

Use Custom Display Values

L5209

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References

Publication Title	Publication Number	Binder Title	Binder Number
<i>Picture Editor Reference Manual</i>	SW09-550	Implementation/Engineering Operations-2	TDC 3032-2

Introduction

Module Overview

About this module

When a value is added to a custom display, the user must specify the value format. Value formats are different for the various value types. This module describes how to identify the correct format.

Objectives

Given the *Picture Editor Reference Manual*, identify the correct format for the following value types:

- Boolean,
 - Date/Time,
 - Enumeration,
 - Integer,
 - Real, and
 - String.
-

Sample test items

Describe the following value formats to your course manager:

I---Z99
I-LLLL9
R++++Z9.9
R999
TEXTRn:m
TEXTCn:m
TEXTLn:m
DATEAD:n:AM:m DD,YYYENDDATE
TIMEHS:MM:SS AMENDTIME
DATEMM/DD/YY WYENDDATE
TIMEHH:MM:MSSENDTIME
DATEDYENDDATE
TIMEHHHENDTIME

Lab Exercise

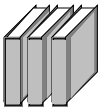
Values and Their Formats

Introduction

In this lab exercise you will look at several displays that describe Picture Editor value formats.

Instructions

1. From your Universal Station, call up MOOSE.
2. Select `GENERAL INFORMATION/PICTURE EDITOR TIPS`
3. Select each target on this menu and work through the information provided on the displays that are called up.
4. Select `VALUES AND DATA TYPES`
5. Select each target on this menu and work through the information provided on the displays that are called up.
6. After you have worked through the targets, select `VALUES AND THEIR FORMATS`
7. Look over the display VALFMT to see different formats.
8. Next call up the schematic DDBVARS and put different values in for the variables. Use [PRIOR DISPLAY] to see the results.
9. Use this knowledge to fill in the Criterion Test on the following pages.



REFERENCE—Appendix A of the *Picture Editor Reference Manual* describes the value formats:

	<u>Section</u>
Integer	A.1
Real	A.2
Boolean	A.3
String	A.4
Enumeration	A.5
Self Defining Enumeration	A.6
Unknown	A.7
Date/Time	A.8

Directions



DIRECTIONS—This is the end of the study material for this module. Discuss questions concerning the study material or the lab activities with a colleague or a course manager

If you are satisfied that you have achieved the objectives of this module, continue with the next section, the Student Proficiency Evaluation.

Student Proficiency Evaluation

Criterion Test

Instructions

Using the *Picture Editor Reference Manual* as a reference, if necessary, describe to your course manager the following value formats:

Value Format	Description
I---Z99	
I-LLLL9	
R++++Z9.9	
R999	
TEXTR1:10	
TEXTC1:11	
TEXTL1:6	
DATEAD:3:AM:4 DD,YYYYENDDATE	
TIMEHS:MM AMENDTIME	

Continued on next page

Criterion Test, Continued

Instructions (continued)

Value Format	Description
DATEMM/DD/YY WYENDDATE	
TIMEHH:MM:SENDTIME	
DATEDYENDDATE	
TIMEHHENDTIME	

Self-Evaluation

Solutions

The following table describes each of the value formats.

Value Format	Description
I---Z99	<i>Integer format:</i> <ul style="list-style-type: none">• up to 5 digits with a floating minus sign• leading zeroes suppressed
I-LLLL9	<i>Integer format:</i> <ul style="list-style-type: none">• up to 5 digits, left justified
R++++Z9.9	<i>Real format:</i> <ul style="list-style-type: none">• up to 6 significant digits and one fractional digit• a floating plus or minus sign
R999	<i>Real format:</i> <ul style="list-style-type: none">• up to 3 significant digits (no sign)
TEXTR1:10	<i>Boolean, Enumeration, and String format:</i> <ul style="list-style-type: none">• right justified• 1 is the starting character, and field is 10 characters wide
TEXTC1:11	<i>Boolean, Enumeration, and String format:</i> <ul style="list-style-type: none">• centered• 1 is the starting character, and field is 11 characters wide
TEXTL1:6	<i>Boolean, Enumeration, and String format:</i> <ul style="list-style-type: none">• left justified• 1 is the starting character, and field is 6 characters wide
DATEAD:3:AM:4 DD,YYYYENDDATE	<i>Date format:</i> <ul style="list-style-type: none">• day of week is indicated with 3 alpha characters• month is indicated with 4 alpha characters• day of month is indicated with 2-digits• year is indicated with 4-digits
TIMEHS:MM AMENDTIME	<i>Time format:</i> <ul style="list-style-type: none">• hours are indicated as 01-12• minutes are indicated as 00-59• AM or PM is indicated
DATEMM/DD/YY WYENDDATE	<i>Date format:</i> <ul style="list-style-type: none">• month is indicated as 01-12• day of month is indicated as 01-31• year is indicated with 2 digits• week of year is indicated as 01-53.

Continued on next page

Self-Evaluation, Continued

Solutions (continued)

Value Format	Description
TIMEHH:MM:SSENDTIME	<i>Time format:</i> <ul style="list-style-type: none">• hours are indicated as 00-23• minutes are indicated as 00-59• seconds are indicated as 00-59
DATEDYENDDATE	<i>Date format:</i> <ul style="list-style-type: none">• day of year indicated as 001-366
TIMEHHENDTIME	<i>Time format:</i> <ul style="list-style-type: none">• hours indicated as 00-23

Directions



DIRECTIONS—This is the end of this module.

Use your course map to

- Get your course manager to sign off this module.
- Choose your next eligible module.

If you have a question

- Ask your course manager.
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