

## **openMMC: An Open Source Modular MMC Firmware**

*Thursday 7 December 2017 11:00 (15 minutes)*

openMMC is a hardware independent open source MMC firmware under development at the Brazilian Synchrotron Light Laboratory (LNLS/Sirius). It has a modular structure focusing on the decoupling between application, board and microcontroller-specific routines. The firmware runs on the FreeRTOS operating system, over which each monitoring function runs its own independent task. This work will give an overview of the openMMC project, its current status and avenues for future extensions and improvements.

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