
Micro Focus Fortify Static Code Analyzer Tools

Software Version: 20.1.0

Properties Reference Guide

Document Release Date: May 2020

Software Release Date: May 2020



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Documentation Updates

The title page of this document contains the following identifying information:

- Software Version number
- Document Release Date, which changes each time the document is updated
- Software Release Date, which indicates the release date of this version of the software

This document was produced on April 16, 2020. To check for recent updates or to verify that you are using the most recent edition of a document, go to:

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Preface

Contacting Micro Focus Fortify Customer Support

You can contact Micro Focus Fortify Customer Support, manage your Support cases, acquire licenses, and manage your account on the following website:

<https://softwaresupport.softwaregrp.com>

For More Information

For more information about Fortify software products:

<https://software.microfocus.com/solutions/application-security>

About the Documentation Set

The Fortify Software documentation set contains installation, user, and deployment guides for all Fortify Software products and components. In addition, you will find technical notes and release notes that describe new features, known issues, and last-minute updates. You can access the latest versions of these documents from the following Micro Focus Product Documentation website:

<https://www.microfocus.com/support-and-services/documentation>

Change Log

The following table lists changes made to this document. Revisions to this document are published between software releases only if the changes made affect product functionality.

Software Release / Document Version	Changes
20.1.0	Added: <ul style="list-style-type: none">• "Command-Line Tools Properties" on page 32 - New logging property
19.2.0	Updated: Release date and version number
19.1.0	Updated: Release date and version number
18.20	Removed: <ul style="list-style-type: none">• References to Fortify Process Designer (no longer supported)• References to the Fortify Software Security Center legacy user interface

Chapter 1: Fortify Static Code Analyzer Applications and Java IDE Plugin Configuration

This chapter describes the properties used to configure Micro Focus Fortify Static Code Analyzer applications and Java IDE plugins:

- Micro Focus Fortify Audit Workbench
- Micro Focus Fortify Custom Rules Editor
- Micro Focus Fortify Plugins for Eclipse and JetBrains IDEs

The following table lists the Fortify Static Code Analyzer application acronyms used in this chapter.

Acronym	Fortify Static Code Analyzer Application / Plugin
AWB	Fortify Audit Workbench
CRE	Fortify Custom Rules Editor
ECP	Fortify Eclipse Complete Plugin
ERP	Fortify Eclipse Remediation Plugin
IAP	Fortify IntelliJ/Android Studio Analysis Plugin
JRP	Fortify JetBrains IDEs Remediation Plugin

Where to Find the Properties File

The location of the properties files varies for the different Micro Focus Fortify Static Code Analyzer tools. The following table provides the location of the properties file for tools described in this chapter.

Fortify Static Code Analyzer Tool	Property File Location
AWB, CRE	<code><sca_install_dir>/Core/config</code>
ECP	<code><eclipse_install_dir>/plugins/com.fortify.dev.ide.eclipse_<version>/Core/config</code>

Fortify Static Code Analyzer Tool	Property File Location
ERP	<eclipse_install_dir>/plugins/com.fortify.plugin.remediation_<version>/Core/config
IAP	<user_home>/.<IDE_product_name>/config/plugins/FortifyAnalysis/config
JRP	<user_home>/.<IDE_product_name>/config/plugins/Fortify/config

Fortify Static Code Analyzer Applications and Java IDE Plugin Properties

Some of the properties described in this section already exist in the `fortify.properties` file, and some of them you must add yourself. The colored boxes in the Details column indicate which Micro Focus Fortify Static Code Analyzer tools use the property. To find this properties file for the various products, see ["Where to Find the Properties File" on the previous page](#).

The following table describes the properties in the `fortify.properties` file.

