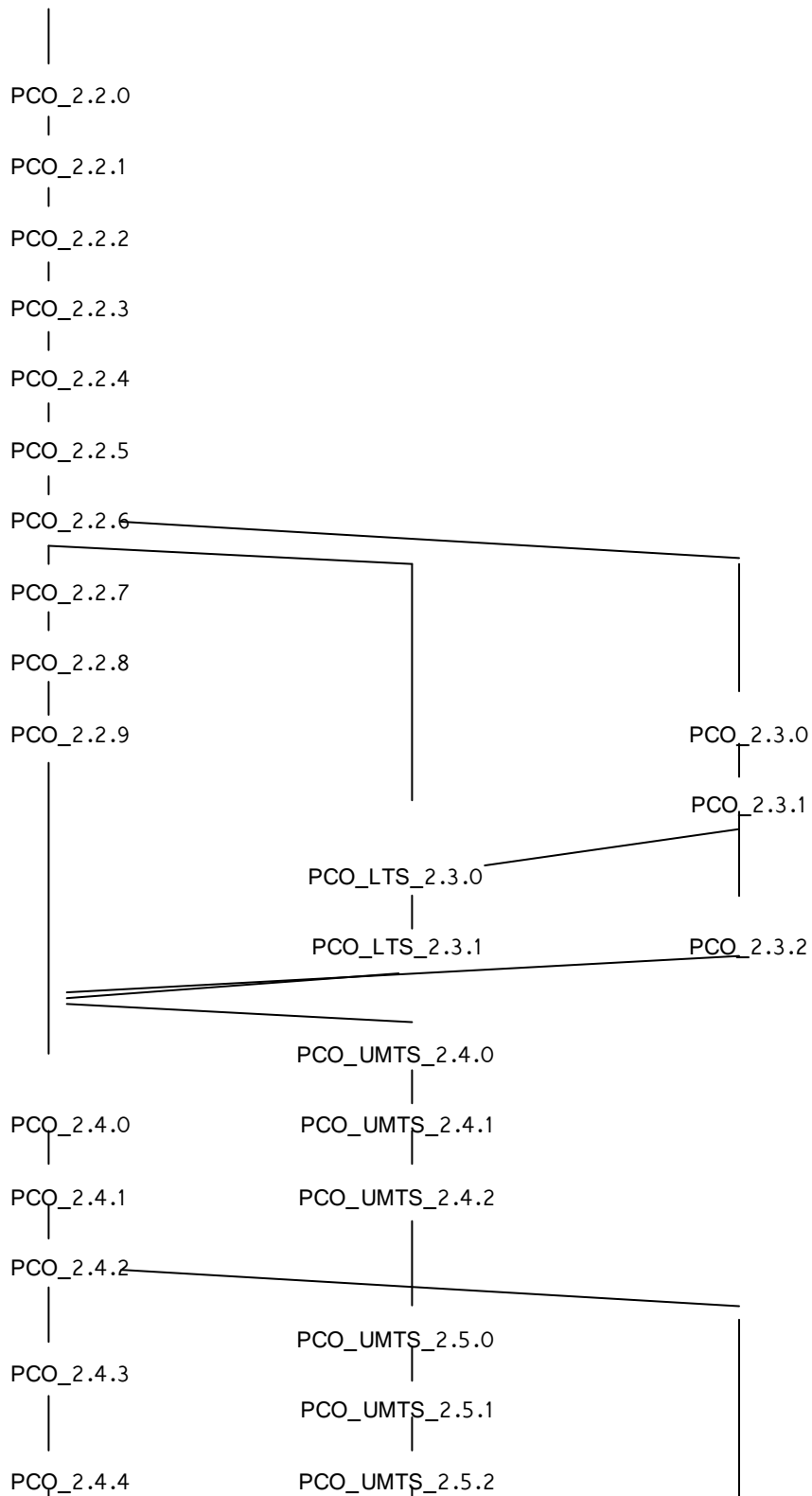


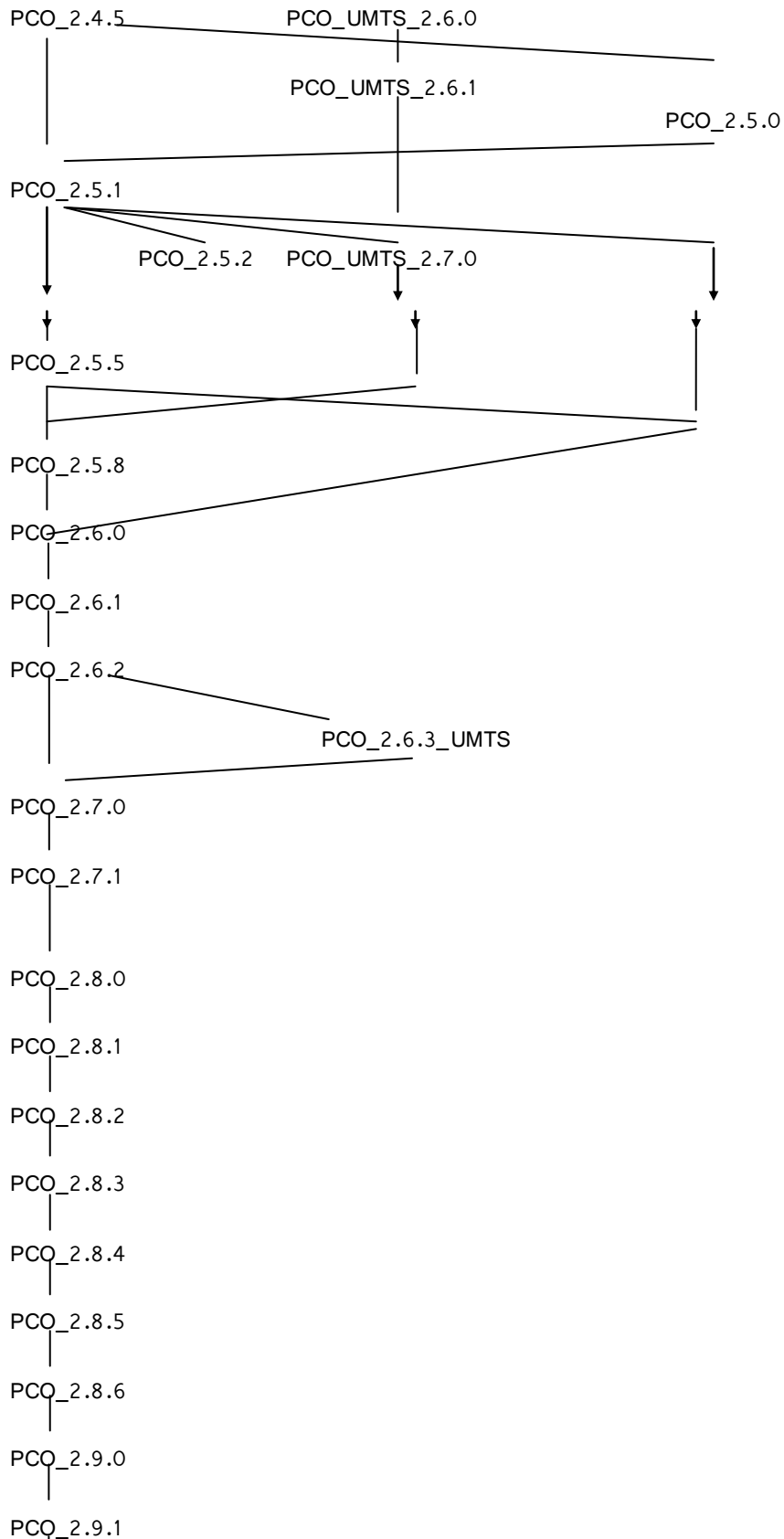
| Info | |
|------------|------------|
| Manager: | FR |
| Resources: | FR, RK |
| Start: | 02.08.2000 |
| End: | |

