

European Science Cluster of Astronomy & Particle physics ESFRI research Infrastructures





Work Organisation

Tasks formulate main objectives

Focus groups for day-to-day work

- Focus group 1: Collecting Software requirements (related to Task 3.2)
- Focus group 2: Technical implementation of the repository (related to Task 3.5)
- Focus group 3: Innovative workflows (related to Task 3.4)
- Focus group 4: Distributed computing currently dormant

Focus group 5: Common approaches to CORSIKA (related to Task 3.3)

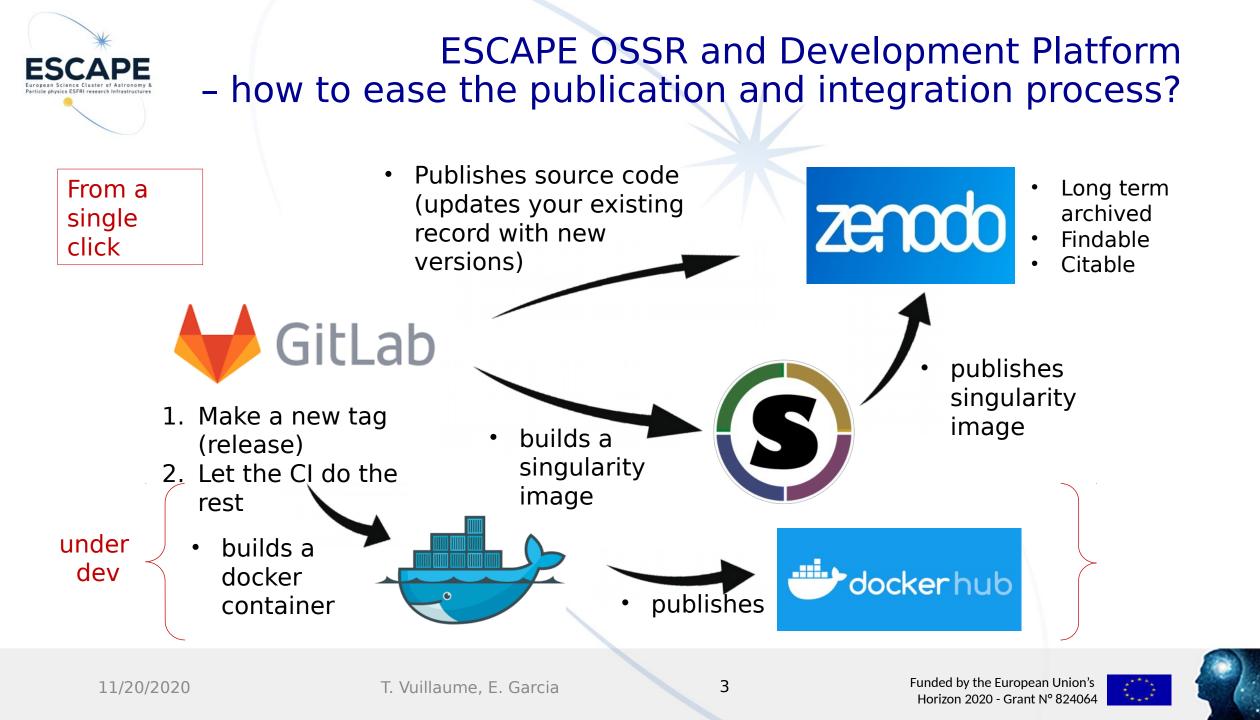
Regular meetings, follow at <u>https://indico.in2p3.fr/category/844/</u>

Cross-WG meetings, e.g. in the WP4 tech forum and WP5 tech meetings



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Example project: The Crab bundle

The Crab multi-instrument gamma-ray analysis with MAGIC, VERITAS, FACT and H.E.S.S. https://zenodo.org/record/2381863#.XkxcD5NKhhA

license https://github.com/open-gamma-ray-astro/joint-crab/tree/v0.1

December 18, 2018	Software Open Access Files (10.1 MB)						License (for files):
The joint-crab bundle		141	12 Name		Size		
C. Nigro; C. Deil; R. Zanin; T. Hassan; J. King; J.E. Ruiz; L. Saha; R. Terrier; K. Bruegg Aleksic; C. Boisson; J.L. Contreras; A. Donath; L. Jouvin; N. Kelley-Hoskins; B. Khelif			uowillodus	amma-ray-astro/joint-crab-v0.1.zip d7fed91c53f54a96e32945e764665 O	10.1 MB	iew A Download	Versions
This joint-crab bundle allows for a first reproducible multi-instrument gamma- the prototypical DL3 data format and the open-source Gammapy software package FACT, and H.E.S.S. Crab nebula observations.			67	Citations (1)		~	Version v0.1 Dec 18, 2018 10.5281/zenodo 2381863
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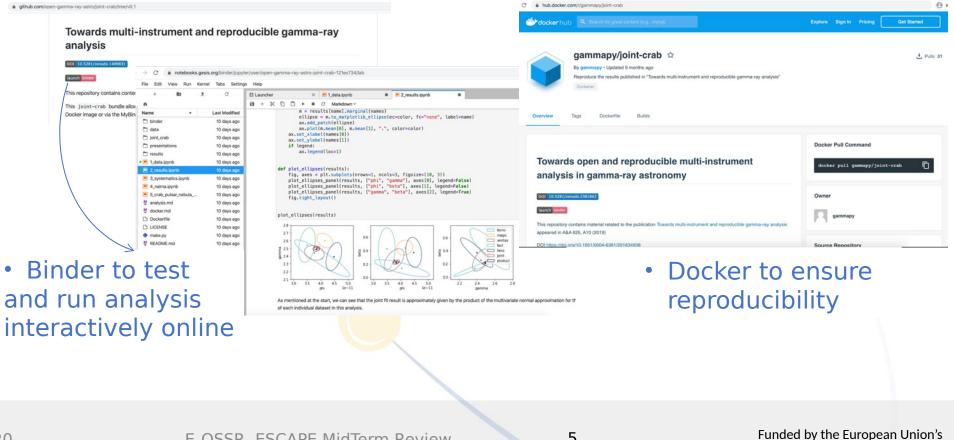




Example project: The Crab bundle

Horizon 2020 - Grant Nº 824064

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Working Phase – T3.5

Task 3.5 - Repository Implementation and Deployment – T. Vuillaume (CNRS-LAPP):

partner feedback for the repository gathered;

preliminary design of the repository and the definition of technical solutions for its implementation

efirst prototype set up for internal use, webinar held on usage

Prototype development platform: <u>Gitlab instance</u> Prototype repository: Zonodo Community