Property	Details						
<code>com.fortify.audit.ui.DisableAddingFolders</code>	<p>If set to <code>true</code>, disables the add folder functionality.</p> <p>Default: <code>false</code></p> <p>Tools Affected:</p> <table border="1"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<code>com.fortify.audit.ui.DisableBugtrackers</code>	<p>If set to <code>true</code>, disables bug tracker integration.</p> <p>Default: <code>false</code></p> <p>Tools Affected:</p> <table border="1"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Property	Details						
com.fortify.audit.ui.DisableEditingCustomTags	If set to true, removes the ability to edit custom tags. Default: false Tools Affected: <table border="1" data-bbox="634 464 1409 531"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.audit.ui.DisableSuppress	If set to true, disables issue suppression. Default: false Tools Affected: <table border="1" data-bbox="634 743 1409 810"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.AuthenticationKey	Specifies the directory used to store the Micro Focus Fortify Software Security Center client authentication token. Default: \${com.fortify.WorkingDirectory}/config/tools Tools Affected: <table border="1" data-bbox="634 1102 1409 1169"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.awb.Debug	If set to true, Fortify Audit Workbench runs in debug mode. Default: false Tools Affected: <table border="1" data-bbox="634 1381 1409 1449"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.awb.javaExtensions	Specifies the file extensions (comma-delimited) to treat as Java files during a scan. If no value is specified, Fortify Audit Workbench and the Fortify Eclipse Complete Plugin recognize .java, .jsp, and .jspx files as Java files. The property is used only to determine whether a project includes Java files and to add Java-specific controls to the Advanced Scan wizard. Default: none						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. awb.LinuxFontAdjust</p>	<p>Specifies the font size to use on Linux platforms. Fortify Audit Workbench adds the specified size to original font size.</p> <p>Default: 0</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 659 1409 728"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. awb.MacFontAdjust</p>	<p>Specifies the size to tune font size for Mac platform. Fortify Audit Workbench adds the specified size to the original font size.</p> <p>Default: 2</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 980 1409 1050"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. awb.WindowsFontAdjust</p>	<p>Specifies to tune font size for Windows platform. Fortify Audit Workbench adds the specified size to original font size.</p> <p>Default: 0</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1302 1409 1371"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. Debug</p>	<p>If set to true, runs the Fortify Static Code Analyzer tools in debug mode.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1623 1409 1692"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. DisableDescriptionXML Escaping</p>	<p>If set to true, disables XML escaping in issue descriptions (for example, changing &quot; ; in XML/FVDL to ").</p> <p>Default: false</p>						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. DisableExternalEntry Correlation</p>	<p>If set to true, parses URL in the ExternalEntries/Entry element in audit.fvdl.</p> <p>Default: false</p> <pre data-bbox="634 604 1409 1058" style="background-color: #f0f0f0; padding: 10px;"> <ExternalEntries> <Entry name="HTML Form" type="URL"> <URL>/auth/PerformChangePass.action</URL> <SourceLocation path="pages/content/ ChangePass.jsp" line="16" lineEnd="16" colStart="0" colEnd="0" snippet= "1572130B944CEC7A3D98775A499AE8FA#pages/ content/ChangePass.jsp:16:16"/> </Entry> </ExternalEntries> </pre> <p>Tools Affected:</p> <table border="1" data-bbox="634 1146 1409 1215"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. DisableMinVirtCallConfidence Computation</p>	<p>If set to true, disables computing minimum virtual call confidence.</p> <p>Fortify Audit Workbench and the Fortify Eclipse Complete Plugin use this attribute to compute minimum virtual call confidence and enable issue filtering. For example, you can use it to filter out all issues that contain virtual call with confidence lower than 0.46.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1656 1409 1726"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. DisableRemovedIssue Persistence</p>	<p>If set to true, disables removed issue persistence (clears removed issues from the results file).</p> <p>Default: false</p>						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. DisableReportCategory Rendering</p>	<p>If set to true, disables rendering issue description into report.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 621 1409 690"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. DisplayEventID</p>	<p>If set to true, displays the event ID in the issue node tooltip in the Issues view.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 947 1409 1016"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. eclipse.Debug</p>	<p>If set to true, runs the plugin in debug mode.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1230 1409 1299"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. InstallationUserName</p>	<p>Specifies the default user name for logging in to Fortify Software Security Center for the first time.</p> <p>Default: <code>\${user.name}</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1556 1409 1625"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. locale</p>	<p>Specifies the Fortify locale (for rules and metadata only). Possible values are:</p> <ul style="list-style-type: none"> en (English) es (Spanish) ja (Japanese) 						

