

## Documentation of the Qt-Project "Homework Task - CPU Info"

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### Notes:

- This is my first work with Qt/QML. Please consider this when evaluating this project.
- The background file was taken from <https://pixabay.com/en/texture-background-design-layer-954897/> (license: CC0 Public Domain)
- The programm was build using Qt 5.7.0
- Minumum requirements: Qt 5.4
- Parts of the QML-code (e.g. the ListView and the Delegate) are based on examples given in the tutorial "Qt5 Cadaques, Release 2015-03" by JRyannel and Jthelin (<https://qmlbook.github.io/>, licensed under a Creative Commons Attribution-NonCommercial 4.0)

### Run the Application

- From QtCreator: Open the project or create a new project and import all files listed in "ProjectStructure.pdf". Build and run application.
- Without QtCreator: under Linux, run the application `./build-CPUinfoReader-Desktop_Qt_5_7_0_GCC_64bit-Debug/CPUinfoReader`. Note that this is not a static build: Please make sure that all necessary Qt-Libraries are installed on your system.

### Description of Main Task:

- read the Linux CPU information from `/proc/cpuinfo` using Qt C++
- display the information using QML / QtQuick (not QWidget)
- use Qt 5.4 or later
- provide documentation
- upload to GitHub and send link to recruiter

### Additional Documents:

- Backlog: see "ProductBackLog.pdf"
- User View: see "ProductBackLog.pdf"
- Design: see "Design.pdf"
- Project Structure: see "ProjectStructure.pdf"
- Testing: see "Testing.pdf"