

# Muon Collider meeting

## Software and infrastructure status

P. Andreetto, A. Gianelle

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# Status of the release (1)

First official release is available:

- Frozen geometry: detector-simulator v01-00(-MC)
- Components changed: LCIO, MarlinTrkProcessors, ConformalTracking
- Details in <https://confluence.infn.it/display/muoncollider/Releases+notes#Releasesnotes-v02-03-MC>

Docker container published in dockerhub:

<https://hub.docker.com/r/infnpd/mucoll-ilc-framework>

# Status of the release (2)

## Errors reported:

- Wrong hard-coded paths for geometry description in configuration files
- Bad default for option `hepmc3.useHepMC3` in `ddsim`
- Exception from `ddsim`:

```
G4DecayTable::SelectADecayChannel :: no possible DecayChannel      mu+
```

```
----- EEEE ----- G4Exception-START ----- EEEE -----
```

```
*** G4Exception : DECAY003
```

```
    issued by : G4Decay::DoIt
```

```
Can not determine decay channel for mu+
```

```
    mass of dynamic particle: 0.00010566 (GEV)
```

```
    dacay table has 1 entries
```

```
0: BR 1, IsOK? 0, --> e+ + nu_e + anti_nu_mu
```

# Status of the infrastructure (1)

The grid infrastructure is completely configured

Data management and VO management are OK

The Storage Element is storm-fe-archive.cr.cnaf.infn.it:

<https://confluence.infn.it/display/muoncollider/Storage+Element>

The SE contains generated BIB data files

There's an issue about the expiration of the job for the job submission (CNAF people are investigating)

## Status of the infrastructure (2)

The cvmfs at CNAF is up&running but it is not yet possible to upload data

A special configuration (cvmfs gateway) must be setup in order to publish the container for singularity (CNAF people are working on that)