Property	Details						
	<p>ko (Korean)</p> <p>pt_BR (Brazilian Portuguese)</p> <p>zh_CN (Simplified Chinese)</p> <p>zh_TW (Traditional Chinese)</p> <p>Default: en</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 646 1409 716"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.CheckSig</p>	<p>If set to true, verifies signature in FPR.</p> <p>If com.fortify.model.UseIssueParseFilters is set to true, then com.fortify.model.MinimalLoad is set to true, com.fortify.model.IssueCutoffStartIndex is not null, com.fortify.model.IssueCutoffEndIndex is not null, com.fortify.model.IssueCutoffByCategoryStartIndex is not null or com.fortify.model.IssueCutoffByCategoryEndIndex is not null, com.fortify.model.CheckSig is false, and the signature in FPRs are not verified.</p> <p>Default: true (normal) / false (minimum load)</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1318 1409 1388"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.CustomDescriptions Header</p>	<p>Specifies the custom prefix for the description header. It prepends the text in the Description/Recommendation header, so that you see “My Recommendations” instead of “Custom Recommendations.”</p> <div data-bbox="634 1602 1401 1745" style="background-color: #f0f0f0; padding: 5px;"> <p>Note: To update description headers, Fortify recommends that you use the <CustomDescriptionRule> rule with the <Header> element text instead.</p> </div> <p>Default: none</p>						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableChopBuildID</p>	<p>If set to true, does not shorten the build ID, even if the build ID exceeds 250 characters.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 659 1409 728"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableContextPool</p>	<p>If set to true, disables loading of the ContextPool section of the audit.fvdl file.</p> <p>You can configure this property if com.fortify.model.MinimalLoad is not set to true. If com.fortify.model.MinimalLoad is set to true, then com.fortify.model.DisableContextPool is automatically set to true.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1213 1409 1283"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableDescription</p>	<p>If set to true, disables loading the Description section from audit.fvdl.</p> <p>You can configure this property if com.fortify.model.MinimalLoad is not set to true. If com.fortify.model.MinimalLoad is true, then com.fortify.model.DisableDescription is automatically set to true.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1766 1409 1835"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Property	Details						
<p>com.fortify.model.DisableEngineData</p>	<p>If set to true, disables loading the EngineData section of audit.fvd1 to save memory when large FPR files are opened. This data is displayed on the Analysis Information tab of Project Summary view. The property is useful if too many analysis warnings occur during a scan. However, Fortify recommends that you instead set a limit for com.fortify.model.MaxEngineErrorCount to open FPR files that have many Fortify Static Code Analyzer warnings.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 751 1409 825"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableProgramInfo</p>	<p>You can configure this property if com.fortify.model.MinimalLoad is not true. If com.fortify.model.MinimalLoad is set to true, then this property is automatically set to true.</p> <p>If set to true, prevents loading of metatable from the ProgramData section of FPR files. If set to false, loads metatable from the FPR file.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1304 1409 1377"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableProgramPoint</p>	<p>If set to true, disables loading of the ProgramPoint section from the runtime.fvd1 file.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1629 1409 1703"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableReplacement Parsing</p>	<p>If set to true, disables replacing conditional description.</p> <p>You can configure this property if com.fortify.model.MinimalLoad is not set to true. If com.fortify.model.MinimalLoad is true, then this</p>						

Property	Details						
	<p>property is automatically set to true.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 464 1409 531"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableSnippets</p>	<p>If set to true, disables loading the Snippets section from the audit.fvdl file.</p> <p>You can configure this property if com.fortify.model.MinimalLoad is set to false. If com.fortify.model.MinimalLoad is set to true, then com.fortify.model.DisableSnippets is automatically set to true.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1014 1409 1081"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableUnifiedInductions</p>	<p>If set to true, disables loading the UnifiedInductionPool section from the audit.fvdl file.</p> <p>You can configure this property if com.fortify.model.MinimalLoad is not set to true. If com.fortify.model.MinimalLoad is set to true, then com.fortify.model.DisableUnifiedInductions is automatically set to true.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1562 1409 1629"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.model.DisableUnifiedPool</p>	<p>If set to true, disables loading the UnifiedNodePool section from the audit.fvdl file.</p> <p>You can configure this property if com.fortify.model.MinimalLoad is set to false. If com.fortify.model.MinimalLoad is true, then</p>						

