 bars.	
#2088	Dialog buttons cut	In some dialogs the buttons at the bottom are cut, because the dialog is slightly too small.	
#2110	Diagnostics: Ping allows too many data bytes	The ping command on the diagnostics page allows up to 65535 data bytes, but only up to 65507 work. If you chose 65508 data byte or more, the message "ping: sendto: Message too long" is shown.	
#2135	Fix localization error in the IEC 61850 help page	Swap the english and german localization strings for "Server SCL file path".	
#2205	WLAN: Error message only shown very shortly when scanning fails	When scanning for WLAN networks fails for any reason, the corresponding error message is only shown very shortly.	
#2230	IEC 60870-5-104: Erroneous check for relation between T1 and T2	For IEC 60870-5-104 server and client the T2 timeout value must be smaller than the T1 timeout value. However the check is done incorrectly leading to false positives and false negatives	
#2231	PROFIBUS DP slave: Module ID 255 should not be allowed	When adding or editing a PROFIBUS DP slave module, the module ID 255 can be entered. But when the configuration should be saved an error message is shown, stating that the module ID is out of bounds.	
#2234	Help icon on settings website does not open help topic for settings website	When the help icon on the settings website it clicked, the help website is opened, but not the help topic for the settings website (like for other sites).	

Ticket	Summary	Description	Workaround
#2246	OPC UA Server: No error message when maximum number of I/Os is configured and another I/O is added	In the configuration form for the OPC UA server no error message is shown when the maximum number of I/Os is configured and another I/O is added.	
#2247	WLAN: Cannot scan after connection attempt with wrong password	After attempting to connect to a wireless network with a wrong password, scanning for networks fails.	

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*Last modified on 12 Mar 2018, 13:33:21*