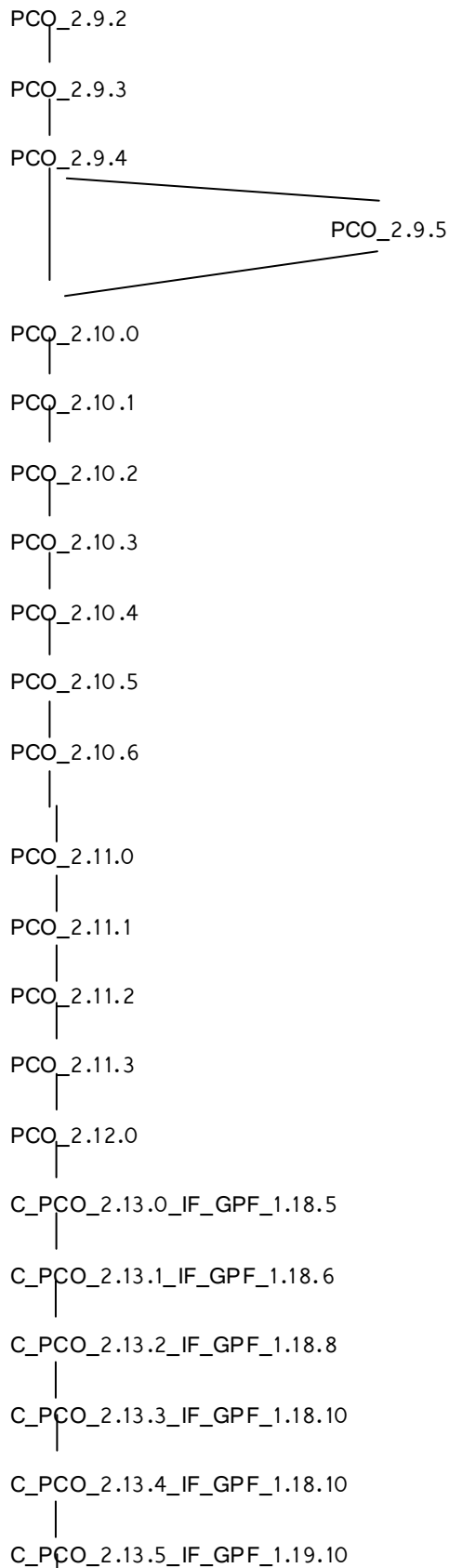
VERSION TREE2

HISTORY TEXTS 6

Version tree







C_PCO_2.13.6_IF_GPF_1.19.10

History texts

| |
|---|
| 02.08.2000 |
| – first adaption tries of pco2000 form SH to actual trace message format (which the |
| – win32 frame debugging |
| 03.08.2000 |
| – running versions of client and server with actual trace message format (which the stack |
| – win32 frame debugging |
| – clearcase integration of pco_srv (server) |
| – first version of makefile for pco |
| 07.08.2000 |
| – real T_SYST_HEADER imported |
| – testpcoserver -> pco_ctrl |
| 9.08.2000 |
| – first version of readme_pco.bat |
| 10./11.08.2000 |
| – target-test |
| 14.08.2000 |
| – resource.h files moved to src-directories (where vc++ resource management expects it) |
| 17.08.2000 |
| – pco_srv_core.cpp/.h with basic server funtions created |
| – pco_view_core.cpp/.h with basic viewer funtions created |
| – sender will be shown in standard view now |
| 21.08.2000 |
| – sender choice in standard-view added |
| 24.08.2000 |
| – systmessage-format corrected |
| – standard-view now with storable configuration |
| – standard-view interprets now \$-Traces (using codedit, statically linked for now) |
| 25.08.2000 |
| – initial version of pco.doc created |
| – dynamic view-server connection/disconnection now possible |

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| 28.08.2000 |
| - standard-view layout and functionality improved |
| - loading and interpretation of logfiles in server implemented |
| - controller layout and functionality improved |
| 30.08.2000 |
| - initial pco_ctrl_core.h/.cpp created |
| - first version of pcod – command line server |
| 31.08.2000 |
| - pcod (command line server) improved |
| - pco_ctrl_core integrated into command line controller |
| 04.09.2000 |
| - input of time span for reading from logfile now possible |
| - pco2.bat extended |
| 06.09.2000 |
| - controller requests now available testcases from server |
| - ini-file will be interpreted in server command-line version, too |
| - GUI-server will be positioned at right bottom |
| 13.09.2000 |
| - now receiving of non-trace messages is possible |
| - GUI-server can be minimized to system tray now |
| 14.09.2000 |
| - Target-Test |
| 18.09.2000 |
| - Target-Test |
| - gnumake checkin improved |
| - Sort mechanism for standard view implemented |
| 20.09.2000 |
| - Target-Test |
| - Sort mechanism for standard view improved |
| - Standardview can write old-style logs now |
| - Standardview can display each entity with different colors |
| - Access Violations at PCO-exit eliminated (mostly) |
| - Find-function in Standardview implemented |

| |
|--|
| 28.09.2000 |
| - Target-Test |
| - Preparation of first Test-Release |
| 29.09.2000 |
| - Target-Test |
| - First Test-Release |
| - several Bubble-help textes added |
| 02.10.2000 |
| - Controller: DoubleClick in filter lists is enabled now |
| - IniFile: „Primfile“ in „Controller“-section |
| - StandardView splitted |
| 05.10.2000 |
| - usage of pco.ini now really shared |
| - readme_pco.txt now without tabstops |
| 06.10.2000 |
| - server open one logfile for each view, if it requests data |
| 09.10.2000 |
| - controller: view.txt interpretation corrected |
| 12.10.2000 |
| - „testcase“ -> „testsession“ |
| - controller: update testsession now actually resets combobox-list |
| 16.10.2000 |
| - viewer: environment storing improved |
| - call of p_delete at end of every cms-procedure |
| 19.10.2000 |
| - double click sends primitives now |
| - second box for storing primitives |
| 27.10.2000 |
| - moanbtn-support added to server |
| - sorting in view improved |
| 09.11.2000 |
| - macro-buttons integrated into GUI-controller |
| 10.11.2000 |
| - standard viewer now saves the split-dimension, too |

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| - GUI-Controller does not exit on ESC anymore |
| 13.11.2000 |
| - Reloading of view.txt now really works |
| - Activation of all views by controller activation implemented |
| 27.11.2000 |
| - server now sends „PCO_KILL“ to all clients, if it got it from controller |
| 30.11.2000 |
| - controller and server now really quit, when there is already a process |
| 01.12.2000 |
| - saving of an output file added |
| 07.12.2000 |
| - server queue enlarged |
| - systray icons now really removed |
| - priority of cms_proc reduced and timeout for reading from queue risen |
| 15.12.2000 |
| - sleep integrated in cms_proc |
| - first version of userguide |
| - first PUBLIC-version in clear case |
| 18.12.2000 |
| - userguide improved |
| 08.01.2001 |
| - server path now configurable from GUI |
| 11.01.2001 |
| - server cms queue expanded |
| 12.01.2001 |
| - server path will now be created automatically if not existing |
| - OPC will be shown instead of „##no primname##“ |
| 18.01.2001 |
| - q_read is waiting now without timeout |
| 29.01.2001 |
| - Traces with „ERROR“ are now displayed with red text |
| - incredible speedup by using extra threads for GUI-updates |
| 02.02.2001 |
| - Server and viewer are running with object oriented cores now |

