TT200102 – FUP - Advance Alarm Message

Note	This Support Knowledge Base article KB is the result of a support request.
	It is not part of the official documentation of DEOS AG and does not claim to be complete.
	The article is intended to support the solution of a similar problem.
	If you have any questions, comments or additions, please contact DEOS AG Support.
Title	FUP-Advance Alarm Message (TT200102)
Object	FUP
Reference version	2
Date	01.2020
Author	EK
Goal	To setup advance and customized alarm messages in FUP

Content:

1. In this Technical Tip we will show you how to create customized alarm messages for your application. For basic alarm message, please refer to TT181201
2. First, we will create an alarm message that show a high temperature alarm with the current temperature and the alarm setpoint, like this
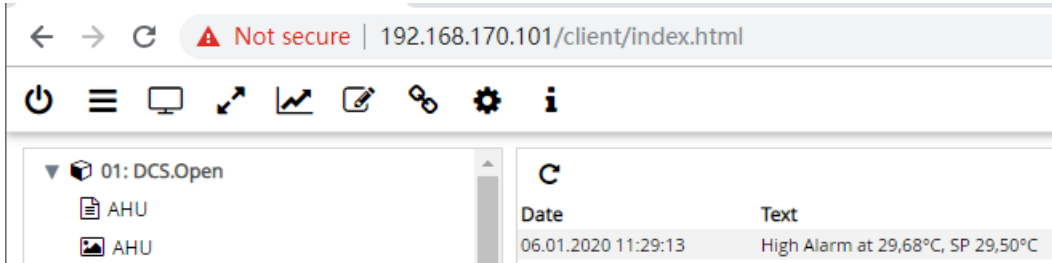
3. To do it, we add a new FUP page called "message.f". In the FUP page, we add the following logic. This compare the temperature "I02" with setpoint "I01", and send out the "Text Message" when temperature is higher than the alarm limit setpoint
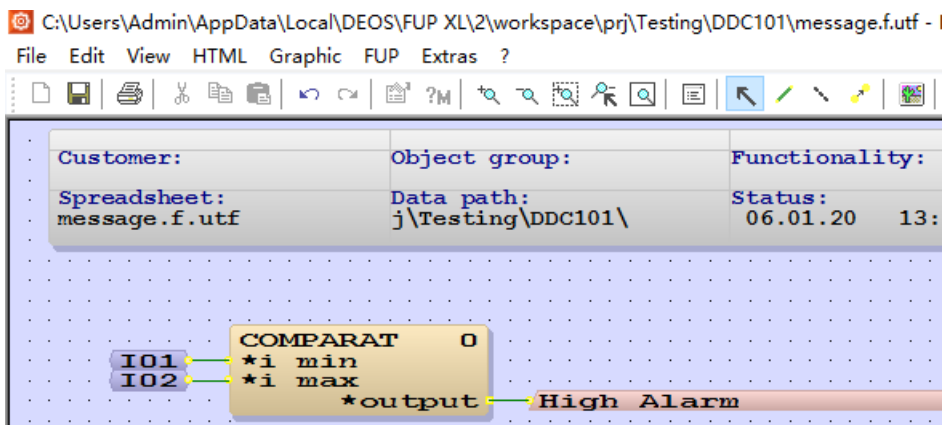
4. To show the temperature and setpoint in the alarm message, we modify the "Text Message" like below, using the "^" keyword to include the dynamic text "I01" and "I02" in the alarm
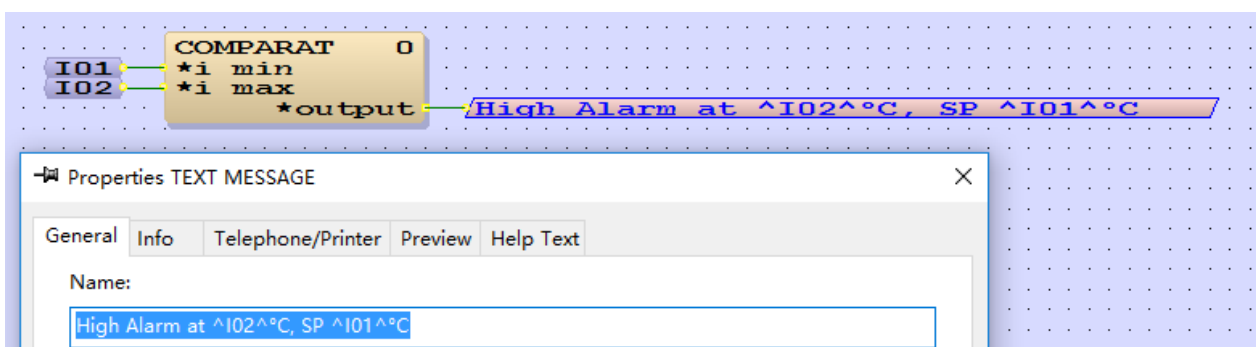
5. So, when the temperature is higher than the limit, you will see the alarm message like this
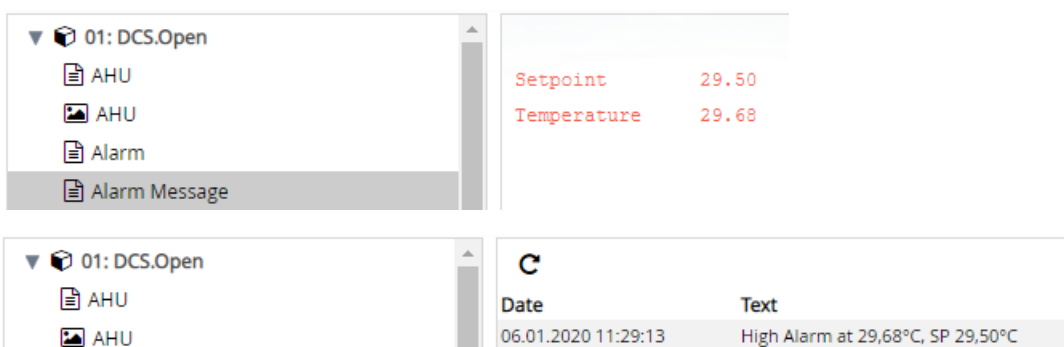
6. In the second example, we will show you how to create a customized alarm message, based on the input text by the operator. Add the logic like this
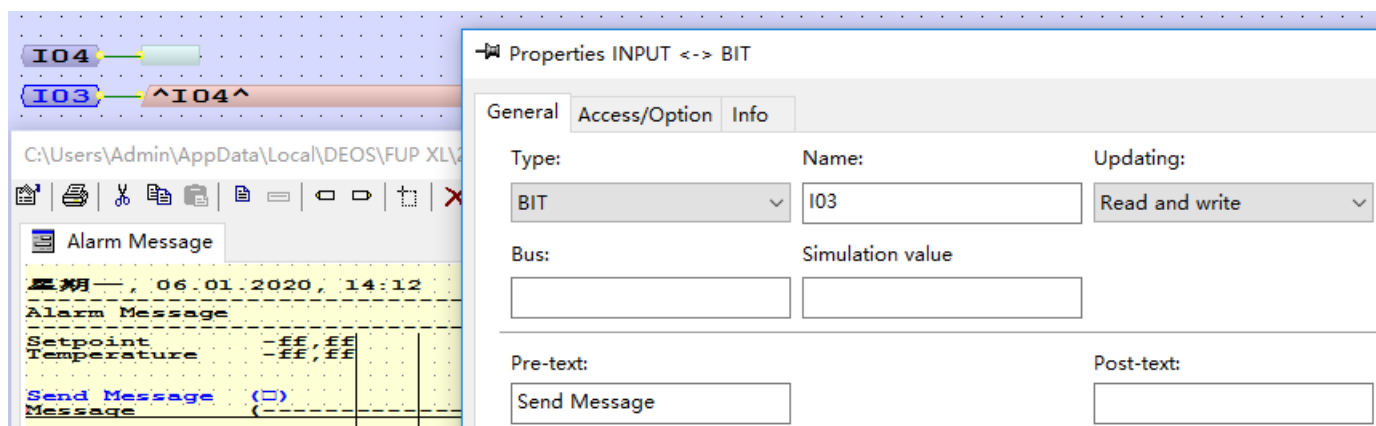

