



Information Engineering Technology

Release Notes



Release 2.6.5

Fixes

CR179 Call Stack Enable/Disable Option

When an application is executing with the xTrace Monitor active, the runtime collects call stack data which adds an overhead to the runtime processing. A new option in the Monitor enables the user to choose whether the call stack is enabled or not. If it is not enabled, the call stack data is not collected.

CR180 Performance Improvement when not tracing

The overhead of executing applications generated with trace has been reduced to a negligible amount when the application is not being actively traced, i.e. the Monitor is not active for the trace user. This enhancement also requires the generated source code to have been post-processed with the xTrace 2.6 version of XTABPP provided for this enhancement to achieve the performance improvement, though code processed via earlier releases of XTABPP can still be used with this version of the xTrace runtime.

Note that if trace is active when you start the application and you then wish to stop tracing, using the Monitor 'Stop Trace' function will eliminate any further tracing overhead whereas using the 'Run Until Application Complete' function will still involve a trace overhead.