

Should minified JavaScript code be scanned



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Question

Should I scan minified JavaScript code?

Answer

If you have the non-minified version of the JavaScript files, scan the non-minified version instead of the minified version. If you only have the minified version of the code, you'll have to scan the minified version. According to Fortify technical support, "Minified-js will greatly increase scan times, and some times lead to less thorough results due to the scanner running out of memory and moving past the path it was following."

You can exclude the minified versions from the scan by adding the following to the command line:

```
-exclude *.min.js
```

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

- Select the HPE Fortify->Options menu item
- Select the "Enable Project Specific Settings" item
- Click on the "Advanced Scan Options" Tab
- Select the "Use additional SCA arguments" checkbox
- Enter `--exclude *.min.js` in the "Translate" text box

If you exclude the minified versions of JavaScript files, include a Readme file with your V&V code review package that indicates which files were excluded and why. In this case, explain that the non-minified versions were scanned, so the minified versions were excluded based on the SwA team's recommendation.

References

- Email from Fortify technical support

HPE Fortify Version	4.40 and later
Programming Language	<input type="checkbox"/> C/C++ <input type="checkbox"/> .NET <input type="checkbox"/> Java <input type="checkbox"/> Objective-C <input checked="" type="checkbox"/> Other
Fortify Audit Workbench	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Fortify IDE Plugin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other Fortify Component	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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