

*R*TIME Viewer New Features Discussions – What's Next*

Kevin Coble
SCIENTECH, LLC

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Additions on tap for Version 4.3

- ❖ Security Level Enabling of Poke Boxes
 - Poke Box entity definition dialog would get field to enter security level required for poke action to be enabled
 - Default security level will be 0 to maintain existing functionality
 - Disabled Poke Box entities drawn in 3rd state

Additions on tap for Version 4.3 (cont.)

- ❖ Three state Poke Box and Function Buttons
 - Poke Box and Function Button entity definition dialogs would get field to enter shape for a third state – the disabled state
 - Poke Box entities disabled if security level insufficient or poke action type is “None”
 - Function Button entities disabled if security level insufficient

Additions on tap for Version 4.3 (cont.)

❖ Dynamic Color for Buttons

- Poke Box and Function Button entity definition dialogs would get color selection “well” to specify setting for dynamic color 1
- A different color can be specified for each of the three states
- Dynamic color can be applied to any part of the button shape (text, background, etc.)

Additions on tap for Version 4.3 (cont.)

❖ Local Archive

- Memory based archive system kept local to the client machine
- Duration, frequency, and points included specified in the DataServ.ini configuration file
- Greatly decreases access time for archive requests that can be fulfilled from local cache
- Limited size, so should only be used to accelerate known fixed trends such as SPDS trends

Additions on tap for Version 4.3 (cont.)

❖ Option to Suppress Progress Dialog Box

- Definition dialog box for both Scrolling and X-Y Trend entities will get new checkbox option to turn off the progress dialog box for the trend
- Useful for fixed trends that fall within the local archive cache
- Archive request abort button would not be available outside of the progress dialog box

Additions on tap for Version 4.3 (cont.)

❖ Poke Action Extensions

- Command line arguments will be allowed (only used by “Program” actions)
- Batch files will be allowed as the Program action in a Poke field

Additions on tap for Version 4.3 (cont.)

- ❖ New Send-Display controls
 - Individual windows will be selectable as the target
 - View will become a “tree” control, with workstations having sub-branches for each open window
 - Workstations that cannot receive a Send command will still be shown, but will be “grayed-out”
 - “Close” option will be available

Additions on tap for Version 4.3 (cont.)

❖ Trend Graph Line Alarm Color

- An additional entry in the Alarm Colors section of the MMI.INI configuration file for each alarm index – Trend Color
- If not defined, will default to the Graphic Color (which is used by existing versions)
- Transparent color will be allowed for the Trend Color, effectively turning the trend line “off” for the time segment that corresponds with that alarm index number

Additions on tap for Version 4.3 (cont.)

❖ Scrolling Vertical Trend Grids

- An option will be added to scrolling trends to have vertical grid lines align with the time stamps scrolling at the bottom of the trend
- Better control over the number of time stamps shown on a trend

Additions being considered for Version 4.3

- ❖ Other Poke Action types in the right-mouse button pop-up menu additions
- ❖ Relative Time flag for the Scrolling Trend info pop-up line
- ❖ Trend Data under info pop-up line to be put into \$LOCAL variables

Items on SCIENTECH's Wish List

- ❖ Text Rotation
- ❖ Update Chaining
- ❖ New Poke Action – “Display in New Window”
- ❖ Several other “small tweaks”

Customer Requests?