Sage 300 Web Screens SDK

JavaScript Minification

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1. Overview

JavaScript Minification is a process to compress the size of JavaScript files by stripping the contents of all formatting, whitespace, comments, and other unnecessary data. In this optimization process, variable and function names are changed and shortened. Since web browsers do not care about readability, using minified JavaScript files can lead to performance improvements and increased code obfuscation.

Starting with Sage 300 2018.2, Sage 300 deploys minified JavaScript for the Sage 300 Web Screens.

With this change, the ***RegisterBundles*** routine of the ***BundleRegistration*** class in the Sage Web projects were modified to use ***Bundle*** instead of ***ScriptBundle***. This is because *ScriptBundle* represents a bundle and will minify the bundle before it is packaged. Performing Minification on already minified files may lead to unexpected behavior.

Therefore, partners should use *Bundle* and not *ScriptBundle* in their registration routine if Minification is performed.

This does not apply to Customization JavaScript files as those files are not minified.

As of Sage 300 2018.2, the minification process is now handled by the MergeISVProject.exe application. Manual steps to minify javascript are no longer necessary.