Release Notes for OPUS Projektor Distribution - 2021.4.3

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TOPCON

General

Using this software for combinations other than those set out in this document
or delivered by online update may cause problems and damages for which we
cannot accept any liability. The use of the software for any purpose other than
those approved by us is at a sole responsibility of your company and should
therefore be adequately trialled in advance by means of suitable tests and
other checks.

Opus Projektor 2021.4.3

This OPUS Projektor Release contains the following software:

Projektor	2021.4.3
PClient	2021.4.3
OS EGSCORE	1.3.0
OS EGSPRO	2.3.4
OS A3	2.2.6
OS A6	2.2.6

Projektor 2021.4.3

infos

- B3/B4 pre series support

- All binaries (.exe) of the OPUS Projektor are signed now. (Digital certificate, valid until: 16.09.2024). Some customers had some trouble with security applications caused by unsigned binaries.

features

- The issue reporting was improved to help our customers in a more efficient way.

bugfixes

- Fixed the project rename feature if the GIT version control system is used.

- Fixed issues regarding deleting folders on the filesystem. This was reported by serveral customers. (Customer report: PRJEXT-566, PRJEXT-550, PRJEXT-2722, PRJEXT-2589, PRJEXT-2587)

- Improved stability of the application.

PClient 2021.4.3

infos

- B3/B4 pre series support

bugfixes

- Fixed uninitialized '@Terminal' predefined variable for operating system EGSCORE.

OS EGSCORE 1.3.0

infos

- See the corresponding os release notes.

OS EGSPRO 2.3.4

infos

- See the corresponding os release notes.

OS A3 2.2.6

infos

- See the corresponding os release notes.

OS A6 2.2.6

infos

- See the corresponding os release notes.

Opus Projektor 2021.4.2

This OPUS Projektor Release contains the following software:

PClient   2021.4.2

PClient 2021.4.2

bugfixes

- Set and update boolean properties only if they really change. Some people use PLC methods and set the same value every few milliseconds.

- Only start updating/re-initializing navigation 200ms after it was triggered by a property change. That should allow all properties to be set before we actually perform the update.

- Navigation is blocked/operator input is ignored while waiting for this initialization.

- Use hard coded method again to traverse object tree while initializing/updating navigation. Script based approach had too much overhead.

- Fix memory leak caused by navigation scripts.

- '@UserEncoder1Clicks' respects rotation direction again.

- Add synchronization for some string based properties. Has only a limited effect on Opus A3 and A6G1 - let the property show on screen before modifying it again!

- Avoid crash if virtual keyboard is selected for a DDO but no VKB is defined in the project. DDO falls back to encoder input in this case.

Opus Projektor 2021.4.1

This OPUS Projektor Release contains the following software:

Projektor   2021.4.1
PClient   2021.4.1
OS EGSCORE   1.2.2
OS EGSPRO   2.3.4
OS A3   2.2.6
OS A6   2.2.6

Projektor 2021.4.1

bugfixes

- PClient Simulation: Fix that a restart of PClient simulation does not work correctly when JavaScript debugger window is open.

- Version Control System: Fixed an exception if a project is opened with a not fully initialized git repo.

- Version Control System: Fixed that the repository is locked caused by a previously interrupted commit. JGitInternalException - source: org.eclipse.jgit.api.AddCommand:225::call() (Customer report: PRJEXT-2576, PRJEXT-2615)

- Version Control System: Commits in large projects are now much faster. (Customer report: PRJEXT-2576, PRJEXT-2615)

- Version Control System: The graphical user interface is only released when the commit process is finished. (Customer report: PRJEXT-2576, PRJEXT-2615)

PClient 2021.4.1

bugfixes

- Key focus is on PClient again after sleep mode. Didn't work on 'egspro' systems anymore.

- Navigation is only re-initialized if visibility was changed on an object of current page. Before it was re-initialzed whenver a visibilty value changed.

- Re-initialization of navigation now leaves focussed object unchanged. Before this was problematic esp. if a list was object 'open for input'.