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|--|------------------|
| – Server and viewer are using two queues/threads now – one for ctrl-messages & one | |
| 26.02.2001 | |
| – User guide and developer description improved | |
| – PCO-viewer template class created (base of PCOview_core) | |
| 27.02.2001 | |
| – implementation of filter functionality on server started | |
| – PCO_STATUS now working between controller and server | |
| 28.02.2001 | |
| – dbg-files export implemented | |
| – font can be changed now | |
| 01.03.2001 | PCO_2.2.0 |
| – filter on server side implemented | |
| – no more s_mode('n') in release pcoviewer (strange access violation) | |
| 15.03.2001 | |
| – makefile improved (targets checkin, label ...) | |
| 16.03.2001 | PCO_2.2.1 |
| – view will now show new entities in filter-list again | |
| 05.04.2001 | |
| – options dialog added to standard viewer | |
| – server will route traces/primitives from TST to the clients anytime now independend from | |
| – maximum count of prims/traces to be shown now configurable in standard viewer | |
| 09.04.2001 | |
| – adaption to new FRAME-registration-concept for external CMS-queues | |
| 19.04.2001 | |
| – userguide improved | |
| – changing of colors now possible from context-menu/main-menu | |
| 23.04.2001 | PCO_2.2.2 |
| 3./4.05.2001 | |
| – first version of treeview with parameters/values of primitives created | |
| 15.05.2001 | PCO_2.2.3 |
| – standard viewer now described in userguide | |
| – raw primitive field added to dynamic array | |
| 21.05.2001 | |
| – size of primitive queue can be set in pco.ini now | |

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|---|------------------|
| – problem with viewer filter changing automatically sometimes solved | |
| 25.05.2001 | |
| – description improved | |
| 28.05.2001 | |
| – first official version of description ready | |
| 11.06.2001 | |
| – Problem with large PIDs under win98 solved | |
| 15.06.2001 | |
| – direkt dependencies from server to „PCOC“ removed | |
| 18.06.2001 | |
| – command line controller accelerated | |
| – controller is now object oriented as well | |
| – GUI controller now reads from a start list to start any kind of configured applications | |
| 19.06.2001 | PCO_2.2.4 |
| – activation of all test environment windows implemented | |
| 02.07.2001 | |
| – „hide“-option in start list of GUI-Controller added | |
| – PCO_SET_SESSIONPATH introduced | |
| 06.07.2001 | |
| – GUI-Controller interface improved | |
| – PCO_DISTRIB_LOGFILE introduced | |
| 13.07.2001 | PCO_2.2.5 |
| – pco2.bat will check now for %PROST% and chdir to use special config-files | |
| – first version inside new labeling concept | |
| 19.07.2001 | |
| – [-l <ini-file>] parameter added to GUI-PCO-Components | |
| – [-env] parameter added to GUI-PCO-controller | |
| 26.07.2001 | PCO_2.2.6 |
| – View.txt and pco_start.lst now exported to GPF/BIN | |
| – userguide improved | |
| – Problem with automatic exiting of viewers solved | |
| 03.08.2001 | |
| – version.h introduced | |
| – semaphore blocking problem with logfile-mode in pco-server solved | |

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|--|-------------------|--|
| 08.08.2001 | | |
| – new treelist control inserted | | |
| – ccddedit usage enhanced | | |
| 09.08.2001 | 09.08.2001 | |
| – error in treelist control | | |
| 16.08.2001 | | |
| – pco.ini file now provided as pco.ini.defaultl -> will be copied the first time | | |
| 23.08.2001 | PCO_2.2.7 | |
| – pco2.bat with params for default configs (com1/2,sim,ti_mux) | | |
| – problem with view.txt reading | | |
| 27.08.2001 | | |
| – reading of very long entries in View.txt now | | |
| – ,#` to deactivate now possible in pco_start.lst | | |
| 29.08.2001 | | |
| – now 500 entries in View.txt possible | | |
| – version info for GUI server and command line tools | | |
| 03.09.2001 | PCO_2.2.8 | |
| – last dir in viewer export dialogs now stored in svc- | | |
| – testsession names now send in portions (if | | |
| | | 05.09.2001 |
| | | – first version with ipc-message header |
| | | – pco_view_framesupp created |
| 06.09.2001 | | 06.09.2001 |
| – char* comparing problem in server client list solved | | – char* comparing problem in server client list solved |

| | | |
|---|---|------------------------------------|
| - width of columns is now stored in svc-file, too | | |
| 10.09.2001 PCO_2.2.9 | | 10.09.2001 PCO_2.3.0 |
| - shown strings stored in svc-file as well now | | - addapted to FRAME_2.4.x (OPC32) |
| | 17.09.2001 | |
| | - individual colors for each viewer-entry now possible | |
| | - window header contains now meaningful informations | |
| | | 28.09.2001 PCO_2.3.1 |
| | | - pco_install introduced |
| | | - some more default configs |
| | 01.10.01 PCO_LTS_2.3.0 | |
| | - ccd decoding enabled | |
| | - viewer synchronization implemented | |
| | 25.10.01 | |
| | - id type changed for 32Bit | |
| | 29.10.01 | |
| | - export in viewer now correct again | |
| | - virtual function call problem solved for server | |
| | - „PCOS“ now default name for server queue again | |
| | - command line controller now with return values and -n parameter | |
| | 05.11.01 PCO_LTS_2.3.1 | 05.11.2001 PCO_2.3.2 |
| | - pco_install with update + | - nowatch initialized in |
| | | - basic str2ind support |
| | | - pco_install with update |
| 12.11.2001 | 12.11.2001 | PCO_UMTS_2.4.0 |
| - first version of pco_view.lib | - adapted to new SYST_HEADER | |
| 15.11.2001 | | |
| - pco_description updated for pco_view.lib | | |

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| 29.11.2001 | 29.11.2001 |
| - first version of GUI for pco_start.lst | - PCON patch |
| - version info from stack now interpreted | |
| 03.12.2001 PCO_2.4.0 | 03.12.2001 PCO_UMTS_2.4.1 |
| - saving of all columns in viewer now | - saving of all columns in viewer now |
| - ind2str directory introduced | |
| 06.12.2001 PCO_2.4.1 | 06.12.2001 PCO_UMTS_2.4.2 |
| - replay button now works every time | - bug in interpreting primitive structures |
| - bug in interpreting primitive structures | |
| - server now always forwards &-SYST- | |
| 07.12.2001 | |
| - addapted to FRAME_2.4.6 and | |
| - entry removing in viewer possible again | |
| - sender watch list improved | |
| 13.12.2001 PCO_2.4.2 | |
| - userguide updated | |
| - mall.bat now supports option „noexport“ | |
| 14.12.2001 | 14.12.2001 |
| - bug while interpreting arrays removed | - bug while interpreting arrays removed |
| - ccddedit usage improved | - ccddedit usage improved |
| 17.12.2001 | 17.12.2001 PCO_UMTS_2.5.0 |
| - autosave now default again | - addapted to CCD_2.2.0 |
| | - first try with new region |
| 20.12.2001 | |
| - GUI-controller can now change session | |
| - question before overwriting testsession | |
| 03.01.2002 PCO_2.4.3 | |
| - bug in ind2str- interpretation fixed | |
| - pco_kill.bat added | |
| 09.01.2002 | |
| - pco_view.lib -> lib\WIN32 | |
| 10.01.2002 | 10.01.02 PCO_UMTS_2.5.1 |
| - data queuesize minimized | - data queuesize minimized |

