

# AreaList Pro

Version 10.0

Release notes

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[www.e-node.net/alp](http://www.e-node.net/alp)

## System requirements

AreaList Pro version 10 is compatible with 4D v16 and above, for both MacOS and Windows, in both 32-bit and 64-bit modes.

This version also supports v8 API and v9 API: your existing code should not require any changes.

## Direct data display from a MySQL database

Set a MySQL server as data source and display its data in AreaList Pro v10, with hundreds of formatting options available.

## Global settings and templates

- Global area settings:
  - Area = 0 : apply to all areas to be created (defining an area “template”)
  - Area = -2 : apply to all existing areas, but not to areas to be created
  - Area = -3 : apply to all existing areas in current process only
- Global column settings:
  - Column = 0 : apply to all columns to be created (defining a column “template”) in either a specific area, or in area 0, -2 or -3 as above
  - Column = -2 : apply to all existing columns in either a specific area, or in area -2 or -3 as above for existing areas
- Global row settings:
  - Row = -2 : apply to all rows in either a specific area, or in area -2 or -3 as above for existing areas

## New commands

- Move a column (*AL\_MoveColumn*)
- Duplicate a column (*AL\_DuplicateColumn*)

## Grouping columns and headers

- Group columns together
- Dragging a group of columns
- Column group header (above the column individual headers or replacing them) – row and cell properties can be used with Row = -3
- Hierarchy row merged into one cell that goes across several columns

## Area display features

- Zooming an entire area (smaller or larger display, factor 0.1 to 5)
- Display Transposed (rotate rows ↔ columns) – This allows “palette” style interface, with different data types among “rows” (note: “palette” style was already possible in v9 using “grid” mode)
- Multi-level break processing (ala PrintList Pro) including in hierarchical lists
- Many new “appearance” settings: system, automatic, custom pictures or 10 different OSX/Windows standard themes
- Show/hide vertical scrollbar

## Column features

- Minimum column width for any column(s)
- New properties to enable/disable each column's sorting, dragging or resizing
- “Use ellipsis” settable for headers, specific columns, individual rows, footers, and even individual cells
- Popup entry type is now a column property: 0 = default (depends on data type), 1 = date, 2 = time
- Limiting entry string length (length limit is now a column property)
- Define a formula instead of a callback for a calculated column

## Other cool features

- CSV format in Copy / Drag from an area
- Named selections as sources

- Entry placeholder support
- ALP\_Cell\_Format and ALP\_Cell\_Flags (formatting at cell level)
- ALP\_Row\_Flags (formatting at row level: font, color, alignment, spacing, etc.)
- Show a longint value as picture in Field or Array Display (e.g. “star rating” display)
- Access row and cell properties for header and footer (Header: row = 0, Footer: row = -1)

### Miscellaneous

- Hide row dividers in empty areas (ALP\_Area\_ShowRowDividers is now 3-state)
- Custom picture above vertical scrollbar (old AL\_SetHeaderOptions) including callback on mouse down or up
- Override row/cell bottom row divider color (set a specific color for the bottom divider of a given row or cell)
- ALP\_Column\_EntryAllowReturn: allow/disallow return in specific columns regardless of the area settings (ALP\_Area\_EntryAllowReturn)
- Single line headers in “grid” mode (i.e. several lines per row, ALP\_Area\_AltHdrRowsInGrid>1)
- Single line footers in “grid” mode (i.e. several lines per row, ALP\_Area\_FtrRowsInGrid>1)
- Drag and move a column (physically reorder the column) even when not running in compatibility mode
- New API replacement of AL\_SetInterface: appearance + sort indicator properties
- ALP\_Object\_RowSelection optimized (using LONGINT ARRAY FROM SELECTION)

### Upgrading from previous versions

Upgrades from versions 9.x (single user or server) are available at 60 €.

Upgrades from versions 8.x (single user or server) are available at 80 €.

License extensions to SuperReport Pro are available at 60 €.

### Contact

Free upgrade requests, sales and license information: [orders@e-node.net](mailto:orders@e-node.net)

Technical issues, discussions and requests: [forums.e-node.net](http://forums.e-node.net)

AreaList Pro web page: [www.e-node.net/alp](http://www.e-node.net/alp)