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WHAT IS THE PROFILER CONTROL TOOL?

INFORMATION

Article Number 000001493

Environment
Product: Progress
Version: 9.x
Product: OpenEdge
Version: 10.x, 11.0 through 11.5
OS: Windows
Other: Profiler

Question/Problem Description
What is the Profiler Control Tool?
What is the 4GL Performance Profiler and is it Supported?
What is the Application Profiler (Profiler)?
Does Progress provide support for the Profiler Control Tool?
Where can I find the Profiler?
Where is the Application Profiler located?
How can I get the Profiler Control Tool?
Where can I download the Profiler Control Tool?

Steps to Reproduce

Clarifying Information

Error Message

Defect/Enhancement Number

Cause

Resolution

The **Profiler Control Tool** is an unsupported tool which can be used to perform profiler analysis of a Progress base application. The Profiler Control tool is designed to simplify the profiling and analysis of the performance data that Progress runtime executable generates. This tool is a complete rewrite of the performance profiling tool that ships some versions of Progress. This tool includes a GUI for simplifying the launching and stopping of procedures. It ha

ability to detect whether Progress Dynamics is running and allow the launching of dynamic containers as well as smart objects and other procedures. It includes all of the same information, but removes much of the complexity of previous tool by removing the requirement for a database and the timing consuming loading of profile data. In addition to previous execution statics, more information has been added. This tool also includes added functionality that gives user the ability to perform side-by-side compares and exporting of data to external programs.

The Profiler Control tool is available on Progress Communities at <https://community.progress.com/technicalusers/w/openedgegeneral/1980.profiler-control-tool.aspx> . It is documented in its included Profiler_Readme.doc file. An earlier version of the tool was included with Progress 9.x and OpenEdge 10.0x in the %DLC%\src\samples\profiler directory. An earlier version was variously known as the 4GL Performance Profiler and the Application Profiler.

A performance profiler is a common and useful tool for a software developer. It provides a "profile" of an application execution that usually means timing information and call-tree information. With the output, a developer can analyze the application is spending most of its time, and what part of the application is calling what other part of the application.

When the Profiler Control Tool is used with a Progress 4GL / OpenEdge ABL application, the result is an output file containing a summary of what code was executed and timing data for each line that was executed. The summary can be read into a Progress database and analyzed.

When profiling is enabled, the runtime interpreter records 4GL statement begin and end times with microsecond precision. In addition, it records the statement line number and a module identifier. Each distinct external procedure, internal procedure, user-defined function, session database trigger, or user interface trigger that is executed is connected to a module and is assigned a unique identifier.

The profiling feature can be controlled:

- Through the GUI
- From the 4GL/ABL itself through the PROFILER object
- By command line startup option.

Consult the Profiler_Readme.doc file included in the Profiler directory and the References to Other Documentation for more information.

A 4GL/ABL application that is run with profiling enabled does not behave differently except for an occasional slowdown while the Profiler performs its analysis and input/output.

The Profiler Control Tool is freeware and is not supported by Progress Technical Support. It is provided as is, has not undergone a quality assurance process, and is not maintained by Progress engineering. Please do not contact Progress Technical Support regarding any aspect of this tool or its use.

Workaround

Notes Starting with OpenEdge 11.6, Profiler support is available within Progress Developer Studio and is a fully supported feature..

References to Other Documentation:

Progress Articles:

000001426, [PROFILER Object attributes and methods](#)

000064682, [Profiler Editor - new feature in the 11.6 Progress Developer Studio for OpenEdge](#)

Attachment

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