

MARTe2 Users Meeting

A. Neto, F. Sartori and G. Manduchi May 2019

Objectives of the meeting



- Demonstrate the MARTe2 framework features
 - A framework for integration!
- Highlight the main differences between the MARTe1 and MARTe2 frameworks
- Find synergies with-in the community for further developments and contributions

Organisation



- Presentations
 - Main ideas and justification for main technical decisions
 - Top-down
 - Easier to understand concepts ...
 - ... but please be patient some concepts will have to be assumed until later presentations
- Hands-on
 - Exercises and ideas that allow to play with what was shown during the presentations
 - Limited time
 - Followed by group QA
- Hardware demos
 - Demonstrations that require hardware

Hands-on



Divided in groups supported by a mentor

| Neto | Sartori | Manduchi | Ferro | Porzio | Boncagni |
|---------------------|--|---|---|--|---------------------------------------|
| Baldris Cindric | FerronMoro | StillermanStuart | GospodarczykHavránek | • Nobili • Ruiz | • Cruz • Giacchini |
| • Gameiro • Knap | VarasRigoni | ValhondoZanon | Marti R.Piron | TaliercioVitale | LeoneMeyer |
| | | | | | |

Resources



- MARTe2 User Documentation
- MARTe2 core source
- MARTe2 components source (branch OPCUA)
- MARTe2 demo Padova source
- MARTe2 core doxygen
- MARTe2 components doxygen
- <u>Eclipse configuration</u> (not mandatory)
- Make sure that you either use the provided Docker or that you have a linux VM configured as described here.
- In particular make sure that you setup all the environment variables correctly and that these are available on all consoles (e.g. place them in a file named /etc/profile.d/marte2-exports.sh).



Thank you for your attention

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