

LMsgHdl Message Handling

Standard library for SIMOTION

Release notes and limitations of functionality

These notes have a higher priority than information in the documentation.
Please read these notes carefully.

1 SIMOTION

Number	Description
101	<p>Use of the library on SIMOTION D410</p> <p>The preprocessor definition LMSGHDL_D410_CPU must be set manually at the unit dStringGlob (part of the library); this is done within "Properties", "Additional settings". Afterwards, the library has to be compiled again.</p>
102	<p>Safety</p> <p>Safety messages from drives can be analyzed as of Message Handling version 1.1. Please see the manual for activating the functionality.</p>
103	<p>ShutdownTask</p> <p>User defined messages from the ShutdownTask are handled like messages from the ExecutionFaultTask.</p>
104	<p>Projects with different SIMOTION CPUs</p> <p>You can achieve message buffers with different length by including the library twice with different names. In this case, you have to change the statement with USELIB within the unit fLMsgHdlInit manually.</p>
105	<p>Retain variables</p> <p>You can set the preprocessor definition LMSGHDL_NO_RETAIN_BUFFER in order to change the memory of the log file from retain to normal ram. In this case, the buffer can be increased but it will be lost with power off.</p>
106	<p>IT-Diag page</p> <p>If an older version of SIMOTION than V4.1.4 is used the IT-Diag page has to be renamed from Messages.mbs to user.mbs after running the script.</p>
107	<p>Changed projects</p> <p>It is recommended to run the setup script after adding or deleting axes or peripheral devices to keep the information in unit fLMsgHdlInit up-to-date. After running the script the user settings for modular machines in this unit have to be checked and corrected if necessary. You can also use the ProjectGenerator.</p>
108	<p>Running Internet Explorer 8 in compatibility mode</p> <p>The compatibility mode has to be activated in IE8 for a correct display of the IT-Diag pages.</p>
109	<p>Usage of SIMOTION ProjectGenerator</p> <p>Please use the SIMOTION ProjectGenerator as of SIMOTION V4.3 to import Message Handling into a project instead of using the vbe script.</p>

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