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|--|-------------------------------------|---|
| 11.01.2002 | 11.01.02 | |
| - invalid elements can be | - invalid elements are shown | |
| - max detail levels in | - max detail level in | |
| - str2ind table now searched in subdirs, too | | |
| 14.01.2002 | 14.01.02 PCO_UMTS_2.5.2 | |
| - size of data queue can be set in pco.ini | - support of unions | |
| - array interpretation more correct | - array interpretation more correct | |
| - support of unions | | |
| - find functionality in viewer enhanced | | |
| 17.01.2002 PCO_2.4.4 | | |
| - info string added to viewer | | |
| - controller position saved | | |
| | 28.01.02 PCO_UMTS_2.6.0 | |
| | - support of new frame | |
| 01.02.2002 PCO_2.4.5 | | 01.02.2002 |
| - automatic str2ind check | | - check_pco.bat introduced |
| - file versions now up to | | - support of new frame |
| - last ASCII-output-name | | |
| - str2ind handling corrected | | |
| | 08.02.02 PCO_UMTS_2.6.1 | 08.02.02 |
| | - array interpretation fixed | - array interpretation fixed |
| | | 11.02.02 |
| | | - installer script added |
| | | - temporary dirs now created automatically |
| | | 18.02.02 PCO_2.5.0 |
| | | - str2ind path in ini-file now |
| | | - delivery script now depending on version.h, too |
| | 21.02.02 | 21.02.02 |
| | - handling of empty traces | - handling of empty traces |
| | | - mobile ID editable in |

| | | |
|--|--|--|
| | | - „make checkin“ improved, „make lsco“ added |
| | | 04.03.02 |
| | | - server id now U8 as in |
| 08.03.2002 | | |
| - merge of main versions | | |
| 25.03.2002 | PCO_2.5.1 | 25.03.2002 |
| - str2ind infos in Userguide | | - merge from PCO main version |
| - startup timing problem solved | | |
| 04.04.2002 | | |
| - str2ind error handling improved | | |
| - server can set time in primitives now | | |
| 05.04.2002 | | 05.04.2002 |
| - pcoc and pco_ctrl can be started together now | | - first window for graphical stack configurator |
| - logfile-viewer in server -> traces are stored | | |
| 08.04.2002 | 08.04.2002 | |
| - bug in union interpretation fixed | - bug in union interpretation fixed | |
| - compressing of zeros in hex dump | - compressing of zeros in hex dump | |
| | 12.04.02 PCO_UMTS_2.7.0 | |
| | - release | |
| 15.04.2002 | | |
| - server more stable with incorrect log-files | | |
| - ctrl_gui-> | | |
| - mkver.bat introduced | | |
| 16.04.2002 | | |
| - chver.bat added | | |
| - tst-settings dialog in GUI- controller added | | |
| 18.04.2002 | | |
| - binary buffer support | | |
| - call to mscview from | | |

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|--|------------------|--|
| 02.05.2002 | | |
| - server settings dialog | | |
| - time stamping by server implemented | | |
| - auto time format in viewer | | |
| 06.05.2002 | PCO_2.5.5 | |
| - opc filter added | | |
| - filter documentation added | | |
| 16.05.2002 | | |
| - del-key works in sender-filter | | |
| - back merge from UMTS branch -> hybrid | | |
| 17.05.2002 | | |
| - expand/shrink of SYSTEM-prim list in | | |
| 24.05.2002 | | |
| - request logfile from viewer integrated | | |
| 03.06.2002 | | |
| - PCO-Viewer: check_communication added | | |
| - Controller: first version with tracedass | | |
| 05.06.2002 | | |
| - bin/obj-dirs removed from clearcase -> new auto-creation concept in makefile | | |
| - Controller: first version with tracedass | | |
| 06.06.2002 | PCO_2.5.8 | |
| - traceclass editor improved | | |
| 07.06.2002 | | |
| - byte counter in server | | |
| 27.06.2002 | PCO_2.6.0 | |
| - linked with FRAME_2.6.0, CCD_2.4.0 and CCDDATA_1.4.0 | | |
| 28.06.2002 | | |
| - inplace copy in viewer added | | |
| 04.07.2002 | | |
| - internal semaphore problem solved in viewer | | |
| - OPCFilter: now also non decodable opc-s added | | |
| - Traceclass editor now inline | | |
| - viewer speed improved (esp. while searching) | | |

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|--|--------------------------------------|
| 05.07.2002 | |
| – clearmake integrated into mall.bat | |
| 08.07.2002 | PCO_2.6.1 PCO_2.6.0 |
| – release | |
| 11.07.2002 | |
| – controller: easy start of viewer | |
| – server: supports now disabling of forwarding of all traces or primitives | |
| 15.07.2002 | |
| – server: dbg-file creation while logging | |
| 24.07.2002 | |
| – synchronization problem in viewer solved | |
| 25.07.2002 | |
| – bscmake included | |
| – viewer: count of selected entries will be shown in status bar | |
| – viewer: original receiver integrated | |
| 29.07.2002 | |
| – viewer: mark all introduced | |
| – viewer: Shift-F3, F2, Shift-F2 introduced | |
| 01.08.2002 | |
| – viewer: some more searching/selecting improvements | |
| 08.08.2002 | |
| – viewer: bug while deleting entries fixed | |
| – server: now indirectly depends on frame.dll -> auto start of tst.exe | |
| – viewer: “-open”-parameter added | |
| – server: bug while requesting a logfile fixed | |
| 09.08.2002 | |
| – server: support of relative filenames when requesting logfile | |
| – controller: first try with SAP-Grid | |
| – controller: first try with TCGen support | |
| 12.08.2002 | PCO_2.6.2 |
| – controller: TCGen-Dialog added | |
| – controller: SAP-Grid functioning now | |
| 16.08.2002 | |
| – pco_intro.ppt updated | |

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|---|------------------------------------|
| - pco_miniview ccd free again | |
| 23.08.2002 | 23.08.2002 PCO_2.6.3_UMTS |
| - union handling fixed | - union handling fixed |
| - array handling fixed | - array handling fixed |
| - zero collection in hexdump fixed | - zero collection in hexdump fixed |
| 29.08.2002 | |
| - adapted to new pcon.dll (dynload) | |
| - pointer to array handling fixed | |
| - tooltip with full message in viewer | |
| - byte sex option in viewer integrated | |
| 04.09.2002 | |
| - array handling now compatible with CCDDATA_1.4.0/ccedit | |
| 05.09.2002 | |
| - comments can be added to entries in viewer | |
| 11.09.2002 | |
| - viewer context menu improved | |
| - gpfcfg directory introduced | |
| - filter applying when loading init logfile fixed | |
| 12.09.2002 | |
| - explicit loading of str2ind-table now possible | |
| 16.09.2002 | |
| - controller height changeable | |
| - communication settings now centrally changeable in controller | |
| - logfile-format changed -> <newline> after each entry | |
| 19.09.2002 | PCO_2.7.0 |
| - viewer: autoclose-problem solved | |
| 26.09.2002 | |
| - direct toolbar buttons for store/load config+entries | |
| 30.09.2002 | PCO_2.7.1 |
| - documentation updated | |
| - pcoc supports sending of a whole bunch of SYSTEM primitives | |
| - View.txt refreshed and pco_stack.xml updated | |

