3 Utility program MSVR

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3.1 Calling-up the dialog program MSVR

Using the dialog program MSVR, it is possible to read-out changed configuring data and also the original software from the MS memory modules, online and offline, on any IBM-compatible PC, and store these as files. A prerequisite for online operation is that the PC is connected to the configured service interface of the SIMADYN D subrack via the COM1- or COM 2 interface. For offline operation, a parallel programmer must be connected to this PC and the driver installed.

MSVR handling is now shown using an actual example.

Call-up the program with c:\simadyn\pgm>mspp

The following menu is displayed:

In this case, the menu items represent the following functions:

- [1] : Reading-out changed data or the original software from an MS module inserted in the parallel programmer
- [2] : Reading-out changed data or the original software from a maximum of 8 processor modules of a connected SIMADYN D subrack.

3.2 Calling-up pre-processing, offline

Select the function [1] :

Number: 1

After the function has been selected, the following menu is displayed:

```
Create image, P16

[1] Configured data

[2] Starting data

[3] Configured data and starting data

[4] Data

Create image, P32

[5] Configured data

[6] Starting data

[7] Configured data and starting data

[8] Data

[9] Data

Please entered the required number:
```

In this case, the menu items represent the following functions:

- [1 / 5] : Configured data, reads the original software
- [2 / 6] : Starting data reads the changed data
- [3 / 7]: First read the changed data and then additionally the original software
- [4 / 8] : Data reads first the characteristic data of the original software
- [9] : Returns to the MSVR basic menu.

For the first function call, it is necessary to specify the directory in which the read data is to be stored:

```
Do you wish to accept the following user path (y/n):
c:\simadyn\awd (y/n): Y
Do you wish to accept the following project name (y/n):
pjv400 (y/n): y
```

After this selection, the selected function is executed, and the processing status is displayed, e.g. for function [6]:

```
Version 4.2
Memory card is being tested....
Memory card is being read-out.....
MP name:
                    HANDMP
MP compiler date:
                   08.12.94
MP compiler time:
                    18:42
                    D01_P1
PN name:
PN compiler date: 08.12.94
PN compiler time: 18:44
STRUC version:
                    V 4.2
Basic software:
                  940901 V420
      :
EEPROM was successfully read-out
 VOR-OFF: ready
     >>> Please press any key <<<
```

After a key is depressed, the VOR-OFF selection menu is displayed.

3.3 Calling-up pre-processing, online

Selects the function [1] :

Number: 2

After the function has been selected, the following menu is displayed:

```
[1] Configured data
[2] Starting data
[3] Configured data and starting data
[4] Data
[5] Actual data
[6] Options (baud rate, COM port)
[7] End program
Please enter the required number:
Please enter the required processor number (1 - 8): 1
```

In this case, the menu items represent the following functions:

- [1]: Configured data reads the original software
- [2]: Starting data reads the changed data from the EEPROM
- [3]: First read the changed data and additionally the original software
- [4]: Data reads the characteristic data of the original software
- [5]: Actual data reads the changed data from the RAM
- [7]: Returns to the MSVR basic menu.

At the first function call, it is necessary to specify in which directory the read data is to be stored:

```
Do you wish to accept the following user path (y/n):
c:\simadyn\awd (y/n)
Do you wish to accept the following project name (y/n):
pjw400 (y/n)
```

After this selection, the selected function is executed, and the actual processing status is displayed, e.g. for function [2]:

```
DUST1 - communications being established with processor 1 ...
 DUST1 - connection is established !!!
 List of contents is being read-out.....
Processor No.:
                       1
Processor Type:
                       P32
      MP name:
                       HANDMP
      PN name:
                       D01_P1
  PN-COP date:
                       08.12.94
                       18:44
  PN-COP time:
       :
 EEPROM is being read-out.....
       :
 EEPROM successfully read-out
  VOR-ON: ready
      >>> Please depress any key <<<
```

After a key was depressed, the VOR-ON-selection menu is again displayed.