

onSITE DataViews v.10

Features Overview 1/3: Features



Features

- Full 64bit support
- UTF-8 support for all strings
- Cross platform capability (Windows, Linux, Mac OSX)
- Choose Meta code and run app w/o modification on every supported platform w/o any changes
- Choose C-API, compile and run app on every supported platform
- Enhanced DV-Tools API
- Use double precision coordinates for accelerated computations and higher precision
- Simplified access to legacy data management systems
- All-new, fully customisable Editor with native Look & Feel on all supported platforms with multi-language support (English, Spanish, French, German, Japanese, etc.)
- Full source code of editor
- Optional View Server with Version Control

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Features Overview 2/3: Features continued



Features
cont...

- New threshold table paradigm
 - Priority-based ordering of entries
 - Multiple input variables
 - Multiple conditions
- Macro Support
 - Change/Substitute string-based identifiers (DS, DSV, ObjNames, etc.) using variable name syntax
 - Inheritance scheme for macro definitions
 - Change text strings (e.g. rendered fonts, etc.)
 - Intelligent editor interface to handle macros (auto-completion, completion lists), etc.)
- Enhanced drawing operations
 - Circles, Ellipses, Polygons, etc.
 - Rounded corners, variable Cap-Style and Join-Style, World-Width lines
 - Uniform font rendering across platforms
 - Utilizing scalable fonts, supports stretch and rotation of fonts
 - Anti-aliased (TrueType/ClearType) fonts

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Features Overview 3/3: Future Enhancements



Future Enhancements

v.10 Enhancements by end-2026:

- Full 64bit support on Windows
- Support for rendering in browsers thus supporting Smart Phones and Tablets
- New threshold table paradigm
 - Multiple input variables
 - Multiple conditions
- New rendering engine (post X11, GDI rendering)) *Available 09/25
- XML support for View files (storage and retrieval)
- Optional View Server with Version Control
- Native widget/control integration