



d4SCIENCE

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VOs and VREs Operation Activity Report

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**SEVENTH FRAMEWORK PROGRAMME
Research Infrastructures**

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SUMMARY

One of the objectives of the D4Science-II project is to serve very different and challenging scientific scenarios by providing the communities involved in them with innovative research environments. These environments will materialise in (i) a set of *Virtual Research Environments*, i.e. virtual laboratories providing the community they are conceived for with the set of data sources and facilities needed to accomplish their research tasks, and (ii) a set of *Virtual Organisations*, i.e. organised pool of actors and resources of various genre supporting an highly controlled sharing toward the building of Virtual Research Environments. This deliverable document the activities performed to satisfy the requirements of each available Virtual Organization and Virtual Research Environment so as to lead to a fully functional environment which offers all the available functional provided by the D4Science system.

DELIVERABLE DOCUMENTATION

The D4Science-II Ecosystem is expected to satisfy a number of different scenarios that are coming from the community's needs. For satisfying these scenarios a number of Virtual Organisations (VOs) and Virtual Research Environments (VREs) are created. The VOs and VREs that the D4Science-II Knowledge Ecosystem operates as well as their evolution in terms of resources involved and services offered is a consequence of the analysis of the requirements captured by the NA5 identified scenarios.

For each scenario a plan is designed and documented. This deliverable takes advantage of the planning and describes the activities that have been performed in order to satisfy each scenario's plan. The activities are expected to be evolved during the project's lifetime as a consequence of the plan which is updated to satisfy the evolution of the existing VOs and VREs and any new VO or VRE which may be created during the project lifetime for satisfying new scenarios.

Because of this, the deliverable has been implemented through a set of dedicated Wiki pages that will be continuously updated and that are published at

https://service.wiki.d4science-ii.research-infrastructures.eu/service/index.php/VOs_and_VREs_Operation_Activity_Report

These Wiki pages are organised as follows:

- one *main page* reporting the general activities performed independent of the scenario to satisfy and links to the specific activities performed for each scenario and its available VOs and VREs
- The activities for each VO or VRE are documented at the dedicated pages and are linked through the above wiki page.

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