RÉPUBLIQUE FRANÇAISE
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cnes
CENTRE NATIONAL D'ÉTUDES SPATIALES

04 – KOSMUNITY & TRAINING RESOURCES

WHAT HAVE WE DONE IN 2026?

THOMAS DELMAS (CNES)

KOSMOS DAY 2026 - 24/09/2026

KOSMOS NEWSLETTER

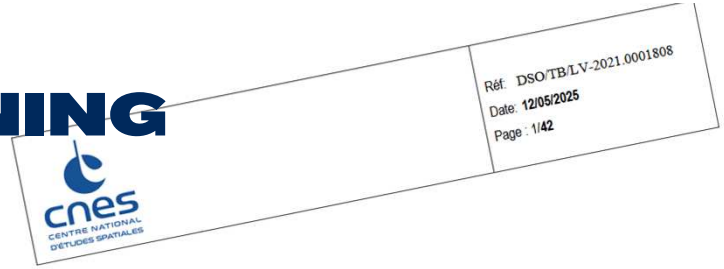
- 3 to 4 per year
- Distributed to all KOSMUNITY
- Available on KOSMOS Confluence
- 4 goals:
  - Latest news
  - KOSMOS Changelog
  - User Spotlight
  - Focus on Flight Software ecosystem



More info : cnes.fr/projets/kosmos

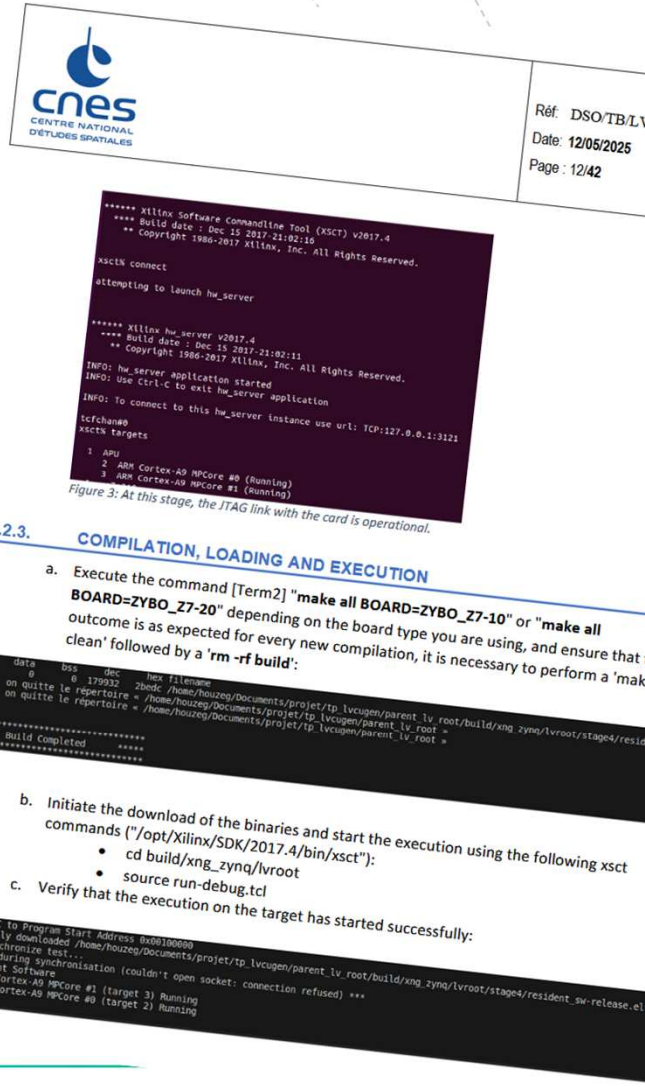
KOSMOS TRAINING

- Upgraded version of KOSMOS practical training session
  - A session, led by Atos, to be organized for the end of the year
  - 24 & 25 of November
- Production of user-oriented tutos for:
  - Adding HKTM to pre-existing partition
  - Adding a LithOS process to pre-existing partition
  - Adding a PUS service to pre-existing partition
  - Etc.



KOSMOS TRAINING

KOSMOS Flight software



(UPCOMING) KOSMOS MOOC

The KOSMOS MOOC aims to serve as an introduction to:

- The world of spaceflight software
- KOSMOS technology and its fundamental principles
- Operating a KOSMOS-based spacecraft

The target audience consists of:

- New KOSMOS users (whether or not they are familiar with the space sector)
- Interns
- Work-study trainees
- Etc.

Prerequisites:

Participants are familiar with the basic concepts of embedded software and embedded systems

The MOOC is in english

Module Duration	Title
5’	Module 01: Introduction
15’	Module 02: What is FSW?
10’	Module 03: History of KOSMOS
15’	Module 04: Key concepts
5’	Module 05: An overview of KOSMOS and LVROOT
5’	Module 06: BSW IOS partition
5’	Module 07: BSW MMDL partition
5’	Module 08: BSW HSEM partition

Module Duration	Title
5’	Module 09: libPUS
5’	Module 10: CCDK partition
5’	Module 11: APPDKPUS partition
15’	Module 12: Tooling
15’	Module 13: How to start
5’	Module 14: Future challenges
5’	Module 15: Licensing