PSNM-SAP 2013-01-10

System Implementation Proposal
SYS 600 – Removal of obsolete functionality

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Requirements summary & motivation

- Summary

  - Remove obsolete functionality from SYS 600

- Motivation

  - To ease maintenance

  - To ease migration to new Development Environment

  - To recycle attribute names

  - Most of obsolete functionality has already been undocumented for years

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Functions proposed to be removed

- MicroTerminal support and IND base system objects
  - Not supported anymore

  Not use

- DCP/MUX support (incl. RAM_PROTOCOL)
  - Not supported anymore

  Not use

- PICL (Semigraphic picture documenter module)
  - Not applicable anymore

  Not use

- Picture cache for semigraphic pictures (incl. SYS attributes PC and PU)
  - These pictures are not used much anymore and the display handling do not need to be optimized nowadays

  Not use

- SYS attributes
  - HM (Hansi Motif)
  - MM (Memory Map)
  - EP, ED, TP, TD (Excom Communication)
  - FM, FU (Open file counts)

  Not use

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Functions proposed to be removed

- APL attributes
  - ON (Override Native)

  Not use

- MON attributes
  - EX (Executive)
  - ON (Override Native)
  - ND, TN, DC, MA, IA, CA (obsolete monitor types)

  Not use

- LIN attributes
  - MA, IA (DCP/MUX)
  - BR, SB, PY, FC, ER, EN, RE, SD (obsolete kernel protocols)

  Not use

- SCIL language features
  - #SET_SYSPAR command
  - SYSPAR function

  Not use

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Functions proposed to be removed

- SPACOM SCIL function and SYS attributes SP and SD

    - This applies to direct communication between the kernel and a SPA device (using a serial port of the SYS computer)

    Not use

- Support for external clocks PC32 and Meinberg

Not use

- Support for audio alarm cards Nudaq and Advantech

Not use

- Process object type FT (File Transfer) earlier used for uploading Disturbance Record files

Not use

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Functions proposed to be removed

- History logging policy "EVENT_LOG" and APL attributes HP and HB

    - This is the old text based storage of events, used by LIB 4.0.1 and older

    Use only one old project

- Aliasing of APL and STA base system objects

    - Aliasing is done by setting the TT (Translation Type) attribute value to "ALIAS"

    - As an example, if APL6:BTT = "ALIAS" and APL6:BTN = 5, application 5 may be referred to by using application number 5 or 6 in SCIL.

    Not use

- SCILC.EXE

    - Command line execution of SCIL

    We use scilc.exe: for run our install scripts for our tools, for run SCIL-patches on site MicroSCADA.

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