- Encoder events trigger actions again even if there's no input object on the page.

OS EGSCORE 1.2.2

infos

- See the corresponding os release notes.

OS EGSPRO 2.3.4

infos

- See the corresponding os release notes.

OS A3 2.2.6

infos

- See the corresponding os release notes.

OS A6 2.2.6

infos

- See the corresponding os release notes.

Opus Projektor 2021.4.0

This OPUS Projektor Release contains the following software:

Projektor   2021.4.0
PClient   2021.4.0
OS EGSCORE   1.2.2
OS EGSPRO   2.3.4
OS A3   2.2.6
OS A6   2.2.6

Projektor 2021.4.0

infos

- New built-in Java Runtime 11.0.10.

- The 'String Inplace Editor' is not supported anymore. If it is used a warning will be shown. Please change to a Virtual Keyboard.

features

- New sample project 'Tradeshow Dashboard' added. This project sample shows a sophisticated highly dynamic animated dashboard.

- New object themes 'stunning_dark' and 'stunning_bright' added.

- Undo/Redo 2.0. See manual for more details.

- Generic Project Search. See manual for more details.

- Integreated a Version Control System for Projects.

- Support for OPUS B4.

- JavaScript: Added new function getTriggerEvent().

- JavaScript: Added new function runSystemCommand().

- JavaScript: Added new function openPDFReader().

- Variable View: Now the owner of Variables which are mapped in a CAN-Mapping can be changed.

- Variable View: Column names and width will now be saved during close and restored during start of the application.

- Added possiblility to close several project at once.

- Improved CAN-Mappings dialog. Infos/Warnings/Errors will be shown directly.

- Variable-Import: Now is possible to import ECU Variable Index/SubIndex via CSV import.

- Softkeys: Softkeys can now be deleted. During load only saved Softkeys will be shown.

- Open File dialog: Now the dialog opens much faster. Added option to avoid slow folder navigation. See manual (extended file browser) for more details

- Changed Topcon device names X18/40 to XD/XD+

- Save button will now only be enabled, if current project has changes.

- Configure Events dialog: OnPress/OnLongPress: A warning is now shown that for these events now page jump shall be performed.

- List-Object: Added new property 'Touch Input' to enable/disable OK/Cancle button for List objects.

- New "Tip of the day" section in the 'Start Page'.

- Save button is now disabled if no modifications and no uncommited changes are detected.

- The FlexView conversion process only creates softkeys for the levels if these also existing in the original project.

- 'Gauge' object now allows to set a background image in combination with activated property 'Draw Boundary Bar'.

- New font 'Xolonium' added.

bugfixes

- Fixed many memory leaks. Reduced unnecessary memory usage. Memory will be freed properly after project is closed.

- Rename JavaScript files does now work properly, if script was modfied before.

- FlexView: Fixed possible crash in FlexView dialog if Previous button is pressed.

- Fixed several possible uncritical exceptions during close of a project.

- Fixed possible preview painting issue in Table object.(Customer report: PRJEXT-133)

- DBC-Export:[CANFreestyle] 29bit can ids the 'extended bit' is set properly.

- DBC-Export:Now the attribute GenMsgSendType is set properly, if a can message is sent periodically.

- Simulation: Imported fonts will now be used properly.

- Now properties will be shown properly, for multiselections.(Customer report: PRJEXT-484)

- Recent Projects: Possible duplicated entries will be avoided.

- Fixed possible exception in Object Themes Panel.(Customer report: PRJEXT-415)

- Fixed possible exception on scene if objects are selected/moved with CTRL pressed.(Customer report: PRJEXT-488)

- Fixed possible exception in ImageFile chooser dialog. (Customer report: PRJEXT-578)

- Image Library: Reduced memory allocation for SVG images.

- Fixed exception during load if a 32bit variable is set as 'Visibility Variable'. (Customer report: PRJEXT-1512)

- Fixed exception if an image from the image library is drag'n'drop to a Picture Graphic object with Language/Unit dependency.

