# Rational Purify User Guide

# 1 Open

1.1 Click Start > Programs > Rational Software > Rational Purify.

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## 2 Testing an EXE file.

#### 2.1 Click File > Run.



- 2.2 Click the button next to the Program name text field and select the EXE file that will be tested. The EXE in this example is "C:\Documents and Settings\dnc1772\Desktop\leaks.exe"
- 2.3 Click the button next to the Working directory text field and select the directory the EXE file resides in. The working directory in this example is "C:\Documents and Settings\dnc1772\Desktop"

Run Program	<u>? ×</u>
Program name:	
C:\Documents and Settings\dnc1772\Desktop\leaks.exe	<u>R</u> un
Command-line arguments:	Cancel
·	Cottingo
Working directory:	
C:\Documents and Settings\dnc1772\Desktop	<u>H</u> elp
Collect:	
	profiling data
Detect memory errors and leaks in natively compiled C/C++ applications.	
Lies actings from INI file:	
Compute automatically	
Run under the <u>d</u> ebugger <u>P</u> ause console after exit	

### 2.4 Click Run.



Note: Rational Purify found two memory leaks in the program.

## 2.5 Click File > Run.

2.6 Under Collect: Select the "Coverage, error, and leak data" radio button.

Run Program	<u>? ×</u>
Program name:	
C:\Documents and Settings\dnc1772\Desktop\leaks.exe	<u>R</u> un
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Working directory:	<u>5</u> ettings
C:\Documents and Settings\dnc1772\Desktop	<u>H</u> elp
Collect:	
○ Error and leak data ○ Coverage, error, and leak data ○ Memory p	rofiling data
Collect code coverage information as well as detect memory errors and leaks in nativel C/C++ applications.	y compiled
Use settings from INI file:	
Compute automatically	
Run under the <u>d</u> ebugger <u>P</u> ause console after exit	

### 2.7 Click Run.

🖉 Rational Purify - [Data Browser: Purify'd leaks.exe]
[] File Edit View Settings Window Help
<u> </u>
★★ 喧噪部
C:\Documents and Settings\dnc1772\ Error View
<pre>For View For Vie</pre>
Displayed Errors: 2 of 2 Displayed Warnings: 2 of 3 Bytes leaked: 100±0
Ready NUM

Note: Rational Purify found two memory leaks in the program.