

DIRAC Project status

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- ▶ Status of releases
- ▶ Ongoing developments
- ▶ EGI/FG-DIRAC service
- ▶ Conferences

- ▶ 12 patch releases in the last month
 - ▶ v7r1p47
 - ▶ v7r2p28
 - ▶ v7r3p4
 - ▶ Multiple minor fixes
- ▶ v7r3 release
 - ▶ HTTP protocol support
 - ▶ REST interface replacement ?
 - ▶ Python3 support for the server side
 - ▶ We will have to test python3 servers

- ▶ v8r0-pre4
 - ▶ Python3 only
 - ▶ OAuth2/OIDC AAI, user management
 - ▶ Status
 - ▶ First certification with AAI was performed, no (major) conflicts with the current functionality detected
 - ▶ Next certification hackaton will test the basic AAI functionality
 - Tokens generation
 - Interaction with DIRAC services

- ▶ OAuth/OIDC AuthN/AuthZ (Andrii)
 - ▶ Base features included into v8r0 prerelease
 - ▶ Certification is prepared on the lbcertifdirac70.cern.ch/ host at CERN
 - ▶ Further components are coming
 - ▶ Registry cache
 - ▶ TokenManager
- ▶ COMDIRAC
 - ▶ Passing to Python3 ?

- ▶ Galaxy
 - ▶ Galaxy workflow manager service
 - ▶ <https://marketplace.eosc-portal.eu/services/european-galaxy-server>
 - ▶ TES job submission interface
 - ▶ <https://github.com/ga4gh/task-execution-schemas>
 - ▶ Sites are implementing this interface
 - ▶ DIRAC can play the role of the metascheduler understanding TES resources
- ▶ PEPR cloud (Johan)

- ▶ Running more or less smoothly
 - ▶ Q1+Q2+Q3
 - >8.5M jobs
- ▶ Servers installation
 - ▶ v7r2p25
 - Considering upgrading to v7r3pX
 - ▶ Pilot3
 - ▶ Except ccdiracli01 (still at v7r1)
 - Problem with robot proxy upload – to be sorted out this week: WeNMR client installation upgrade
- ▶ **ccdiracli11** at v7r3p1
 - ▶ Testing FormationFileCatalog with HTTPS access (Paul)
 - Found problems with multiple services sharing the same handler

▶ Elasticsearch

- ▶ With v7r2 everywhere, gradually passing to Components Monitoring with the ES backend
 - ☐ FileCatalog
 - ☐ WMSHistory already working
 - ☐ Next will be central logging and job parameters
- ▶ Kibana dashboard is working
 - ☐ Views in the Web Portal to be created
 - ☐ Help needed
 - ☐ CTA patterns ?

- ▶ VMDIRAC is enabled in the service
 - ▶ Cloud sites configuration is to be revisited
 - ☐ Projects/tenants are changing
 - ☐ Access credentials
 - ☐ Using MarketPlace images requires image selection by metadata, to be implemented
 - ☐ etc
 - ☐ Help needed

- ▶ Other contributions
 - ▶ EGI Conference 19-21 October
 - ▶ DIRAC session proposal (90 mins)
 - ☐ Status
 - ☐ WeNMR + biomed use cases
 - ☐ Demo, new use cases discussion
 - ▶ JCAD submission to be done
 - ▶ Before 30th Sep

- ▶ Urgency for complex workflows paper
 - ▶ Volker's journal
- ▶ Draft paper URL
 - ▶ <https://gitlab.in2p3.fr/DiracIN2P3/TSPaper2017>
- ▶ Effort needed to accomplish it