Mercedes-Benz
Research & Development
North America, Inc.
A Daimler Company

# Software Engineer
# UI Software Development Team

## Interview Homework Challenge

Dear candidate,

Thank you for your interest in MBRDNA!

This challenge is intended as an open-ended exercise for us to get a better understanding of your technical skills. This will give you an opportunity to demonstrate your overall creativity, your ability to architect software in a small project, and show how you clearly document and explain your work.

There is no time limit for this exercise and you are free to use any resources at your disposal, but please make sure to note if significant portions of your solution are from other projects (e.g. open source).

Challenge:

- The task for this challenge is to read the Linux CPU information from `/proc/cpuinfo` and display it using QML.

- The data visualization, including UI layout and design, is up to you—be creative!

- The solution must run on a standard Linux system, preferably Ubuntu, and should be written using Qt C++ to read the system information and Qt Quick (not QWidget) to display the data. Qt version should be at least Qt 5.4.

- Please provide some basic documentation on how to run your application, and document the project assuming you are in a software development team where others need to enhance and extend your project.

- It's OK if you haven't used Qt before, just make a note of this when you submit your solution.

When you have completed your solution, please upload your project to GitHub and send your recruiter a link for the team to review.

Thanks, and good luck!

UISW Team

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