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| 31.10.2002 | |
| - shut-down-problem for WinXP solved | |
| - Viewer: cleaning of entry list now with shortcut Ctrl+N | |
| - all current 8 traceclasses supported in matrix | |
| 04.11.2002 | |
| - adapted to frame/misc-naming without | |
| 19.11.2002 | 19.11.2002 |
| | - old/new TST header can be selected in controller |
| 22.11.2002 | |
| - tmp-file for mscview not deleted anymore | |
| - first version of hexdump import | - |
| - bug while reading pco_stack.xml fixed (e.g. GMM-duplication leaded to MM | - |
| 25.11.2002 | |
| - hexdump import dialog completed | |
| 28.11.2002 | |
| - bubble-tips can be switched off | |
| - str2ind-dir directly editable | |
| - tracemultiplexer is now only started if not already running | |
| - news announcement if updated | |
| 29.11.2002 | |
| - time stamp created by server in ms | |
| 02.12.2002 | |
| - only logfiles with version ID supported anymore (PCO_2.5.5 and above) | |
| 11.12.2002 | |
| - usage of fixed sh.exe | |
| 12.12.2002 | |
| - Viewer: .sve & .pco loadable by double click in explorer | |
| 16.12.2002 | |
| - TST ignored allowed in pco_stack.xml | |
| - controller: minimum height ensured now | |

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|--|------------------|
| - server: trace-string-size checked while | |
| 06.01.2003 | |
| - ccddata_dll.dll without symbols detected | |
| - viewer: problems with unit-arrays solved | |
| - viewer: arrays with one element not as | |
| 10.01.2003 | |
| - str2ind description added to pco_intro.ppt | |
| 14.01.2003 | |
| - no more hanging while controller exit | |
| 17.01.2003 | |
| - adapted to new TraceMultiplexer | |
| - controller size adapted to 800x600 | |
| - controller: SYSTEM-primitives can now be copied from the pool | |
| - visibility of windows ensured | |
| - SYSTEM-primitives specified in matrix can now be copied to clipboard | |
| 20.01.2003 | |
| - no more usage of ipc.dll | |
| - the base for displaying basic types in the detail-treeview may be specified in | |
| - The Matrix supports now the timer-traceclass and 4 user traceclasses | |
| 27.01.2003 | PCO_2.8.0 |
| - release inside GPF-13 | |
| 06.02.2003 | |
| - application shutdown more “soft” now | |
| - controller will switch tst to “sim” before each communication change to avoid COM-port | |
| 13.02.2003 | |
| - length of original receivers checked now | |
| 17.02.2003 | PCO_2.8.1 |
| - testtools release 30 | |
| 20.02.2003 | PCO_2.8.2 |
| - server will automatically disconnect from crashed viewers | |
| - width of controller changeable | |
| - build with bugfixed FRAME_2.9.1 | |
| 24.02.2003 | |
| - server will not request for initial session path anymore – but controller instead | |

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| 03.03.2003 | |
| – pointer interpretation fixed | |
| 22.04.2003 | |
| – traceclass changings in the matrix will now be sent immediately | |
| – viewer: export to dbg-file no every time with full ms | |
| 28.04.2003 | |
| – maximal entries count now stored in viewer svc-file | |
| – ugly graphics bug in controller fixed | |
| 30.04.2003 | |
| – maximal entry overflow in viewer improved (no more memory waste) | |
| 02.05.2003 | PCO_2.8.3 |
| – no more windows handle waste | |
| 12.05.2003 | |
| – OPC shown in “IN:/OUT:” traces | |
| – no more crash on crappy ini-file | |
| 28.05.2003 | |
| – server: dbg-files for ‘~’-entities -> __xx.dbg | |
| 02.06.2003 | |
| – PCO_INIFILE_CHANGED introduced | |
| 03.06.2003 | |
| – STR2IND-errors will not be written into logfile | |
| – adapted to VC6 environment | |
| 04.06.2003 | |
| – clean in a viewer will result in cleaning all others as well (if in sync-mode) | |
| – special characters in dbg-name will be replaced by ‘_’ | |
| – The about box contains a link to the readme file | |
| – changes in SAP-Matrix will be sent immediately now | |
| 05.06.2003 | PCO_2.8.4 |
| – some fixes concerning loading of svc-files | |
| – problem while changing test environment fixed | |
| 16.06.2003 | |
| – time sync improved | |
| 17.06.2003 | |
| – traces including \n or \r will be split up into multiple lines | |

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| 23.06.2003 | |
| – pco now even more stable concerning corrupted ini-files | |
| – empty sender string will be replaced by “??” | |
| – viewer can stop on individual specified strings in traces now | |
| – column headers in matrix selectable | |
| 26.06.2003 | PCO_2.8.5 |
| – problems with to long sender/receiver names fixed | |
| – click in left upper corner of matrix will clear all selections | |
| 07.07.2003 | |
| – FAQ included | |
| 08.07.2003 | |
| – direct access to trace/prim/airmessage filter settings in viewer | |
| 10.07.2003 | |
| – error traces will be enabled in the default matrix | |
| – viewer speed increased | |
| 14.07.2003 | PCO_2.8.6 |
| – special handling of L1 traces -> rudimentary interpretation | |
| – TCGen dialog updated | |
| 21.07.2003 | |
| – dropdown list for predefined communication types in controller | |
| – adapted to new ccddata concept | |
| – ccddata-path changeable from viewer-options dialog | |
| 22.07.2003 | |
| – support of some more layer1 trace type, but still no generic approach | |
| – support of session renaming after stop logging | |
| – Explicit unloading of str2ind table now possible | |
| 28.07.2003 | |
| – tst output can be shown/hidden from controller dialog | |
| – “matrix reloaded” | |
| – Reorganization of Matrix now supported via context menu | |
| – Automatic configuration of entity observation | |
| – Primitive pool in controller (view.txt) now fully editable | |
| 31.07.2003 | |
| – PCO-FIX-10644 solved | |

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| 07.08.2003 |
| - loading of big .sve files improved |
| - The Matrix content can be saved/loaded now |
| 11.08.2003 |
| - fix concerning very long testsession names |
| 12.08.2003 |
| - issue PCO-ENH-9338 solved |
| - issue PCO-ENH-11591 solved |
| - undecodable SDU's will be expanded as well -> issue PCO-ENH-11500 solved |
| - Controller cannot be moved outside the primary screen anymore -> issue PCO-ENH- |
| - position handling improved -> issue PCO-ENH-11606 part B) |
| 14.08.2003 |
| - NoScreenBoundary switch for controller introduced in ini-file |
| - Selection change in detail tree of Standard Viewer results in selection change in entry |
| 15.08.2003 |
| - command line interpretation improved for GUI-Controller/-Server |
| - Selected entries in viewer can now be decoded by L1 decoder via the Tools-menu |
| 18.08.2003 |
| - documentation: merge of new official format |
| - Viewer: under view/options the columns used during copy/paste can be selected |
| - server overwrites zero time stamps with current PC-time |
| 21.08.2003 |
| - copy/paste format for GUI-controller syst-primitives changed to pcoc supported format |
| - creation of dbg-files can be disabled in GUI-Server settings |
| - Usage of PCO for GSM_333 is described in pco_intro.ppt |
| 01.09.2003 |
| - GUI controller now runs also as viewer -> trace reaction possible now |
| - Standard Viewer supports Config-Sets (ccddata/str2ind) |
| 04.09.2003 |
| - Autosend functionality after Target-Reset added to controller |
| - User-Traceclass handling in controller improved |
| 08.09.2003 |
| - interpretation of received data more save (__try/__except win32) |
| - first version of pco_dump.exe (command line viewer) created |

