



- Teamstudio Profiler can locate performance issues without a trial and error method
- Time LotusScript code from simple to complex functions, right down to every line
- Notes end-users are more productive after the application performance has been improved using Profiler
- Notes administrators can avoid the expense of a server upgrade because application performance improvements reduce the server workload

Teamstudio® Profiler

Automated LotusScript performance measurement

Teamstudio Profiler is an automated LotusScript performance-measuring tool for Lotus Notes® application developers. Using Teamstudio Profiler, developers can pinpoint performance bottlenecks in their applications that are eating up vital system resources. Teamstudio Profiler can time your code without the need to modify anything, thus eliminating the risk of introducing bugs when adding or removing custom performance measurement code.

Development without Profiler...	Development with Profiler ...
Are you using a trial and error method to correct performance issues, adding unnecessary code complexity with no corresponding performance improvements?	You will capture timing data on every piece of LotusScript in your application. This allows you to better focus your efforts where they will be most effective. Afterward, running Teamstudio Profiler again will tell you how your changes have affected application performance.
Are you using a tedious, manual process such as a stopwatch or adding time-stamped print statements—that are difficult to locate and delete later—in order to identify performance bottlenecks in your applications?	You can automatically capture the timing of every line of LotusScript, without changing a single line of code. Teamstudio Profiler also eliminates the risk of errors that could be created when you attempt to remove your custom timing code.
Are you skipping certain functions or parts of your applications when adding your own measuring code because you are worried about breaking something? Or maybe the function, on the surface, seems to pose no performance problems?	You can time all your LotusScript code from the most simple to the most complex functions, right down to every line. Why risk missing something subtle by cherry-picking the functions you are measuring? Teamstudio Profiler measures it all.

Teamstudio Profiler will help you:

- Pinpoint reasons for performance issues prior to application deployment
- Quickly and accurately identify performance bottlenecks in response to customer complaints





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Teamstudio Profiler

The screenshot shows the 'report.tps - Teamstudio Profiler' window. At the top, it displays 'Total Time: 28.708347 seconds'. Below this is a table of function performance:

Fn	Calls	Time + Child...	Time	% Parent	Average
CLICK	2	27.671	1.247	96.39%	0.623
FINDPERSON	1	26.424	0.001	92.04%	0.001
ISTHISTHEM	2461	23.881	23.881	83.18%	0.010
FINDPERSONSLOWLY1	1	13.583	1.527	47.31%	1.527
FINDPERSONSLOWLY2	1	12.808	0.997	44.61%	0.997
POSTOPEN	1	1.012	1.012	3.52%	1.012

Below the main table is a 'Children' tab showing a detailed view of the 'FINDPERSON' function:

#	Source	#	%	Time
1	Sub FindPerson(strName As String)			
2	Call FindPersonSlowly1(strName)	1	51.41%	13.583
3	Call FindPersonSlowly2(strName)	1	48.47%	12.808
4	Call FindPersonQuickly(strName)	1	0.12%	0.033
5	End Sub			

The window includes 'File View Help' menus, a 'Total Time' input field, and 'Help' and 'Close' buttons at the bottom.

Teamstudio Profiler lets you quickly determine which LotusScript functions are taking the longest to execute.

System Requirements

Client and Server

Processor and memory specification per typical Notes or Domino® installation
Microsoft Windows 95/98/NT4/2000/XP (as supported by Notes) on Intel (x86) plat-
forms
Lotus Notes R5.x, R6.x or R7.x

For more information please visit:

teamstudio.com

Who Is Teamstudio?

Teamstudio designs technologies that address IT governance requirements — with policies and best practices for control, compliance, efficiency, and security within the Lotus Notes environment.

We call our approach "Just Enough Governance for Notes."

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