Property	Details						
	<p><code>com.fortify.model.DisableUnifiedPool</code> is automatically set to <code>true</code>. If the value is not specified or <code>false</code>, this property is set to <code>none</code>.</p> <p>Default: <code>false</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 543 1411 615"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p><code>com.fortify.model.DisableUnifiedTrace</code></p>	<p>If set to <code>true</code>, disables loading the <code>UnifiedTracePool</code> section from the <code>audit.fvdl</code> file.</p> <p>You can configure this property if <code>com.fortify.model.MinimalLoad</code> is not set to <code>true</code>. If <code>com.fortify.model.MinimalLoad</code> is <code>true</code>, then <code>com.fortify.model.DisableUnifiedTrace</code> is automatically set to <code>true</code>.</p> <p>Default: <code>false</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1096 1411 1167"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p><code>com.fortify.model.EnablePathElementBaseIndexShift</code></p>	<p>If set to <code>true</code>, enables backward compatibility with pre-2.5 migrated projects.</p> <p>Default: <code>none</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1421 1411 1493"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p><code>com.fortify.model.EnableSourceCorrelation</code></p>	<p>If set to <code>true</code>, takes data flow source into consideration for issue correlation. The default is <code>false</code> because correlations with runtime results might not be reliable with this setting enabled.</p> <p>Default: <code>false</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1787 1411 1858"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Property	Details						
com.fortify. model.ExecMemorySetting	<p>Specifies the JVM heap memory size used by Fortify Audit Workbench to launch external utilities.</p> <p>Default:</p> <p>600—iidmigrator</p> <p>300—fortifyupdate</p> <p>Tools Affected:</p> <table border="1"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. model.ForceIIDMigration	<p>If set to true, forces running Instance ID migration during a merge.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. model.FullReportFileNames	<p>If set to true, uses full file name in reports.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. model.IIDmigratorOptions	<p>Specifies iidmigrator options (space-delimited values) run by FPRUtility, Fortify Audit Workbench, or the Fortify Eclipse Complete Plugin.</p> <p>Default: none</p> <p>Tools Affected:</p> <table border="1"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. model.IssueCutoffByCategory StartIndex	<p>Specifies the start index for issue cutoff by category.</p> <p>Default: 0</p>						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.IssueCutoffByCategory EndIndex</p>	<p>Specifies the end index for issue cutoff by category.</p> <p>Default: <code>java.lang.Integer.MAX_VALUE</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 621 1409 690"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.IssueCutoffStartIndex</p>	<p>Specifies the start index for issue cutoff. Select the first issue (by number) to be loaded.</p> <p>Default: <code>0</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 945 1409 1014"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.IssueCutoffEndIndex</p>	<p>Determines the end index for issue cutoff. Select the last issue (by number) to be loaded.</p> <p>Default: <code>java.lang.Integer.MAX_VALUE</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1270 1409 1339"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.MaxEngineErrorCount</p>	<p>Determines how many reported Fortify Static Code Analyzer warnings are loaded. To allow an unlimited number, specify <code>-1</code>.</p> <p>Fortify recommends that you keep the default value of <code>3000</code> because this can speed up the load time of large FPR files.</p> <p>Default: <code>3000</code></p> <p>Tools Affected: Also used by FPRUtility</p> <table border="1" data-bbox="634 1694 1409 1764"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.MergeResolveStrategy</p>	<p>Specifies merge resolve strategy from:</p> <ul style="list-style-type: none"> • <code>DefaultToMasterValue</code> (use primary project) 						

