



# ESCAPE

European Science Cluster of Astronomy &  
Particle physics ESFRI research Infrastructures

## WP3 – ESCAPE OSSR

Policy, onboarding and curation process,  
now and after

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# Plan

- Current onboarding process
  - How to improve it
  - Records adequacy to policy changes
- Policy
  - Computing environment
  - FAIR principles and requirements enforcement
- The future of OSSR
  - Onboarding and curation process
  - Evolution of the OSSR



# Current process

## ● See

- ossr-pages: <https://escape2020.pages.in2p3.fr/wp3/ossr-pages/>
- Jutta's summary and minutes: <https://indico.in2p3.fr/event/25282/>

Two open requests at the moment:

- <https://zenodo.org/record/5592836#.YaDCVvHML0o>
- <https://zenodo.org/record/5549470#.YaDCWPHML0o>



# Improve that process without policy changes

- Final acceptance by a single curator in Zenodo (technical limitation)
- Still, curation could (should) be a common effort
  1. Set-up a group of WP3 curators
  2. Curation process, two ways:
    - They all have a look to the code and checklist (during and after onboarding process)
      - give feedback by email to me who contact back the authors if needed
      - once green light --> I accept the software in the escape2020 community
    - Automatised way through **open reviews**
      - Use Zenodo and GitLab API
      - GitLab CI checks for new addition requests to the OSSR
      - If any, open a merge request for each new record, with all information to that record
      - Review happens openly in that merge request (benefiting from all the nice process provided by gitlab = discuss, assignments, minimum numbers of approval... )
      - Once accepted, merge request is closed – CI automatically accepts the record in the OSSR
      - Working POC under dev

My proposal: Do 1. right now for the open requests





# Policy changes

- What to do with software in the OSSR that were added before we file our current policy and don't comply with it?
- What happens when our policy evolves?



# Policy changes: Computing environment

- Providing an environment
    - Not in our official requirements ! (point raised during ESAP call)
    - Note: I think for **most recent records**, it was more or less checked (?)
  - It should be in the requirements in order to provide FAIR software
  - problem: what is a valid requirement file?
    - There are many ways, which are language dependent
    - If a env file is provided, shall we check for its validity?
    - To what extend should it be accurate? (fixing all dependencies exact versions?)
- >> The responsibility of providing a working environment should fall back to the software provider (can/should we help?)
- >> **WE** should provide guidelines of what is a good environment in general (or limit ourselves to docker and provide docker recipe guidelines)



# Policy changes: enforce requirements?

- Should all records (software and datasets) in the OSSR meet the FAIR principles?
  - Findable
  - Accessible ? – yes if we strictly refuse embargoed or closed records
  - Interoperable
  - Reusable

