Recording an Entire Application

You can record an entire application to a trace sequence diagram.

To record an application

1. Engage the Visual Trace feature, and then set the recording options.
   - XDE displays the Visual Trace Settings wizard.
   - Select the classes that you want to trace.
   - Click the Always start recording when application launches check box.
   - Select a stack depth, and close the wizard.

2. If you are tracing an ASP.NET application, start the ASP.NET profiling monitor and enable ASP.NET monitoring for Visual Trace.
   - Run AspNetMon.exe (typically found in C:\Program Files\Rational\Common), which spawns a Windows system tray icon that looks like a traffic light.
   - Right-click the ASP.NET monitor icon, and then select Enable ASP.NET Monitoring for Visual Trace.
   - Note: You can run only one runtime analysis tool with the ASP.NET monitor. Because you are already running Visual Trace, you cannot run Purify, PureCoverage, or Quantify at the same time.

3. Start the application without the debugger.
   - XDE automatically starts recording when the application starts.
   - XDE creates a trace sequence diagram, trace_yyyy-mm-dd_hh.mm.ss.tdf, in the project directory of your current solution’s startup project. To view .tdf files in the Solution Explorer, click the project, and then click Show All Files. To view newly created .tdf files, click Refresh.
   - Note: If you have no startup project, or multiple startup projects, XDE creates the trace sequence diagram in the project directory of the first project (alphabetically) of your current solution.

4. Stop the application.
5. Stop recording.
   - On the PurifyPlus menu, click Visual Trace > Record Trace.
   - Recording is toggled off.
6. If you were tracing an ASP.NET application, disable the ASP.NET profiling monitor.
   - Right-click the ASP.NET monitor icon, and then click ASP.NET Monitoring Disabled.
7. If you have set Visual Trace to automatically start when you launch an application, and you do not want to trace the next application, disengage the Visual Trace feature.

Related Topics

Recording an Application to a Trace Sequence Diagram