

Description: This application note describes the ICONICS INI files introduced with version 9.0 and a selection of settings that are commonly used.

OS Requirement: Win 2000 Pro/Server, XP Pro, Server 2003

General Requirement: GENESIS-32 or BizViz version 9.x.

Introduction

Accommodating to ever stricter security restrictions on what functionality is available to a normal user resulted in the GENESIS32 and BizViz suites switching over to using INI files instead of the registry. Settings which are only set up during installation are still recorded in the registry, as are the COM object registrations. However, all application settings that may be changed by the user are now stored in an INI file.

In most cases, it is advised to never change the INI file settings directly, but instead use the appropriate dialogs in the various applications. However, in some cases it is either easier or necessary to change the settings in the INI file directly.

Settings that have been available before version 9.0 can be configured in the registry for former versions.

The IcoSetup.INI file

The IcoSetup.INI file can be found in the Documents and Settings\All Users\Application Data\ICONICS directory. It can be edited using a text editor, such as Notepad. An INI file contains sections, parameters, and parameter values. Consider the following section from an INI file:

```
[MonitorWorX\Options]
NoBalloons=1
```

- MonitorWorX\Options is the section
- NoBalloons is the parameter
- 1 is the parameter value

GraphWorX32

[GWX32\Runtime Settings]

AnimateLayersViewport

When enabled, only animates those objects on the layers that are visible, points are not de-animated when scrolling away from the view, so the function behaves additive.

Availability: 9.0

Allowed values: 0 (disabled) and 1 (enabled), with a default value of 0

[GWX32\Compatibility Properties]

UsePreciseFloatRounding

When enabled or omitted it will round 5,6,7,8 & 9 up, 0,1,2,3 & 4 down. Before version 9.1, it would always truncate the value for size and location dynamics. Process points always applied proper rounding.

Availability: 9.1

Allowed values: 0 (disabled) and 1 (enabled), with a default value of 1

[GWX32\General Properties]

HashMapPrime

Initial size of the hash maps for all statics, dynamics, etc.

Availability: 9.0

Allowed values: Any integer, whereby large primes will work best, with a default value of 20047

AlarmWorX32

[AWX32\AWXSvr32]

DBPeriod

Period (in milliseconds) at which the alarm server scans the configuration database for changes

Availability: 7.0

Allowed values: Numeric values of 20000 and higher, with a default of 30000

NotifyDAErrors

Disable the notification of all OPC Data Access events, e.g. bad quality, invalid tags, etc. caused by status changes on the OPC items used to define the alarms.

Availability: 9.1.167.10

Allowed values: TRUE (post messages) or FALSE (no messages), with a default value of TRUE

SingleAck

Disable multiple entries for repeat acknowledgement. The repeat acknowledgement function has been introduced with version 9.0, to disable this function this setting can be used.

Availability: 9.0

Allowed values: FALSE (post multiple messages) or TRUE (post first acknowledgement only), with a default value of FALSE

[AWXVIEW32]

NoFlash

Disable flashing header for the alarm when set to 1

Availability: 9.01.167.5

Allowed values: 0 (allow flash) or 1 (no flash), with a default value of 0

Limit

Maximum number of (alarm) messages allowed

Availability: 8.0

Allowed values: Any integer, should be < 80000, with a default value of 10000

EventLimit

Maximum number of (event) messages allowed

Availability: 8.0

Allowed values: Any integer, should be < 80000, with a default value of 10000

DataWorX32

[Dwx32\Options]

ScanRateLimit

When set, it will limit all incoming pass-through connections to this scan rate. It will avoid any client creating groups with a scan rate (in milliseconds) faster than the specified limit.

Availability: 8.02.140.1

Allowed values: Any positive integer

MonitorWorX

[MonitorWorX\Options]

NoBalloons

When enabled, the popup balloons will no longer pop up from the system tray.

Availability: 9.01

Allowed values: 0 (show messages) and 1 (hide messages), with a default value of 0