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I will conduct a Literature Review of deep learning methods of sentence simplification with an focus on work being done to ease understanding of a text by a non-native speaker. This literature review will hopefully provide insight into how to approach an issue that I have encountered in my daily work. A consideration when working together with international co-workers (I work at Toyota) is making sure that your presentations and documents can be easily understood by a non-native speaker (avoiding: uncommon words, turn of phrase, complicated sentence structure).

I also have a proposed system solution that would consist of two pieces:

1. Translate the sentence to the target language and back to the source (some indication of ease of translation) and then comparing the two sentences (original and translated) using something like Word2Vec.
2. Offering a "simpler" sentence that still contains the same meaning.

I hope to gain insight into both of these pieces through this literature review project with the hope of eventually implementing the full system as either a paper or at least a proof of concept.