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| 09.09.2003 | |
| – pco_dump improved (e.g. logfile loading implemented) | |
| – copying of grid/macro content in controller improved | |
| 11.09.2003 | |
| – auto clean in parallel viewers more save | |
| 17.09.2003 | |
| – send_sycmd() added to PCOView_frameSupp viewer class | |
| 22.09.2003 | PCO_2.9.0 |
| – memory waste in viewer reduced -> PCO-ENH-12248 solved | |
| – Userguide updated | |
| – pco2.bat improved | |
| 02.10.2003 | |
| – controller will fit into gentle after initial and clean start | |
| – detail-tree creation slightly improved | |
| 06.10.2003 | |
| – .pco-logfiles can be partially loaded now | |
| 10.10.2003 | |
| – &-commands in traces are only accepted from “SYST” anymore | |
| – Re-Request of last logfile via viewer now possible | |
| 13.10.2003 | |
| – Communication can be easily resetted by new button in lower right corner | |
| – Update information can be redisplayed via new controller-button in the bottom middle | |
| – “Decoding failed” in pure airmessage mode contains more info now | |
| 16.10.2003 | |
| – str2ind-table will be unloaded, if errors occur during interpretation | |
| – heuristic interpretation of parameters in un-decompressable traces | |
| 17.10.2003 | |
| – checkboxes introduced in macro-button list | |
| – View.txt updated | |
| – Display of hints supported now | |
| 20.10.2003 | PCO_2.9.1 |
| – “add viewer” in controller will add chosen .svc-file in double quotes to avoid problems | |
| – issue PCO-FIX-12735 fixed | |
| – ConfigSet management in Viewer improved | |

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| - Currently loaded CCDDATA-lib can be traced via 'view'-menu of Standard viewer | |
| - FAQ updated | |
| - new hints added | |
| 22.10.2003 | |
| - clean in viewer will clean detail tree as well | |
| 23.10.2003 | PCO_2.9.2 |
| - linked with pdi-fixed ccddata_load | |
| - some internal fixes | |
| 27.10.2003 | |
| - maximum and default size of data in queues changed to 65535 (constant and in | |
| - hints-functionality improved | |
| 30.10.2003 | |
| - if in autoscroll mode, the last item of a logfile will be selected after | |
| - \g23m\ssa_release\util\trace\TraceMultiplexer.exe as multiplexer-source added to | |
| - Bitstring support added to standard viewer | |
| - stack size for viewers increased to 5MB | |
| - some misspelling-issues solved | |
| 04.11.2003 | |
| - find-dialog of standard viewer will keep focus | |
| - usage of ccd_decodeMsgPtr() instead of ccd_decodeMsg() | |
| - TC_BINARY traceclass added to matrix | |
| - controller will setup communication before starting applications | |
| - traces matching a string from the Stop-String-List will be selected continuously | |
| 10.11.2003 | |
| - ASCII-output can optionally contain details of duplicated primitives | |
| 13.11.2003 | |
| - Copying of a whole detail tree to clipboard possible -> ISSUE 12728 | |
| - Binary buffer support improved | |
| - usage of desc.c_implicit | |
| - ISSUE 13855 ... solved since PCO_2.9.0 | |
| - ISSUE 13856 ... solved since PCO_2.9.1/PCO_2.9.2 | |
| - controller: "Configure .." -> "Edit ..." in "test environment"-section -> ISSUE 13856 | |
| 19.11.2003 | |
| - Controller: reorganize dialog improved | |
| - matrix menu improved | |

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| - Viewer: Stop-String dialog improved | |
| - Viewer: “Re-apply filter*F5” introduced in view-menu | |
| - Controller: command pool can be saved/loaded | |
| - Viewer: hexdump-input dialog supports msg_type input | |
| 20.11.2003 | PCO_2.9.3 |
| - new hints added | |
| 24.11.2003 | |
| - Viewer: Copy/Paste in Find dialog reenabled | |
| - file-mode of tst supported by controller | |
| 28.11.2003 | |
| - Viewer: Config-Behaviour improved -> ISSUE: PCO-FIX-15854 | |
| - Viewer: PCON state will be shown in status line | |
| - file-mode of tst more transparent for user | |
| - general matrix introduced | |
| 08.12.2003 | |
| - general matrix improved | |
| - matrix tooltips added | |
| - Heap creation more secured | |
| - autosend default for “send-config” -> ISSUE: PCO-FIX-15585 | |
| 15.12.2003 | PCO_2.9.4 |
| - Viewer: dbg-file import possible now | |
| 18.12.2003 | |
| - crash with not-loaded ccddata-DLL fixed | |
| 22.12.2003 | |
| - reset settings possible in viewer now | |
| - searching in detail tree possible now | |
| - ccddata-DLL included in pco-logfile | |
| 05.01.2004 | |
| - autologging implemented in controller | |
| - Controller: files will be displayed in dir-browse-dialog | |
| 06.01.2004 | |
| - Drag&Drop is now possible with .dbg/.pco/.sve/...-files on Viewer and Controller | |
| - Memory allocation more secure now | |
| - data request dialog in viewer improved | |

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| 07.01.2004 | | |
| - PCO_GET_LOGFILE_INFO introduced | | |
| - Import of *_dbg-files implemented | | |
| - Replay-Slider introduced in controller | | |
| 08.01.2004 | | |
| - server ignores livedata in logfile mode | | |
| - PCO_LOGFILE_COMPLETE sent from logviewer to server | | |
| 09.01.2004 | | |
| - Disable L1 Traces included in default view.txt | | |
| 12.01.2004 | | |
| - default view.txt enhanced | | |
| - controller: "Reset"-Button -> "Disconnect"/"Connect"/"Reload" | | |
| - viewer: export to ASCII-file depends on count of selected entries | | |
| - viewer: mark of selected item improved | | |
| - viewer: headers of listview can be resorted | | |
| - pcoc supports new parameter "info" | | |
| 13.01.2004 | PCO_2.9.5 | 13.01.2004 |
| - internal problem with logviewer exit solved | | - internal problem with logviewer exit solved |
| 14.01.2004 | | |
| - viewer: copy/paste in str2ind-edit field enabled | | |
| 15.01.2004 | | |
| - parameters of tcgen dialog will be stored in registry | | |
| - entity-filter is checked on sender and receiver for primitives | | |
| - logfiles with count-field==0 will be recalculated upon count request | | |
| 26.01.2004 | | |
| - autosend of stack config disabled per default | | |
| 27.01.2004 | | |
| - special heap-handling removed in standard viewer | | |
| - controller: support for NODRV option of TST | | |
| 28.01.2004 | | |
| - server: handling of PCO_SEND_PRIM improved | | |
| - viewer: first version parameter observation | | |
| 29.01.2004 | | |
| - Syst_prim dependencies removed from pco_srv_core | | |

