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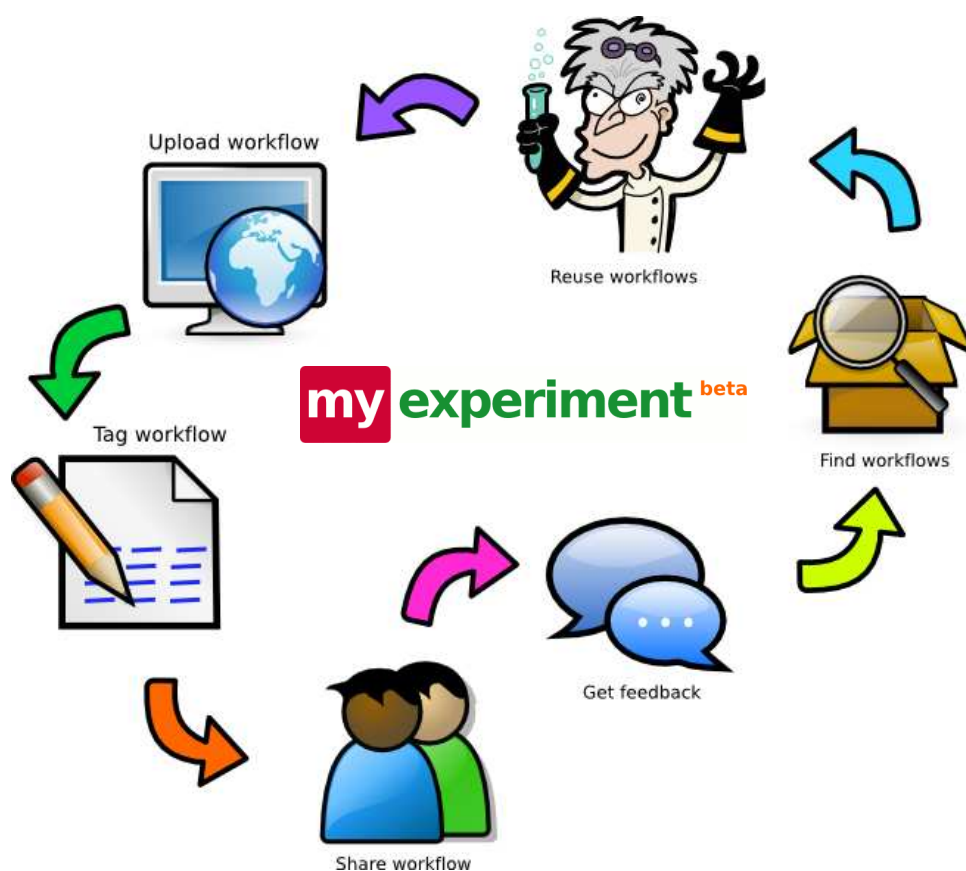
myExperiment makes it really easy for the next generation of scientists to contribute to a pool of scientific workflows, build communities and form relationships. It enables scientists to share, reuse and repurpose workflows and reduce time-to-experiment, share expertise and avoid reinvention.
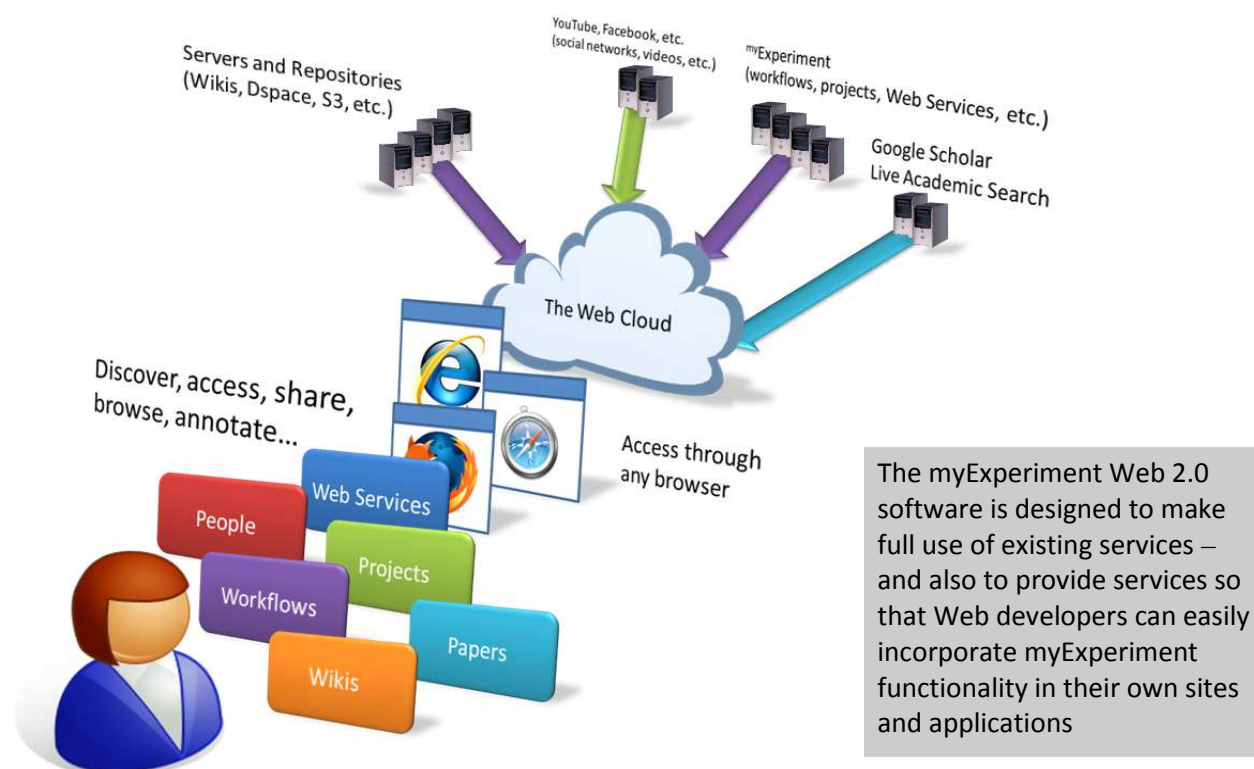
myexperiment.org

