

IBERGRID



Software Provisioning Infrastructure



CSIC

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



- ❑ Since 2021 new service provider IBERGRID
- ❑ Bidding proposal included a complete redesign of the service
 - ❑ New infrastructure based on Nexus Repository OSS
 - ❑ Release workflow implemented in Jenkins
 - ❑ New public webpages
- ❑ Quality assurance - Full-automated approach
 - ❑ Faster release cycle with higher automation and less manual intervention

Development stage:

❑ Backend

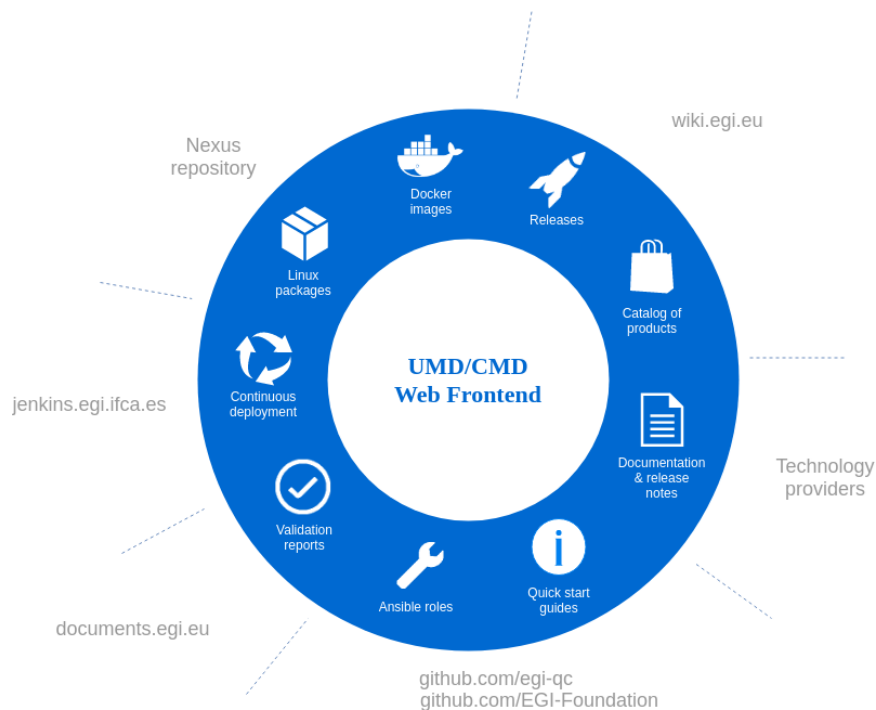
- ❑ A testing instance already deployed and based on Nexus Repository OSS
 - ❑ Support of multiple artifacts for software: rpm, .deb, docker, pip etc
- ❑ Integration tests with Jenkins planned to be started next month

❑ Frontend:

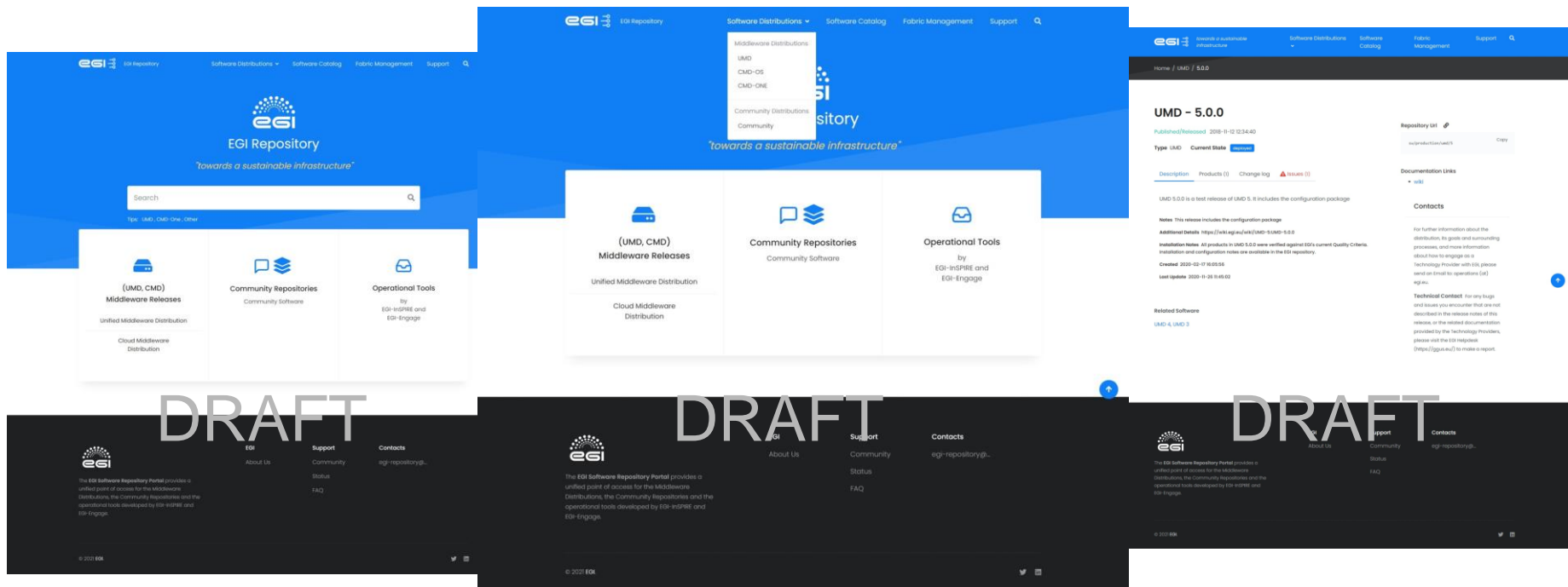
- ❑ Proposed Frontend and unified view
- ❑ Centralize the information making it easier for users to reach and search information about distributed software

Frontend

starting point for users and system administrators for software installation configuration and usage



Frontend: draft view



Current Delivery Plan

- ❑ November 2021
 - ❑ Testing infrastructure (backend + workflow) ready
- ❑ February 2022
 - ❑ Production ready
 - ❑ (UMD-5): Rpm, .deb e docker support
 - ❑ Final proposal of Frontend and Unified View
- ❑ July 2022
 - ❑ First prototype of Unified View
- ❑ September 2022
 - ❑ Production frontend + backend

Questions?