

Convoluting if statements are often the reason why code written by beginners is hard to understand, and beginners might not even realize there are other options for writing functionally identical code. Existing code manipulation tools for C# do not focus on beginners. Their main focus is on saving time one would spend manually modifying the code. We developed an extension for Visual Studio and C# that presents the user with concrete small-sized refactoring options and recommends which ones to apply. The extension also helps the user understand the refactors through code highlighting in both the old and the previewed refactored code. The extension allows the user to weigh the changes themselves and decide if they are worth it. If they follow our recommendations, this results in more easily understandable and more maintainable code.