Property	Details						
	<ul style="list-style-type: none"> • DefaultToImportValue (use secondary project) • NoStrategy (prompt for project to use) <p>Default: DefaultToMasterValue</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 499 1409 569"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.MinimalLoad</p>	<p>If set to true, minimizes the data loaded from an FPR file.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 779 1409 848"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.NProcessingThreads</p>	<p>Specifies the number of threads to process FPR files.</p> <p>If com.fortify.model.PersistDataToDisk is set to true, defaults to 1 thread.</p> <p>If the number specified exceeds the number of available processors: int maxThreads=java.lang.Runtime.getRuntime().availableProcessors(), then Fortify Static Code Analyzer tools use the number of available processors as the number of threads to process FPR files.</p> <p>Default: Number of available processors</p> <p>Tools Affected: Also used by FPRUtility</p> <table border="1" data-bbox="634 1430 1409 1499"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.PersistDataToDisk</p>	<p>If set to true, enables a persistence strategy to reduce the memory footprint and uses the disk drive to swap FPR data out of memory.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1793 1409 1862"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Property	Details						
com.fortify.model.PersistenceBlockSize	<p>If <code>com.fortify.model.PersistenceStrategy</code> is set to <code>CUSTOM</code>, <code>com.fortify.model.PersistenceBlockSize</code> specifies the number of attribute values that comprise a single block of attributes. These blocks are cached to disk and read back in as needed. A higher number decreases the total number of cache files, but increases the file size and the amount of memory that is read in each time.</p> <p>Default: 250</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 711 1414 783"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.model.PersistenceQueueCapacity	<p>If <code>com.fortify.model.PersistenceStrategy</code> is set to <code>CUSTOM</code>, this property specifies the maximum number of attribute value blocks that can exist in the producer/consumer queue.</p> <p>Default: queue is unbounded</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1079 1414 1150"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.model.PriorityImpactThreshold	<p>Specifies the threshold for issue impact. The valid values are 0.0F–5.0F. If the impact of an issue is greater than or equal to the threshold, the issue is considered High. If the impact of an issue is less than the threshold, the issue is considered Low. Issues are then categorized as follows:</p> <ul style="list-style-type: none"> • Critical—High Impact and High Likelihood • High—High Impact and Low Likelihood • Medium—Low Impact and High Likelihood • Low—Low Impact and Low Likelihood <p>Also see com.fortify.model.PriorityLikelihoodThreshold</p> <p>Default: 2.5F</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1793 1414 1864"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Property	Details						
com.fortify.model.PriorityLikelihoodThreshold	<p>Specifies the threshold for issue likelihood. The valid values are 0.0F–5.0F. If the likelihood of an issue is greater than or equal to the threshold, the issue is considered High. If the likelihood of an issue is less than the threshold, the issue is considered Low. Issues are then categorized as follows:</p> <ul style="list-style-type: none"> • Critical—High Impact and High Likelihood • High—High Impact and Low Likelihood • Medium—Low Impact and High Likelihood • Low—Low Impact and Low Likelihood <p>Also see com.fortify.model.PriorityImpactThreshold</p> <p>Default: 2.5F</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 898 1414 968"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify.model.report.targetEnv	<p>Specifies the target environment to generate RTF format reports. You can control RTF format generation with the following setting:</p> <pre>com.fortify.model.report.targetEnv=<format></pre> <p>where <format> is:</p> <ul style="list-style-type: none"> • xp—Sets the options required for RTF documents to display correctly in Microsoft Word XP (2002) and later. • word2000— Sets the options required for RTF documents to display correctly in Microsoft Word 2000 and Microsoft Word 97. • openOffice—Sets the options required for RTF documents to display correctly in OpenOffice.Org Writer. • mac— Sets the options required for RTF documents to display correctly in Microsoft Word for Mac. <p>Defaults:</p> <ul style="list-style-type: none"> • Windows—xp • Linux—openOffice • macOS—mac 						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.report.useSystemLocale</p>	<p>If set to true, uses system locale for report output. If set to false, uses com.fortify.locale in the fortify.properties file. If a value is not specified, the tool uses java.util.Locale.getDefault().</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 743 1409 812"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.ReportLineLimit</p>	<p>Specifies the character limit for each issue code snippet in reports.</p> <p>Default: 500</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1026 1409 1096"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.UseIDMigrationFile</p>	<p>Specifies the full path of the instance ID migration file to use.</p> <p>Default: none</p> <p>Tools Affected: Also used by FPRUtility</p> <table border="1" data-bbox="634 1308 1409 1377"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. model.UseIssueParseFilters</p>	<p>If set to true, respects the settings in the IssueParseFilters.properties configuration file. This file is in the following directories:</p> <p>AWB—<sca_install_dir>/Core/config</p> <p>ECP—<eclipse_install_dir>/plugins/com.fortify.dev.ide.eclipse_<version>/Core/config</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1833 1409 1902"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Property	Details						
<p>com.fortify.model.UseOldIIDMigrationAttributes</p>	<p>If set to true, uses attributes of old issues during instance ID migration while merging similar issues of old and new scans.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 506 1409 573"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.remediation.PaginateIssues</p>	<p>If set to true or if no value is specified, the remediation plugins use pagination during issue download.</p> <p>If set to false, these plugins download all issues at once.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 890 1409 957"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.remediation.PaginationCount</p>	<p>If com.fortify.remediation.PaginateIssues is set to true, specifies the page count.</p> <p>Default: 1000</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1209 1409 1276"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.RemovedIssuePersistenceLimit</p>	<p>Specifies how many removed issues to keep when you save an FPR.</p> <p>Default: 1000</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1535 1409 1602"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify.SCAExecutablePath</p>	<p>Specifies file path to sourceanalyzer.exe.</p> <div style="background-color: #f0f0f0; padding: 5px;"> <p>Note: The Fortify Static Code Analyzer and Applications installer sets this property during installation and it only requires modification if you manually move the executable files.</p> </div>						