7. "I03" is a digital input to trigger the alarm. "I04" is the "Text" input, such that the operator can type in any text he/she wants to send out
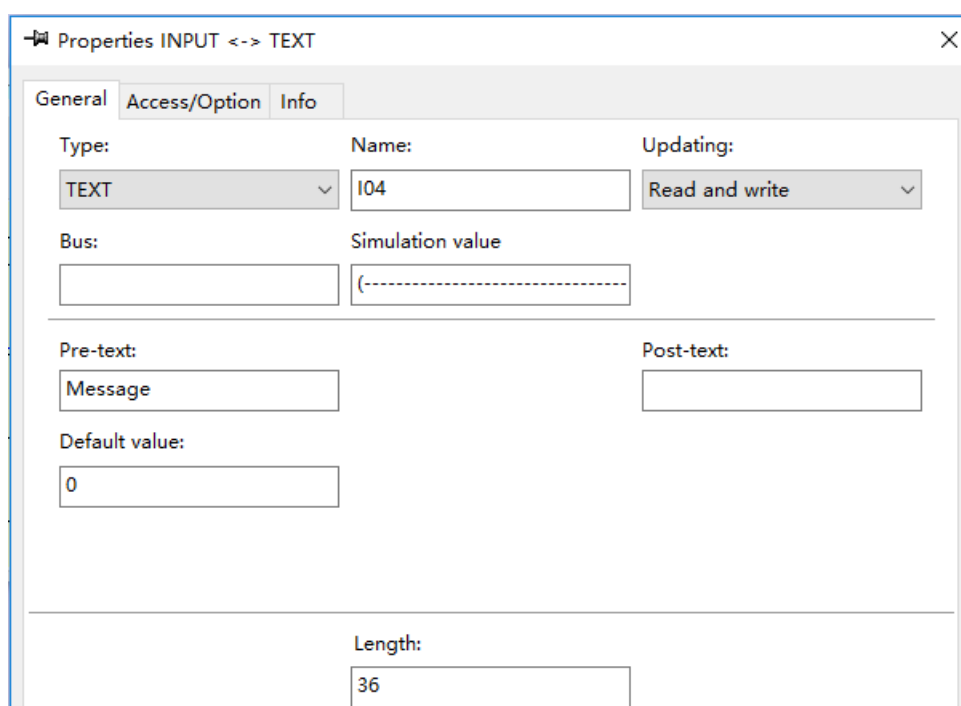
8. Now we can type in the alarm message in OPENview, and then set the "Send Message" to 1 to send out the message. This is very useful when you've alarm SMS and/or e-mail setup in your system, and you want to inform your technicians some customized messages via the system
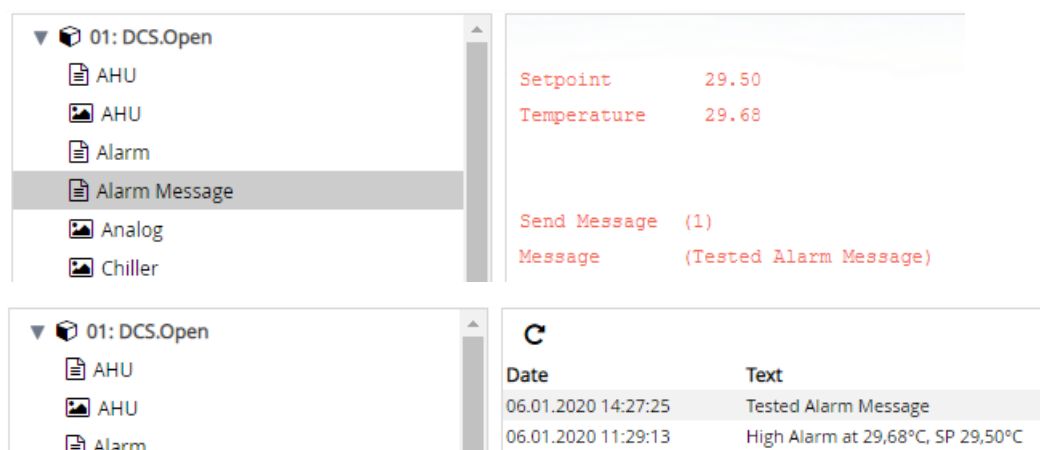
9. For your reference, in the last pages of the FUP manual, you can find all the useful keywords in FUP

