

Entering command-line arguments into Audit Workbench or Fortify IDE plugin



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Question

How do I add custom command-line arguments when using Audit Workbench or the Fortify plugin in my IDE to configure certain aspects of the scan?

Answer

Fortify uses the `sourceanalyzer` command-line tool behind the scenes when running a scan, and the Audit Workbench Advanced Scan wizard and the IDE Fortify plugins give you a convenient way of setting up the scan and entering the information for your project without having to manually configure all of the options. You can then enter additional command-line arguments to change the way the scan will execute, for example to [modify memory settings](#), [create a debug log file](#), [define languages/file extensions](#), etc.

In the Audit Workbench

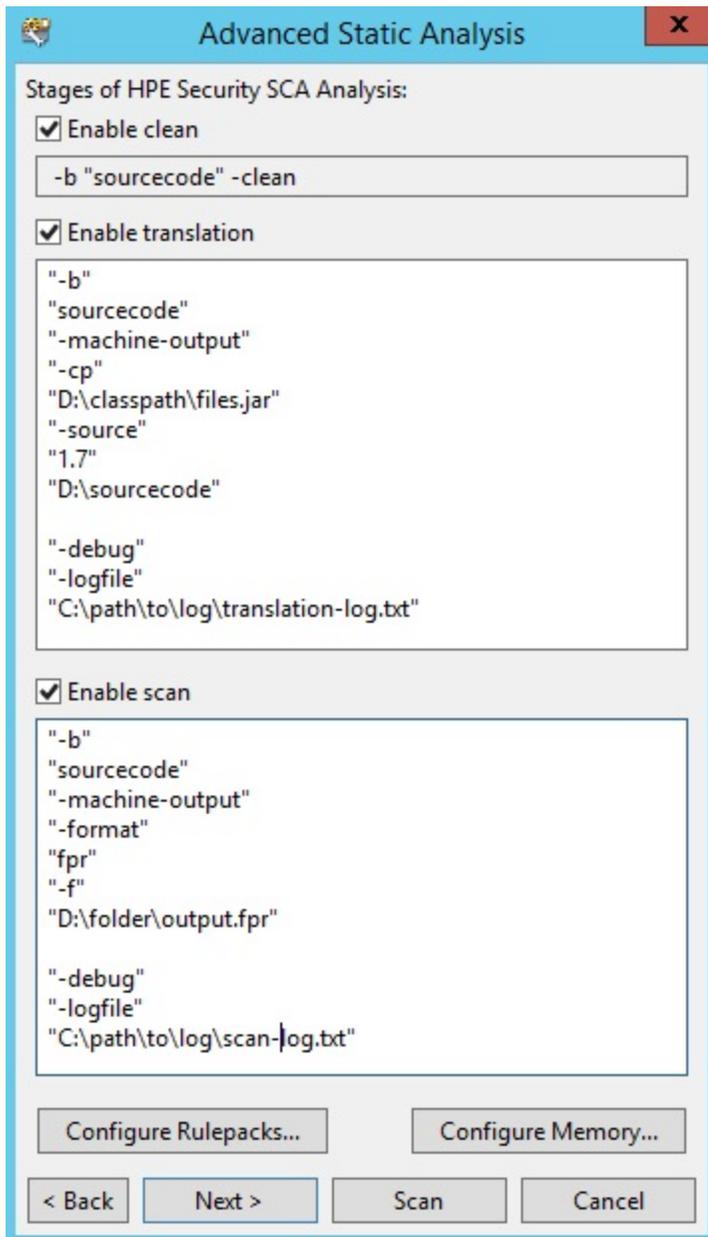
After opening the Audit Workbench, you can select Advanced Scan to start the process:



Then after selecting the directory that contains your source code, you can configure the classpath and decide which directories to include/exclude. Then if you press Next you will be brought to the screen that contains the command-line arguments auto-generated by Fortify:

HPE Fortify Version	16.11 and later
Programming Language	<input checked="" type="checkbox"/> C/C++ <input checked="" type="checkbox"/> .NET <input checked="" type="checkbox"/> Java <input checked="" type="checkbox"/> Objective-C <input checked="" type="checkbox"/> Other
Fortify Audit Workbench	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fortify IDE Plugin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Other Fortify Component	<input type="checkbox"/> Yes <input type="checkbox"/> No

Request code review tools, validations, and support [HERE](#).

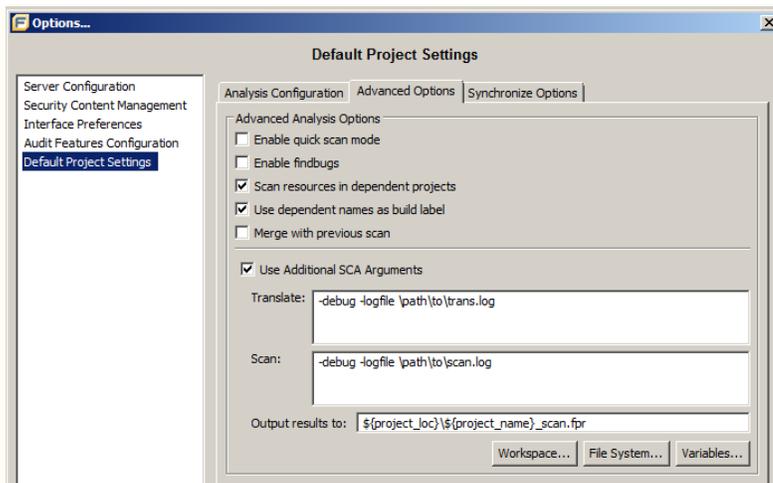


It is here where you can enter new arguments, one on each line and surrounded with double-quotes. There are separate configurations for the Translate and the Scan phases, and the arguments are generally added to one or both of those sections.

Fortify IDE Plugin (Eclipse or Visual Studio)

If you are running the scan from an IDE plugin, you can set these options in the options dialog:

- Select the HPE Fortify > Options menu
- Select "Enable Project Specific Settings"
- Click on the "Advanced Scan Options" tab
- Select the "Use additional SCA arguments" checkbox
- Enter the commands in this window:



References

- HPE Fortify Static Code Analyzer User Guide - Chapter 13: Command-Line Interface
- HPE Fortify Audit Workbench User Guide - Chapter 2: Scanning Large, Complex Projects
- HPE Fortify Eclipse Plugins Guide - Chapter 2: Configuring Advanced Analysis Options
- HPE Fortify Packages for Visual Studio Guide - Chapter 2: Configuring Scan Settings