



Outlook

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

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À partir de Simon Bandiera <sb2440@kent.ac.uk>

Date Mar 17/06/2025 16:26

À Mark Batty <M.J.Batty@kent.ac.uk>

Cc Hugo Galan <hg310@kent.ac.uk>

Hello Mark,

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).

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



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**Re: Request for Guidance on JavaScript-to-C++ Transpiler Project**

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À partir de Mark Batty <M.J.Batty@kent.ac.uk>

Date Ven 20/06/2025 11:06

À Simon Bandiera <sb2440@kent.ac.uk>

Cc Mark Batty <M.J.Batty@kent.ac.uk>; Hugo Galan <hg310@kent.ac.uk>

Hi Simon,

I am happy to do this. Preferably in person. Next week? Can you explain in more detail what you need?

Best,  
Mark

> On 17 Jun 2025, at 15:26, Simon Bandiera <sb2440@kent.ac.uk> wrote:

>

> Hello Mark,

>

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> - <https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2FJS-CMP%2FJS-CMP&data=05%7C02%7Chg310%40kent.ac.uk%7Cba0edba118d442f4973d08ddafd9b3f9%7C51a9fa563f32449aa7213e3f49aa5e9a%7C0%7C0%7C638860071733500826%7CUnknown%7CTWFPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOilwLjAuMDAwMCIsIAiOiJXaW4zMilslkFOljoiTWFpbCIsIldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=rMcARPaZVd0f71co7cZbaizHj6N9jwANJ9mKjGp6UA4%3D&reserved=0>

> We also have related components in our GitHub organization:

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[cmp.github.io%2Fweb%2F&data=05%7C02%7Chg310%40kent.ac.uk%7Cba0edba118d442f4973d08ddafd9b3f9%7C51a9fa563f32449aa7213e3f49aa5e9a%7C0%7C0%7C638860071733551302%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIlwLjAuMDAwMCIsIlAiOiJXaW4zMilslkFOljoitWFPbClslldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=i6Pcn45FggaG%2BBj4hmbozfS2t%2F8laRRZTpUkygxiqsl%3D&reserved=0](https://cmp.github.io%2Fweb%2F&data=05%7C02%7Chg310%40kent.ac.uk%7Cba0edba118d442f4973d08ddafd9b3f9%7C51a9fa563f32449aa7213e3f49aa5e9a%7C0%7C0%7C638860071733551302%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIlwLjAuMDAwMCIsIlAiOiJXaW4zMilslkFOljoitWFPbClslldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=i6Pcn45FggaG%2BBj4hmbozfS2t%2F8laRRZTpUkygxiqsl%3D&reserved=0)

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> Simon Bandiera