myExperiment makes it really easy for the next generation of scientists to contribute to a pool of scientific workflows, build communities and form relationships. It enables scientists to share, reuse and repurpose workflows, reduce time-to-experiment, share expertise and avoid reinvention.

myExperiment is a collaborative environment where you can safely publish your workflows, share them with friends and groups, and discover the workflows of others. Workflows and packs of digital resources can now be swapped, sorted and searched like photos and videos on the Web.

Unlike Facebook or MySpace, myExperiment really understands researchers’ needs, like full control over sharing, licensing and attribution. iGoogle and Facebook interfaces are provided in addition to the Website, and Web developers can easily bring myExperiment services into any research environment.

Where experimental work flows
myExperiment enables you and your research community to share the digital objects associated with your research. Scientific workflows and collections of objects, called Packs, can now be swapped, sorted and searched like photos and videos on the Web. myExperiment supports the individual scientist on their personal projects forming a distributed community with scientists elsewhere who would otherwise be disconnected, enabling them to share, reuse and repurpose experiments, reduce time-to-experiment, share expertise and avoid reinvention — all in the context of the scholarly knowledge lifecycle. Hence myExperiment is a community social network, a platform for discovering, sharing and using research objects, and a gateway to other publishing environments.

Let’s Experiment Together

The myexperiment.org web site was launched in November 2007 with support for Taverna workflows (see mygrid.org.uk) and has over 1000 users, chiefly in the life sciences. New user communities include chemistry, social statistics and music information retrieval.

In July 2008 we introduced packs, an innovative feature which enables you to group digital objects together — for example, you can collect all the artefacts associated with an experiment, or produce packs of workflows. Packs can be tagged and shared.

Visit www.myexperiment.org to access publicly available content and join our user community.

Social Software for Scientists

Designed for maximum ease of reuse and for community development, all the myExperiment services are accessible through simple RESTful programming interfaces so that Web developers can easily incorporate myExperiment functionality in their own sites and applications. It forms the foundation of the e-laboratory.

The myExperiment Web 2.0 software is designed to make full use of existing services — and also to provide services so that Web developers can easily incorporate myExperiment functionality in their own sites and applications. It forms the foundation of the e-laboratory.

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