Property	Details						
	<p>Default: <code><sca_install_dir>/bin/sourceanalyzer.exe</code></p> <p>Tools Affected:</p> <table border="1" data-bbox="634 401 1409 470"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. search.defaultSyntaxVer	<p>Determines whether to use the AND and OR operators in searches. These are enabled in search syntax by default.</p> <ul style="list-style-type: none"> To block the use of the AND and OR operators, set the value to 1. To use ANDs and ORs without parentheses, set the value to 2. <p>Default: 2</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 827 1409 896"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. StoreOriginalDescriptions	<p>If set to true, stores original plain text issue descriptions (before parsing) as well as the parsed ones with tags replaced with specific values.</p> <p>Default: false</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1190 1409 1260"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. taintFlagBlacklist	<p>Specifies taint flags to exclude (comma-delimited values).</p> <p>Default: none</p> <p>Tools Affected:</p> <table border="1" data-bbox="634 1472 1409 1541"> <tr> <td>AWB</td> <td>ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
com.fortify. tools.iidmigrator.scheme	<p>Set this property to migrate instance IDs created with different versions of Fortify Static Code Analyzer using a custom matching scheme. This is generally handled by Fortify Static Code Analyzer. If you need a custom matching scheme, contact Micro Focus Fortify Customer Support.</p> <p>Default: none</p>						

Property	Details						
	<p>Tools Affected:</p> <table border="1" data-bbox="634 338 1409 407"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. UseSourceProjectTemplate</p>	<p>If set to true, forces the use of filter sets and folders from the issue template associated with the secondary project. The filter sets and folders from the primary project are used by default.</p> <p>Default: false</p> <p>Tools Affected: Also used by FPRUtility</p> <table border="1" data-bbox="634 705 1409 774"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td>ERP</td> <td>CRE</td> <td>IAP</td> <td>JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		
<p>com.fortify. WorkingDirectory</p>	<p>Specifies the working directory that contains all user configuration and working files for all Fortify Static Code Analyzer components. To configure this property, you must have write access to the directory.</p> <p>Defaults:</p> <ul style="list-style-type: none"> • Windows—<code>{win32.LocalAppdata}/Fortify</code> • Unix—<code>{user.home}/.fortify</code> <p>Tools Affected:</p> <table border="1" data-bbox="634 1211 1409 1281"> <tr> <td style="background-color: #92d050;">AWB</td> <td style="background-color: #92d050;">ECP</td> <td style="background-color: #92d050;">ERP</td> <td style="background-color: #92d050;">CRE</td> <td style="background-color: #92d050;">IAP</td> <td style="background-color: #92d050;">JRP</td> </tr> </table>	AWB	ECP	ERP	CRE	IAP	JRP
AWB	ECP	ERP	CRE	IAP	JRP		

Chapter 2: Fortify Extension for Visual Studio Configuration

This section describes the properties used by the Micro Focus Fortify Extension for Visual Studio. The properties are listed in alphabetical order based on the files in which they belong.

This section contains the following topics:

- [Fortify Extension for Visual Studio Properties](#)26
- [TFS Configuration Property](#)29

Fortify Extension for Visual Studio Properties

Some of the properties described here already exist in the `fortify.properties` file, and some of them you must add yourself. The following table describes the properties in the `<sca_install_dir>/Core/config/fortify.properties` file.

