

SuperReport Pro

Version 4.1

Release notes

May 9, 2019

Published by e-Node worldwide

<http://www.e-node.net/srp>

SuperReport Pro forum: <http://forums.e-node.net/viewforum.php?f=11>

System requirements

SuperReport Pro version 4 is compatible with 4D v15, v16 and above, for both macOS and Windows in 32-bit and 64-bit modes.

Version 4.1 – New features

- Added TYPE attribute into section tag of XML export
 - NAME and ID are settable by end user, TYPE is the real type (header, body, breakfooter, ...), to simplify export
 - `<Section type="Header" name="Header" id="section_00">`
 - `<Section type="Body" name="Body" id="section_07">`
- Added Table object property SRP Table ExtendNoDuplicates
 - scope Table, value "codu", type Boolean, default 0 (False), read/write/persistent, xml name "extendNoDuplicates"
 - when set to 1 (True), all repeating values in all columns are suppressed
 - default is to print all values even when they are identical after first changed column (like in break processing)
 - see the [technical note](#)
- New feature for Windows 10: when printing to PDF (SRP Print DestinationPDF) and "Win10 PDF" is specified (SRP Print Win10PDFPreview) and "Microsoft Print to PDF" printer exists, it is used for PDF creation (using margins from report)
- Added support for alpha channel in PNG in PoDoFo (internal PDF generator) – Windows only
- Added support for RTL text layout (text in editor or during printing, not in editor as such)

Version 4.1 – Changes

- Palette positions are automatically saved and restored
- Increased allowed maximum section height from 4096 to 16384
- Improved behavior for object grouping: previously the objects were put into the group in order of selection, now they are put in printing order

- Added missing menu handler for Default alignments (both horizontal and vertical)
- **Modified behavior** for printing break headers having SRP Section Break Always set to 1 (print on each page) when it is printed due to new page, not to a break:
 - old behavior: section is processed as usual (same as when a break occurred) and is printed
 - new behavior: section is not processed as usual (no script is executed -> e.g. no way to suppress section printing), cached preprocessed section from previous page is used with values used on previous page, only objects in the break header having SRP Object Draw = 2 (on overflow) or 3 (always) are printed, the only dynamic data is variable referring internal report variable (like SRPage)
 - this should be very similar to PagePro behavior
- Added UI for SRP Section Break Always in SRP_Dialogs & SRP_Palette
- **Modified behavior:** printing in area now uses SRP Area PreviewFlags
 - if, for example, you suppress progress dialog for File->Preview, it will be used for File->Print, too
- Modified Table object to use relate many/relate one when fetching data for first-level columns
 - table object was designed to require use of a script to fetch the needed related data
 - now it is modified to do auto relate one/many when fetching fields of the first-level columns (usually SRP Column ExecutionLevel = 0) to support AreaList Pro printing (*AL_SuperReport* with AreaList Pro displaying fields from related main table)
- **Known issue – 4D bug ACI0099364**
Running 64-bit on Mac: 4D does not provide the page setup/job setup - it seems that the calls are simply not implemented (PA_GetCarbonPageFormat and PA_GetCarbonPrintSettings return NULL in Cocoa)
- When a removed group is the only object in the section, the empty space below it is removed, too

Version 4.1 – Fixes

- New \$0 result value 2 honored from Editor event callback function (set with SRP Area CallbackMethEdit):
 - 2 = cancel object creation (only meaningful if CallbackType is 1)
- Fixed a bug in Add Section dialog (not properly getting break level from existing sections)
- Fixed palette interface not honoring "virtual" structure names defined by the developer
- Improved variable substitution parser: calling a function with more parameters should work
 - previously the first semicolon was used to determine where the variable name ends and optional format begins - it is ok for a variable, but definitely not for a command like '`<%=MyCallbackFunction(1;2;3);"|MyFormat"%>`'
- Fixed script execution for nested **Case of** statements
 - **Else** of the outer **Case of** was always executed when a : (case) ended with [nested] **End case**
- Fixed unnecessary redraw requests when an area is covered by another window
- Fixed a serious bug when using SRP Print 4DPageSetup on Mac - now the page orientation and scaling should be honored

- Fixed a small bug in setter for variable names
 - e.g. *SR_SetTextProperty* (0;0;SRP_Area_VarDate;"RWDate") returns internally 1 meaning "name was set" (zero for "var name not set") and thus you see a TRACE (on error 1)
- Added missing case for SRP_Area_VarRepeat in setter (always returning -6 = invalid request)
- Added fix for bad Text object loading (reading LF + TAB + TAB + TAB after the actual text and before next child node)
 - when an object contains HTMLStartTag or HTMLEndTag child nodes, Text is searched for LF (linefeed) and anything from that position is deleted
 - new XML uses attributes for HTMLStartTag and HTMLEndTag, not child nodes

Version 4.0

- Compatibility with 64-bit mode and 4D v16+ on macOS and Windows
- New palette interface (graphic and/or text) – see the documentation for details

Printing AreaList Pro areas

AreaList Pro allows printing or saving as HTML through SuperReport Pro. It only takes two lines of code to print an AreaList Pro area. Additional options are available, such as automatic column width and use of SuperReport Pro style properties instead of the existing AreaList Pro area settings.

Upgrading from previous versions

Any v4 license key will activate any v4.x version.

Upgrades from versions 3.x and previous versions (single user or server) are available at www.e-node.net/srp.

License extensions from AreaList Pro to SuperReport Pro are also available.

Contact

Upgrade requests, sales and license information: orders@e-node.net

Technical issues, discussions and requests <http://forums.e-node.net/viewforum.php?f=11>

SuperReport Pro web page: www.e-node.net/srp