02.02.2004

- p_delete(p_pid()) calls removed

03.02.2004

- controller: support of drag/drop for xml-files
- issue PCO-ENH-13671 solved

05.02.2004

- viewer: insert of hexdump like "001F(134*00)34" possible now
- recognition of too new logfiles
- long operations like sorting can be canceled

10.02.2004

- viewer: max entry count can be set up to 100000000
- entry index from logfile will be used during replay
- viewer: mark all works now also with search options -from cursor- and -up/down-
- PCO_COPY_LOGFILE implemented
- Viewer: if logfile is loaded, selected entries can be copied to new one

12.02.2004

- controller: (parts of) logfiles can be saved into new ones
- ini-file opening improved
- p_delete(p_pid()) calls inserted again
- all pure virtual functions removed

16.02.2004

- viewer: handling of long str2ind-searches improved / cancellation possible
- problem while logfile interpretation fixed

17.02.2004

- viewer: options dialog improved
- viewer: default configuration for double-click file opening can be specified
- viewer: logfile entry count barrier on which PCO will ask if only parts are wanted can
- delivery of internal version improved

18.02.2004

- resource.h files renamed unique
- viewer: detail-expand level for ASCII export can be specified
- tap/tapcaller will be included in internal setup package
- viewer: find dialog contains new buttons for inserting values from the entry currently
- on logfile loading evtl. a new xxx_ccddata.dll file will be created

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| 23.02.2004 | |
| – pco_intro.ppt updated | |
| 25.02.2004 | |
| – pco_filtering.ppt introduced | |
| 26.02.2004 | |
| – start list dialog improved | |
| – controller: start list can be saved/loaded | |
| 27.02.2004 | |
| – viewer: reset settings will reset font, too | |
| – viewer: after .sve-file import file name will be displayed in title and viewer will | |
| 01.03.2004 | |
| – viewer: first version of param observer ready | |
| 03.03.2004 | |
| – viewer: bug during cleaning fixed | |
| – viewer: param observer will only accept traces matching as a whole | |
| – viewer: param observer will same time-style as entry-list | |
| – viewer: param observer supports sorting | |
| – hints updated and enhanced | |
| – viewer: F5 works independent of current focus | |
| 04.03.2004 | |
| – controller: ini-file and rules-file of tcgen can be opened via tcgen-dialog | |
| 05.03.2004 | PCO_2.10.0 |
| – internal bug concerning zero-length traces fixed | |
| – release for GPF_16b | |
| 13.04.2004 | PCO_2.10.1 |
| – CCD-free versions removed | |
| – bug during interpretation of crappy traces with % chars fixed | |
| – view.txt enhanced concerning issue RR-SPR-18942 \\gpf\cfg\View.txt.default@ @\main\rk_pco_dev\XGIRIDHA_view_msrac_iot\2 | |
| 14.04.2004 | |
| – internal startup timers increased | |
| – edit behavior of sender-filter slightly improved | |
| 15.04.2004 | PCO_2.10.2 |
| – F-Sample and Dolomites_DC EVM default communication-setup added to controller | |
| – F-Sample and UMTS default config-sets added to viewer | |

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| 16.04.2004 |
| - slim setup package introduced |
| - server status is sent to viewers upon change |
| 22.04.2004 |
| - cancel-btn in param-observer-settings |
| 23.04.2004 |
| - param-observer remembers widths as long as the mask is not changed |
| - param-observer supports individual colors per mask |
| - export/import of param-observation masks possible now |
| - chapter about parameter observation added to userguide |
| 26.04.2004 |
| - default communication-config for “highspeed” tracing added |
| - viewer: general setting for logfile-ccddata-usage introduced |
| 28.04.2004 |
| - UPM added to default matrix |
| - all needed libs linked to pco_view.lib |
| - SLIM setup package reduced to size 2,6MB |
| 29.04.2004 |
| - Documentation accessible via Viewer menu independent from start dir |
| - File Formats section introduced in userguide |
| 04.05.2004 |
| - uninterpreted hexdump support added to detail tree -> ISSUE: PCO-ENH-17446 |
| - font setting will be applied to all sub windows of standard viewer |
| 05.05.2004 |
| - .sve-files do not contain binary data anymore |
| - .pco-file storing now fully supported also by standard viewer |
| 12.05.2004 |
| - hexdump import fixed |
| - raw data as received from PS can be shown in detail tree |
| - simple mall -test implemented |
| 13.05.2004 |
| - max prim count changing during .sve-file load prevented |
| - reaction to “TST: Error configuring driver” implemented |

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| 14.05.2004 | PCO_2.10.3 |
| <ul style="list-style-type: none"> - CCD/PCON decoding can be switched on/off individually in detail tree of viewer - TCGen can now be started directly from Standard Viewer, too | |
| 19.05.2004 | PCO_2.10.4 |
| <ul style="list-style-type: none"> - internal problem while cleaning solved - server: session/logfile path is only stored in ini-file if requested by controller - corrupt data handling improved - pco_intro slides improved | |
| 24.05.2004 | PCO_2.10.5 |
| <ul style="list-style-type: none"> - internal problem with viewer-entry-buffer overflow solved - export via menu will effect all entries, export via context menu only the selected ones - full path can be specified as session-name in controller - special system command will be sent for L1 | |
| 26.05.2004 | |
| <ul style="list-style-type: none"> - timeout for forwarding data to viewers reduced in server - server will send info trace to viewer if data was dropped | |
| 27.05.2004 | |
| <ul style="list-style-type: none"> - client handling in server more secure | |
| 28.05.2004 | |
| <ul style="list-style-type: none"> - ISSUE PCO-FIX-19361 solved | |
| 04.06.2004 | |
| <ul style="list-style-type: none"> - internal error during hexdump-string creation fixed | |
| 07.06.2004 | |
| <ul style="list-style-type: none"> - controller: reload ccddata-info can now load entity list for matrix from ccddata-DLL - controller: session path button will work right from beginning now | |
| 09.06.2004 | PCO_2.10.6 |
| <ul style="list-style-type: none"> - unnecessary refreshs of detail tree removed - pco_tracing4tcgen.ppt updated - viewer: hexdump insertion supports numbers as entity-catalogue | |
| 14.06.2004 | |
| <ul style="list-style-type: none"> - hexdump interpretation now fully supports dumps without blanks | |
| 15.06.2004 | |
| <ul style="list-style-type: none"> - case of entity names is now irrelevant | |

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| 18.06.2004 | |
| – signed decimal values supported by standard viewer | |
| – param observer groups now divided by thicker lines | |
| 21.06.2004 | |
| – tool tips updated/added to all dialogs | |
| – hexdump-interpretation in .sve-files re-enabled | |
| 24.06.2004 | |
| – test scripts added | |
| – “-open” option of standard viewer more intelligent now | |
| 28.06.2004 | |
| – trace classes “SDU” and “PROFILER” added to controller matrix | |
| – param observer dialog improved | |
| – support of special Trace-OPCs | |
| 30.06.2004 | |
| – str2ind version is now stored in .pco-logfile header | |
| 05.07.2004 | PCO_2.11.0 |
| – support of trace class info | |
| – support of ethereal tool (standard viewer and pco_dump) | |
| 12.07.2004 | |
| – use USB-Tracemultiplexer as default Tracemultiplexer | |
| 13.07.2004 | |
| – save pco-logfile from viewer will create new syst_prims as needed | |
| 29.07.2004 | |
| – on_data() receives now index and time type | |
| – prim-name, sender and receiver now statically allocated in viewer to avoid too much | |
| – viewer ready for “not transmitted” elements (Pointer trace filter) | |
| 02.08.2004 | PCO_2.11.1 |
| – viewer: speed of sorting increased | |
| – minor bug in data-req-dialog of viewer solved | |
| – viewer: removing entries can be stopped | |
| – PCO webpage access via help-menu | |
| – clients semaphore recreation in case of server crash | |
| – web-check for newer version | |
| – server fix during stop logging | |