- Fixed draw issues in ListItems dialog of an InputList object. Fixed possible exception if multiple images are selected in the dialog.

- Fixed exception if the Toolbar will be customized.(Customer report: PRJEXT-1646)

- Variable Simulation: Option 'Only allow value changes by Simulation' will now be concidered properly.

- Now the extended id bit will be set also for CAN-IDs less or equal 0x7ff, if 'CAN ID Type' is set to '29Bit'.

- Added the method 'setTouchInput' to the Projektor JS auto-completion.

- Fixed that the 'Save as' functionality do not modify the original project. (Customer report: PRJEXT-1916)

- Fixed unsharp SVG graphics on the Projektor scene.

- Changed the default value of the property 'Inplace Editor' of String Fields from 'Encoder' to 'VKB'.

- Error handling implemented if no default browser is defined in the operating system.(Customer report: PRJEXT-1968)

- Now the 'Owner' of a mapped variable can be changed in Variable-View.

- Fixed possible 'java.lang.IllegalArgumentException'.(Customer report: PRJEXT-1967)

- Fixed possible 'java.lang.NullPointerException'.(Customer report: PRJEXT-2085)

- Fixed possible 'java.lang.ConcurrentModificationException'.(Customer report: PRJEXT-2069)

- FlexView: Loading Screen image will be scaled properly now, during FlexView conversion.

PClient 2021.4.0

features

- Improved JavaScript error messages on the console.

- Improved PDF Reader.Added a loading lable.

- Touchscreen can be enabled/disabled during runtime. Added JavaScript function setTouchInput(true/false).

- Java Script: Allow JS function writeToFile() to also write to /opt/data. Also raise max. used space in /opt/user_files and /opt/data from 10MiB to 100MiB.

- Power Management: Add support for new states in @PWR_CurrentPowerMode (2: low power with timer enabled to change to sleep mode, 3: silent-on)

- Power Management: Add new variable @PWR_TimeFromSilentOnToLowPower to be able to adjust the silent on to low power timer.

- CANopen: Allow SDO Read Responses without size information.

- Video: Fixed possible video issues, if same video settings will be set repeatedly via JavaScript.

- Events/Navigation: Internal redesign - should not have external effects.

bugfixes

- Expedited write request does work with Strings.

- 'Force Writing' does work for CANopen write requests now.

- PDF Reader: Home-Key closes now the PDF Reader.

- Fixed/imporoved setting correct backlight intensity during automatic mode.

- Fixed possible wrong state of Digital Input values when returning from Low-Power, or Sleep mode.

- Fixed possible painting issues for Arched bargraphs, with a hight value range when value is low.(Customer report: PRJEXT-484)

- Fixed possible crash in JS method sendCANMessage() if paramter DLC is set > 8.

- Escaping from button's 'release' and 'long release' event now works on multi-touch devices.

- 'moveDDO' command now moves all instances of the DDO on current page.

- Numeric virtual keyboard now handles offsets and scaling.

- Avoid screen flickering after leaving a page showing ETH camera stream.

OS EGSCORE 1.2.2

infos

- See the corresponding os release notes.

OS EGSPRO 2.3.4

infos

- See the corresponding os release notes.

OS A3 2.2.6

infos

- See the corresponding os release notes.

OS A6 2.2.6

infos

- See the corresponding os release notes.

TOPCON

Projektor Tool Update

Projektor Tool from version 3.x.x can be installed in multiple versions on the same workstation.

**PLEASE ENSURE THAT NO SPECIAL CHARACTERS ARE
USED IN THE PROJEKTOR TOOL INSTALLATION PATH**

To convert the projects created with ealier version of the Projektor Tool please open each project with the new release of the tool, wait until the project is loaded completely and save it. The project will be converted in background and saved in the new version. A backup of the original project will be created. Projects from version 3.7 or older cannot be opened directly. Please open with Projektor 1.12.1 first.

Operating System (OS) and PClient update

Please look at the included OPUS devices update file for detailed updating instructions for all devices.