



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

OSSR on boarding (summary)

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OSSR on boarding

1. Clone/Fork the ESCAPE template repository
https://gitlab.in2p3.fr/escape2020/escape/template_project_escape
2. Create a new project in your favourite dev platform
3. Add the basic information to your project
 1. Source code
 2. License
 3. setup / installation file
 4. Environment.yml ...
 5. Metadata file
4. Create a container of your project (Optional. Next slide)
5. Deploy to Zenodo (next slide)



OSSR on boarding. Containerization

4. Create a container of your project using the CI pipeline
 1. Create and add a Singularity receipt
 2. Import the correspondent library (depends on the dev platform you are using) : <https://github.com/singularityhub/singularity-ci>
 1. For GitLab instances fork/clone the ESCAPE template (`.gitlab-ci.yml` file and the `.gitlabci` directory)
 2. Configure the `.gitlab-ci.yml` file (the stage using the `.gitlabci` directory)
 3. Step 4 is optional ! Can be skipped if you don't to create/upload a container to Zenodo



OSSR on boarding. Zenodo deployment

5. Deploy to Zenodo

1. Fork/clone from the ESCAPE template the `.zenodoci` directory
 1. Add/adapt the `repository_information.json` file
 2. Have a look and get familiarized with the files;
 1. `upload_new_deposit.py`
 2. `upload_new_version_deposit.py`
 3. And how to upload an entry to Zenodo.
 3. Configure the `.gitlab-ci.yml` file (the stage using the `.zenodoci` directory)
2. Go to (sandbox.)zenodo and create a personal access token (**MASKED IT !**)
 1. Add the access token into your repository as an env variable
 1. GitLab Repository → Configuration → CI/CD → variables
3. Create a release !