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| 04.08.2004 | |
| - viewer: delay-bug when loading logfile fixed | |
| - filter will be applied also during load of sve-files | |
| 05.08.2004 | PCO_2.11.2 |
| - controller: first version with filter tree | |
| - export-try to sve-format will show up yes/no message box concerning .pco-format | |
| 09.08.2004 | |
| - PCO-FIX-23296 solved | |
| 10.08.2004 | PCO_2.11.3 |
| - controller: filter tree GUI functional (but disabled in this version) | |
| - demoviewer sources fixed (for deriving individual viewers) | |
| - userguide updated (concerning deriving individual viewers) | |
| - userguide delivered as pdf | |
| 11.08.2004 | |
| - viewer: hexdump of array elements can optionally be shown as string | |
| - controller: filter tree enhanced by unions | |
| 12.08.2004 | |
| - ccd-decode error handling improved | |
| 13.08.2004 | |
| - controller: Filemode-configuration improved | |
| - viewer: time type set explicitly during sve-load | |
| 16.08.2004 | |
| - viewer: filter dialog supports apply/restore -> ISSUE: PCO-ENH-13853 | |
| - first version of screensaver | |
| 17.08.2004 | |
| - reapply-Filter will reload last logfile if applicable | |
| - general Xml_handler class introduced | |
| - viewer: filter storing implemented | |
| - controller: greying out of unavailable primitive duplications can be disabled | |
| 18.08.2004 | |
| - viewer: storing of all settings to xml file implemented -> issue: PCO-ENH-20788 | |
| - -impcfg parameter introduced | |
| - userguide update | |

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| 19.08.2004 | |
| - viewer: deleting of entries fixed | |
| - controller: PCON filter string generation out of filter-tree | |
| 20.08.2004 | |
| - pco_react start | |
| - adaptation to new pcon filter functions | |
| - IP-Packet output improved | |
| 23.08.2004 | |
| - viewer: open/reload logfile supports now dbg and sve, too | |
| - first working version of pco_react | |
| - doc2pdf in makefile | |
| 25.08.2004 | |
| - controller: rename last session dialog improved | |
| - controller: new xml-config-file concept | |
| 27.08.2004 | |
| - replay.svc as default | |
| 31.08.2004 | |
| - viewer: no more decode check for array elements | |
| - viewer: disable manual str2ind-loading in release version | |
| - controller: communication-dialog supports P2 via USB-TraceMuxer | |
| 01.09.2004 | |
| - viewer: no more path-change if loading/storing configuration | |
| - controller: storing of prim-elem-filter implemented | |
| - .pco-logfiles contain now compressed ccddata-DLL and compressed str2ind-table -> | |
| 02.09.2004 | PCO_2.12.0 |
| - viewer: submenu for opening recent logfiles introduced | |
| - viewer: trace class filter introduced | |
| - viewer: opc filter improved -> issue: PCO-ENH-13837 | |
| - viewer: air message filter introduced | |
| 13.10.2004 | |
| - start working with TheKeep | |
| - swa00002848: PCO-Viewer should show again the last recent configurations in menu | |
| - swa00002823: PCO should pass only traces to the cond_decoder | |
| - swa00002767: Default tracemultiplexer ini-file should contain more COM-ports | |

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| - swa00002776: Parameter observation "between the lines" | |
| 13.10.2004 | |
| - viewer: element name is shown for expanded decoded message name | |
| - viewer: aim-entity id is shown both as numeric value and as name | |
| - viewer: l_buf/o_buf for non-decodable sdu's taken from pdi-info if available | |
| - viewer: copy to clipboard now matches detail tree | |
| - viewer: air message id detection improved | |
| - swa00002877: The shown value of an expanded primitive containing an sdu is wrong or | |
| - swa00002872: when using "copy selected entries" on big primitives only the first part of the primitive gets copied | |
| 25.10.2004 | |
| - swa00002797: PCO should store traces str2ind-compressed in .pco-logfiles | |
| 26.10.2004 | |
| - swa00002779: PCO filter trees should take SAP names from ccddata and show only | |
| 27.10.2004 | |
| - swa000024728: PCO should handle AIMs with MsgID-Length smaller than 8bit correctly | |
| 28.10.2004 | |
| - swa000024772: PCO sometimes disables "Show primitives" in viewer | |
| 01.11.2004 | |
| - swa00002873: the find dialog should have history on Element-Name, Element-Value | |
| 02.11.2004 | |
| - swa00002873: the find dialog should have history on Element-Name, Element-Value | |
| - swa000024863: PCO should extract ccddata-DLL/str2ind-table to temp-dir if .pco-logfile | |
| - swa00004012: the dialog File>open log file>... should remember the directory when several files are opened successively | |
| - swa000024887: Version of PCO2 without copying is perhaps needed. | |
| 03.11.2004 | |
| - swa00003108: End of support for OLD-HEADER should be visible in TST and PCO | |
| - swa000024906: PCO should store window positions independent of evtl. extra taskbars | |
| 09.11.2004 | C_PCO_2.13.0_IF_GPF_1.18.5 |
| - swa000024897: A trace filter on dedicated primitive elements based on PCON is needed | |
| 24.11.2004 | C_PCO_2.13.1_IF_GPF_1.18.6 |
| - swa000025485: PCO controller should handle access to ccddata_eg_sapnames() | |
| 22.11.2004 | |
| - swa000025356: pco_view to detect bad ini-file | |

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| 06.12.2004 | |
| – swa00025407: The start/close/restart of CMS/FRAME depending applications should be | |
| 13.12.2004 | |
| – swa00025156: The tcl84.dll used by xPanel interferes with evtl. installed cygwin tcl-dlls | |
| – swa00025339: All GPF components should support mall.bat-parameters "-test" and "-" | |
| – swa00025695: PCO should check all bytes of a structure for zero's in the shadow | |
| – swa00025808: preparation of all mall.bat and makefile for automatic testsystem | |
| 25.01.2005 | C_PCO_2.13.2_IF_GPF_1.18.8 |
| – swa00025138: Merge of gpf\bin\ directory needed for pco_init.bat and runtc.bat | |
| 16.02.2005 | C_PCO_2.13.3_IF_GPF_1.18.10 |
| – swa00025149: Traceclass setting in PCO ctrl. | |
| – swa00002813: The PCO communication dialog should be improved concerning | |
| – support for guiless chimera added | |
| 22.02.2005 | C_PCO_2.13.4_IF_GPF_1.18.10 |
| – swa00027827: PCO : Changing L1 Trace Mask with the last missing character get | |
| 04.04.2005 | C_PCO_2.13.5_IF_GPF_1.19.10 |
| – swa00028553: PCO: only limited input length in the FIND dialog | |
| – swa00027416: PCO should be able to run w/o changing the registry, e.g., on USB - | |
| 05.04.2005 | C_PCO_2.13.6_IF_GPF_1.19.10 |
| – swa00032800: Autosend functionality in PCO-Controller does not work anymore | |