Property	Details
com.fortify.audit.ui.DisableBugtrackers	If set to <code>true</code> , disables bug tracker integration. Default: <code>false</code>
com.fortify.audit.ui.DisableSuppress	If set to <code>true</code> , disables issue suppression. Default: <code>false</code>
com.fortify.AuthenticationKey	Specifies the directory used to store the Micro Focus Fortify Software Security Center client authentication token. Default: <code>\${com.fortify.WorkingDirectory}/config/tools</code>
com.fortify.Debug	If set to <code>true</code> , runs all Fortify Static Code Analyzer tools in debug mode. Default: <code>false</code>
com.fortify.model.CustomDescriptionsHeader	Specifies the custom prefix for the description header. It prepends the text in the <code>Description/Recommendation</code> header, so that you see “My Recommendations” instead of “Custom Recommendations.”

Property	Details
	<p>Note: To update description headers, Fortify recommends that you use the <CustomDescriptionRule> rule with the <Header> element text instead.</p> <p>Default: none</p>
com.fortify.model.ForceIDMigration	<p>If set to true, forces running Instance ID migration during a merge.</p> <p>Default: false</p>
com.fortify.model.PriorityImpactThreshold	<p>Specifies the threshold for issue impact. The valid values are 0.0F–5.0F. If the impact of an issue is greater than or equal to the threshold, the issue is considered High. If the impact of an issue is less than the threshold, the issue is considered Low. Issues are then categorized as follows:</p> <ul style="list-style-type: none"> • Critical—High Impact and High Likelihood • High—High Impact and Low Likelihood • Medium—Low Impact and High Likelihood • Low—Low Impact and Low Likelihood <p>Also see com.fortify.model.PriorityLikelihoodThreshold</p> <p>Default: 2.5F</p>
com.fortify.model.PriorityLikelihoodThreshold	<p>Specifies the threshold for issue likelihood. The valid values are 0.0F–5.0F. If the likelihood of an issue is greater than or equal to the threshold, the issue is considered High. If the likelihood of an issue is less than the threshold, the issue is considered Low. Issues are then categorized as follows:</p> <ul style="list-style-type: none"> • Critical—High Impact and High Likelihood • High—High Impact and Low Likelihood • Medium—Low Impact and High Likelihood • Low—Low Impact and Low Likelihood <p>Also see com.fortify.model.PriorityImpactThreshold</p> <p>Default: 2.5F</p>
com.fortify.model.UseIDMigrationFile	<p>Specifies the full path of the instance ID migration file to use.</p> <p>Default: none</p>

Property	Details
com.fortify. SCAExecutablePath	<p>Specifies file path to sourceanalyzer.exe.</p> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>Note: The Fortify Static Code Analyzer and Applications installer sets this property during installation and it only requires modification if you manually move the executable files.</p> </div> <p>Default: <scinstall_dir>/bin/sourceanalyzer.exe</p>
com.fortify. search.defaultSyntaxVer	<p>Determines whether to use the AND and OR operators in searches. These are enabled in search syntax by default.</p> <ul style="list-style-type: none"> • To block the use of the AND and OR operators, set the value to 1. • To use ANDs and ORs without parentheses, set the value to 2. <p>Default: 2</p>
com.fortify. tools.iidmigrator.scheme	<p>Set this property to migrate instance IDs created with different versions of Fortify Static Code Analyzer using a custom matching scheme. This is generally handled by Fortify Static Code Analyzer. If you need a custom matching scheme, contact Micro Focus Fortify Customer Support.</p> <p>Default: none</p>
com.fortify. visualstudio.vm.args	<p>Specifies JVM options.</p> <p>Default: -Xmx256m</p>
com.fortify. VS.Debug	<p>If set to true, runs the Fortify Extension for Visual Studio in debug mode.</p> <p>Default: false</p>
com.fortify. VS.DisableCIntegration	<p>If set to true, disables C/C++ build integration in Visual Studio.</p> <p>Default: false</p>
com.fortify. VS.disableMigrationCheck	<p>If set to true, disables instance ID migration checking.</p> <p>Default: false</p>

