

# iocafe

open source IoT/IO device communication

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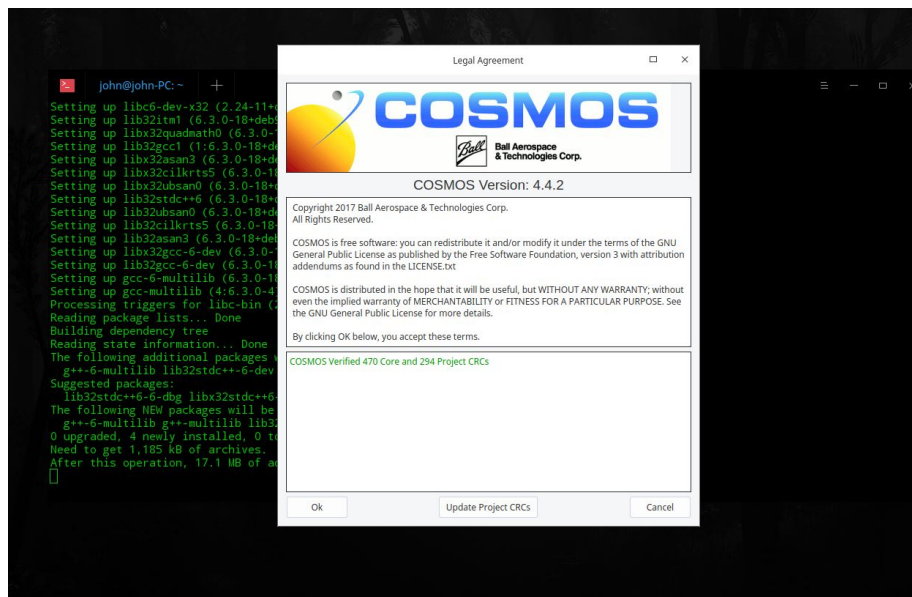
## Installing NASA Core Flight System and OpenSatKit to Virtual Machine

To utilize iocom in Satellite software development, abstraction of satellite hardware can be achieved using for example Open Source Core Flight System.

There is Open Source package OpenSatKit which has also ground system Cosmos and satellite simulator 42 and it has for testing LEO CubeSat SimSat.

OpenSatKit can be easily installed to older iocom deepin virtual machine, which has Qt 4 in distro. Newer iocom virtual machine has newer Qt 5 in distro and installation of Cosmos is not possible without manual installation of Qt 4.

Installing OpenSatKit to iocom virtual machine enables easy integration with both software packages to more powerful development of satellite software.



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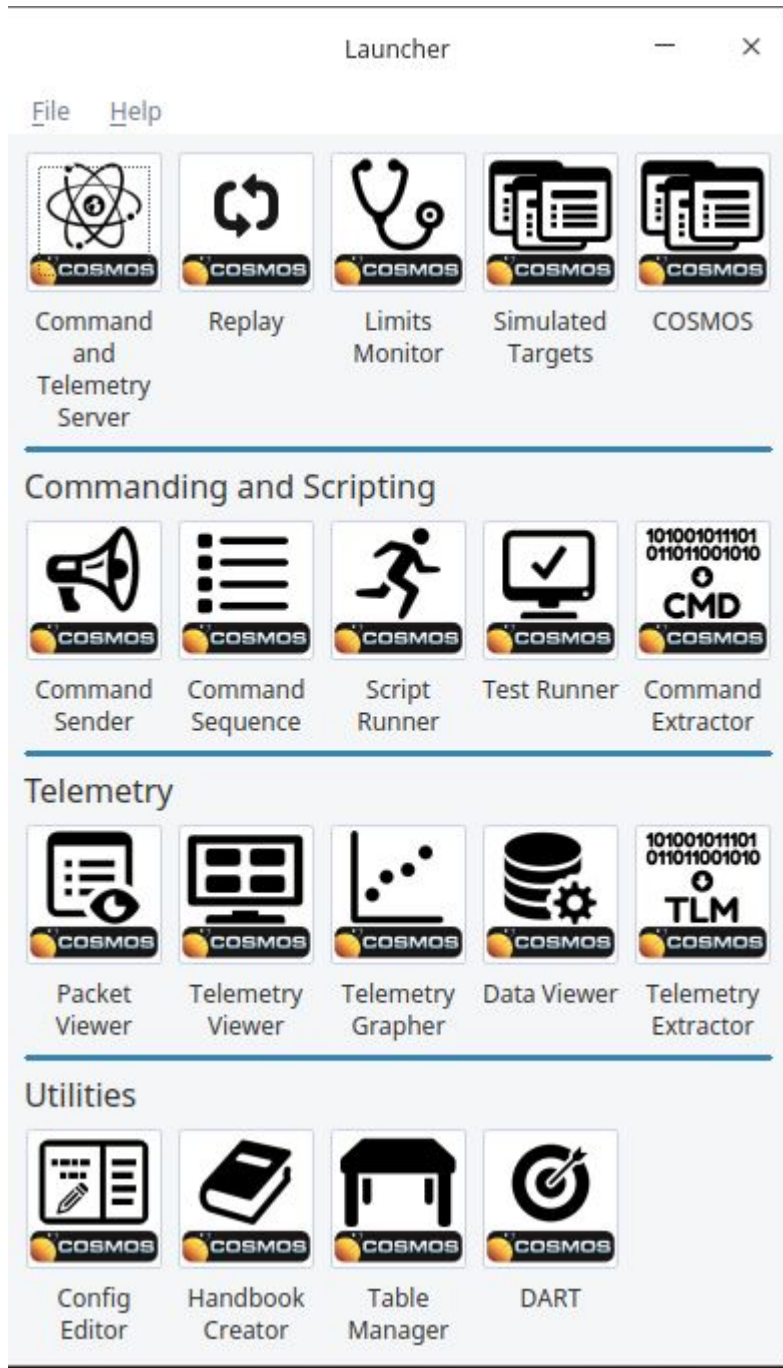
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Markku Nissinen July 29, 2020 Uncategorized

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