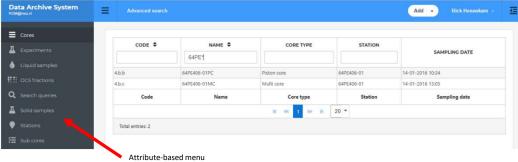


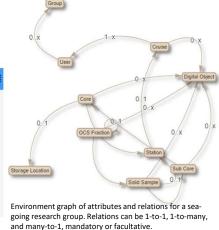
Data Archive System ROM@nioz.nl

DAS (Data Archive System) is an Institutional Archive for the long-term storage of data, both Raw (instrumental and manual) and user Processed. The research data itself is secured on a file system. The associated meta data is entered in a DB to serve the searching and retrieval of research data from the file system via DAS. Research Data can be combined to datasets, be registered with DataCite automatically using a Digital Object Identifier (DOI) and be exposed and accessed from a dataverse on the institutional data portal.

Architecture

The DB is organized on Attributes and Relations customizable per User, enabling a high flexibility.





Storing Data

Data can be stored as Digital Objects and be associated with specific attribute(-s) manually or automated.

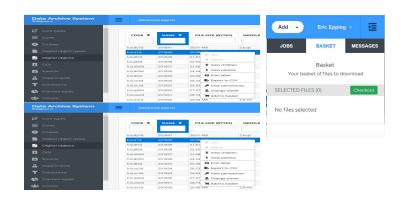
When automated, a script is used to harvest data from analytical instruments at user-defined intervals.

Files are coupled to the correct Value of an Attribute using a unique code fed to the instrument before analysis.

Ownership and Sharing

The User creating the Digital Object owns the object and controls access by other Users. Data can be downloaded by non-owners upon email request and consent of the Owner.





& Dataverse

Marine sediment, Iberian Margin, oxygen microprofiles, early diag

Exposure and public access

Any set of data files can be assigned a DOI, which is automatically registered with DataCite and creates a data landing page on NIOZ' Dataverse for public access.