Property	Details
com.fortify. VS.DisableReferenceLibDirs AndExcludes	If set to <code>true</code> , disables using references added to a project. Default: <code>false</code>
com.fortify. VS.ListProjectProperties	If set to <code>true</code> , lists the Visual Studio project properties in a log file. Default: <code>false</code>
com.fortify. VS.NETFrameworkRoot	Specifies the file path to the .NET Framework root. Default: <code>none</code>
com.fortify. WorkingDirectory	Specifies the working directory that contains all user configuration and working files for all Fortify Static Code Analyzer components. To configure this property, you must have write access to the directory. Default: <code>\${win32.LocalAppdata}/Fortify</code>

TFS Configuration Property

The `TFSconfiguration.properties` file is in the Fortify working directory in the `config\VS<vs_version>-<sca_version>` directory.

Note: The `TFSconfiguration.properties` file is created only after the first time you configure a connection to your Team Foundation Server/Azure DevOps Server from the Fortify Extension for Visual Studio.

The following property is in the `TFSconfiguration.properties` file:

`server.url`

Details: Specifies the Team Foundation Server or Azure DevOps Server location.

Default: `none`

Chapter 3: Shared Properties

This chapter describes the properties shared by Micro Focus Fortify Static Code Analyzer command-line tools, standalone applications, and plugins.

This section contains the following topics:

- [Server Properties](#) 30
- [Command-Line Tools Properties](#) 32

Server Properties

Because some of the values in this file are encrypted (such as proxy user name and password), you must use the `scapostinstall` tool to configure these properties. For information about how to use the `scapostinstall` tool, see the *Micro Focus Fortify Static Code Analyzer User Guide*.

Other properties are updated using command-line tools, standalone applications (such as Fortify Audit Workbench), and remediation plugins. Fortify recommends that you use these tools to edit the properties in this file instead of editing the file manually.

The following table describes the properties in the `<scinstall_dir>/Core/config/server.properties` file.

Property	Details
<code>autoupgrade.server</code>	Specifies the Fortify Static Code Analyzer and Applications automatic update server. This enables users to check for new versions of the Fortify Static Code Analyzer and Applications installer on a web server and run the installer if an update is available. Default: <code>http://localhost:8180/ssc/update-site/installers</code>
<code>install.auto.upgrade</code>	If set to <code>true</code> , enables Fortify Audit Workbench automatic update feature. Default: <code>false</code>
<code>oneproxy.http.proxy.port</code>	Specifies the proxy server port to access bug trackers. Default: <code>none</code>
<code>oneproxy.http.proxy.server</code>	Specifies the proxy server name to access bug trackers. Default: <code>none</code>

Property	Details
oneproxy.https.proxy.port	Specifies the proxy server port to access bug trackers through an SSL connection. Default: none
oneproxy.https.proxy.server	Specifies the proxy server name to access bug trackers through an SSL connection. Default: none
rp.update.from.manager	If set to true, updates security content from the Fortify Software Security Center instead of from the Fortify Rulepack update server. Default: false
rulepack.auto.update	If set to true, updates security content automatically. Default: false
rulepack.days	Specifies the interval (in days) between security content updates. Default: 15
rulepackupdate.proxy.port	Specifies the proxy server port to access the Fortify Rulepack update server (uploadclient.proxy.port is used if rp.update.from.manager is set to true). Default: none
rulepackupdate.proxy.server	Specifies proxy server name to access the Fortify Rulepack update server (uploadclient.proxy.server is used if rp.update.from.manager is set to true). Default: none
rulepackupdate.server	Specifies the Fortify Rulepack update server location. Default: https://update.fortify.com
uploadclient.proxy.port	Specifies the proxy server port to access the Fortify Software Security Center server. Default: none
uploadclient.proxy.server	Specifies the proxy server name to access the Fortify Software Security Center server. Default: none

Property	Details
uploadclient.server	Specifies the URL of the Fortify Software Security Center server. Default: http://localhost:8180/ssc

Command-Line Tools Properties

The following table describes the properties in the `<sca_install_dir>/Core/config/fortify.properties` file that are used by the command-line tools.

Property	Details
com.fortify.log.console	Specifies whether logging messages are written to the console. Logging information is always written to the log file. Default: true

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Feedback on Properties Reference Guide (Fortify Static Code Analyzer Tools 20.1.0)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to FortifyDocTeam@microfocus.com.

We appreciate your feedback!