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Dataverse for citing and sharing research data

Dataverse is an open source web application to share, preserve, cite, explore, and analyze research data. It facilitates making data available to others, and allows you to replicate others' work more easily. Researchers, journals, data authors, publishers, data distributors, and affiliated institutions all receive academic credit and web visibility.

This presentation will elaborate on the Dataverse features available to the open data sharing community.

Summary

A Dataverse repository is the software installation, which then hosts multiple virtual archives. Each archive contains datasets, and each dataset contains descriptive metadata and data files (including documentation and code that accompany the data). As an organizing method, personal archives may also contain other archives.

The central insight behind Dataverse is to automate much of the job of the professional archivist, and to provide services for and to distribute credit to the data creator. Before Dataverse, researchers were forced to choose between receiving credit for their data, by controlling distribution themselves but without long term preservation guarantees, or having long term preservation guarantees, by sending it to a professional archive but without receiving much credit. Dataverse breaks this bad choice: we put a Dataverse (a virtual archive) on your website that has your website's look, feel, branding, and URL, along with an academic citation for the data that gives you full credit and web visibility. Yet, that page of your website is served up by a Dataverse repository, with institutional backing, and long term preservation guarantees.

There are 33 installation of the Dataverse software around the world (https://dataverse.org/). The software is open access and thus free to the research data sharing community. Harvard Dataverse repository opened its doors to the world-wide research data community in 2006 and has available over 5,000 personal archive spaces created by scholars, research projects, Institutions and organizations, preserves for the long-term over 87,000 datasets and stores and makes available over 536,000 files. Installation of the tool spans North America, South America, Europe, and Asian, all managed and maintained by research and library professionals.

Sub-Theme

SMART Research: Services and tools

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