# State of Diversity in Ethereum Interview

I'm Nadia Gonzalez Fernandez, a master's student at the University of Montreal under the supervision of Professor Benoit Baudry. My thesis work focuses on software diversity.

I am currently conducting a study on how software diversity is enforced into the pipeline of Ethereum clients and their developers' culture, from the code to the coordination of different developer teams. The objective is to shed light on the benefits and importance of software diversity, as well as on the technical and cultural challenges to letting it happen.

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## Background

1. When did you start studying/working on blockchain? Why did you start?

2. In which projects/areas have you worked in the company? What are your current responsibilities? What is the size of your team?

## Ethereum Client Diversity

1. What do you know about software diversity? Is this a recurring topic in your environment?

2. Why start the development of a novel Ethereum client?

3. Why did you choose this specific programming language for your Ethereum client?

4. How often do you refer to the Yellow Paper as a reference.

5. Do you believe software diversity adds to the reliability and security of Ethereum?

6. In your opinion, what are the challenges in maintaining software diversity? (Costs, bugs...)

7. How much information do you share with other clients' development teams? Do you share design patterns, architecture? Is there communication among the different projects?

8. How do you sustain the business for your Ethereum client? If there is competition doing the same thing, how do you make it sustainable and profitable?

9. How do you encourage users to run your Ethereum client, while also encouraging them to contribute to diversity? In the case of your client having a majority in the network, how would you handle it?