

## MARTe2-core - User story #1372

### MARTe2-tutorials common application description + EPICSv7 example

20.12.2022 10:52 - André Neto

<b>Status:</b> New	<b>Start date:</b> 17.11.2022
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 50%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Spent time:</b> 0.00 hour
<b>Git branch (link):</b>	<b>SVN commit (link/?p=rev):</b>
<b>Git merge to develop (link):</b>	
<b>Description</b> Describe in the Sphinx documentation the application structure that is common to all the tutorials.  Please explain the role of each component in detail with links to the MARTe2-components documentation.  Add first application example for the EPICSv7 based application.  The original Padova power points and images are attached.  The same git branch (1332) can be used for this work.	

#### History

##### #1 - 20.12.2022 10:52 - André Neto

- File 10. MARTe2\_Demo\_Intro.pptx added
- File 11. MARTe2\_Demo\_EPICSv7.pptx added
- File Drawing84-PLC.vsd added
- File Drawing84-CRIO-STM.vsd added
- File Drawing84 (002).vsd added

##### #2 - 10.01.2023 12:17 - Jose Maria Gomez

Story divided into different tasks:

- 1- Understand in detail the way Control Systems are implemented in MARTe2 - check graphs in 10. MARTe2\_Demo\_Intro.pptx slides
- 2- Understand in detail the structure common to all tutorials
- 3- Understand in detail the structure specific for Padova training
- 4- Explain the EPICSv7 example

Useful links:

- Link to SSM GAM in MARTe2 componenets: <https://vcis-gitlab.f4e.europa.eu/aneto/MARTe2-components/-/tree/master/Source/Components/GAMs/SSMGAM>
- Link to specific GAMS for the Padova training: <https://vcis-gitlab.f4e.europa.eu/aneto/MARTe2-demos-padova/-/tree/master/GAMs>
- Link to:
  - General documentation about the Padova training: <https://sites.google.com/view/marte2usersmeeting/home>
  - SSMGAM documentation: [https://vcis-jenkins.f4e.europa.eu/job/MARTe2-Components-docs-master/doxygen/classMARTe\\_1\\_1SSMGAM.html](https://vcis-jenkins.f4e.europa.eu/job/MARTe2-Components-docs-master/doxygen/classMARTe_1_1SSMGAM.html)

##### #3 - 11.03.2025 13:08 - André Neto

- Status changed from Code: Impl to New

##### #4 - 11.03.2025 13:08 - André Neto

- Assignee deleted (Jose Maria Gomez)

#### Files

Drawing84 (002).vsd

50 KB

20.12.2022

André Neto

Drawing84-PLC.vsd	274 KB	20.12.2022	André Neto
Drawing84-CRIO-STM.vsd	2.3 MB	20.12.2022	André Neto
11. MARTe2_Demo_EPICSv7.pptx	1.77 MB	20.12.2022	André Neto
10. MARTe2_Demo_Intro.pptx	959 KB	20.12.2022	André Neto