

Integrating a repository with a research database and a National search service

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Abstract

This poster will describe how a centralized research database was integrated with various local repositories, in order to strategically use mandatory registration of research output as a means to populate repositories. Second, this poster will describe how the local repositories are integrated at the end of the workflow, with a common interface for searching and dissemination of content.

In Norway it is mandatory for all academic staff, and doctoral students on university grants, to register their research output in a research database (Frida). On the other hand, depositing theses, dissertations and papers in repositories is voluntary. As a way of getting more content it was decided to attempt to make the researchers and doctoral students to upload their full-text files in the research database. This data was harvested by the appropriate repositories using OAI-PMH.

Although the various repositories can be searched individually or by search engines, a national search service for scientific material including theses and dissertations was established. The name of this search service is Norwegian Open Research Archives. OAI-PMH is used for data harvest.

Norwegian University of Science and Technology is one of the institutions using this approach and this poster will describe our experiences.