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## Request for Guidance on JavaScript-to-C++ Transpiler Project

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**From** Simon Bandiera <sb2440@kent.ac.uk>

**Date** Tue 6/17/2025 4:44 PM

**To** Michael Vollmer <M.Vollmer@kent.ac.uk>

Hello Michael,

I hope you're doing well.

My name is Simon Bandiera, I'm a French exchange student currently finishing my MSc in AI at the University of Kent. I'm reaching out regarding my end of study project of my French studies that I'm doing at Epitech. With 2 others students, I've been working on building a transpiler from JavaScript to C++. We began the project last September and have since implemented most of the ECMAScript 5.1 specification (link). We have for objective to keep the simplicity of high-level programming but still have performance equal to low-level languages.

As part of the project requirements, we are encouraged to seek feedback from professionals in related fields. Based on your University of Kent profile, we thought you might be interested in taking a look at our work and potentially offering some feedback or suggestions for improvement.

The project is fully open-source, and you can find the main repository here:

- <https://github.com/JS-CMP/JS-CMP>

We also have related components in our GitHub organization:

- <https://github.com/JS-CMP/>

And an early POC website (still in development):

- <https://js-cmp.github.io/web/>

If you're open to a brief exchange, either in person (if you're still at the university) or via email/Teams, we would be very grateful for your insights.

Thank you for your time ,

Simon Bandiera