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Home   Tools   FUP-XL.pdf   ×

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Bookmarks   ×

Table of Contents
1. General
2. About this manual
3. FUP XL Main Program
4. FUP-Editor
5. Macro
6. BACnet
7. System integration
8. Trend
9. HTMLConf
10. Tree Structure
11. Appendix
    Keywords in FUP XL

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11. Appendix

Keywords in FUP XL

It is possible to use keywords as shortcuts in FUP XL. The following list shows the available keywords:

Keyword	Meaning	Description
$x | $X	Extension of the FUP page	Constant with the identifier $x or $X **Example** module address $x module address $X
$s | $S	Name of the controller	Title **Example** Module in the CTRL $s Module in the CTRL $S
$f | $F	Name of the FUP page	Setting in the DialogCall01 **Example** $f:1 $F:1
$H	Source	Name of the harddisk
$N	User	Name of the logged in user at the computer
#G	Alternative graphic page	It is possible to set an alternative graphic page by this keyword. The set graphic page will be opened in the tree if graphical visualization is enabled. **Example** time program #G/stat ht.f01:1
#A	Hide in graphic mode	It is possible to hide an HTML page by this keyword. Furthermore the HTML page will be hidden if the graphical visualization is enabled. **Example** pump control #A
SUB#	Put all titles into the same directory	By this keyword it is possible to set a directory name in the FUP page header. All pages HTML pages and graphic pages having this directory name will be put automatically into this directory in the CuiTree. Thereby all pages can be moved from the *not sorted pages* to the *added pages* in one step. **Example** SUB#EX-fan