myExperiment introduces the concept of a workflow bazaar; a collaborative environment where scientists can safely publish their creations, share them with a wider group and find the workflows of others. Workflows can now be swapped, sorted and searched like photos and videos on the web.

To find out more, take part in trials or help develop the myExperiment Web 2.0 software, see **myexperiment.org**

myexperiment

A Virtual Research Environment for Collaboration and Sharing of Experiments

The myExperiment Virtual Research Environment enables you and your research community to share the digital items associated with your research – in particular, it enables you to share and execute scientific workflows. It 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, to reduce time-to-experiment, share expertise and avoid reinvention – and it does this in the context of the scholarly knowledge lifecycle. Hence myExperiment is a community social network, a market place, a platform for launching workflows and a gateway to other publishing environments.

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

The myExperiment software

The myExperiment Virtual Research Environment project is delivering the Web 2.0 Free Software that powers the **myexperiment.org** web site. The software is downloadable so you can run your own myExperiment instance – perhaps for your own lab or projects – and then connect it up with others if you wish.

Designed for maximum ease of reuse and for community development, all the myExperiment services are accessible through simple programming interfaces so that you can use your existing environment (such as a wiki) and augment it with myExperiment functionality – or build entirely new interfaces and functionality mashups. We believe in *bringing myExperiment to the user*.

How to get involved

The beta of the **myexperiment.org** web site was launched in August 2007. We are currently conducting trials in the life sciences and chemistry domains, extending soon to social science and other disciplines. Forthcoming myExperiment features include Taverna workflow execution, with other workflow engines in the pipeline. We are also introducing *Experiment Objects*, which enable you to group the various digital items associated with an experiment, handling versioning and provenance.

We welcome all forms of participation – whether you want to take part in trials, suggest features, integrate myExperiment with other systems, deploy the software, develop code or contribute content. See **myexperiment.org** for more information.