



WDCC Metadata Generation with GeoNetwork

Hans Ramthun, Michael Lautenschlager, and Hans-Hermann Winter
(hans.ramthun@zmaw.de)

Earth system science data like modeling output data are described by metadata. At the WDCC (World Data Center of Climate) the data and metadata are stored inside the CERA (Climate and Environmental Retrieval and Archive) relational database. To fill in the describing metadata several types of XML documents are used to upload data into the database. GeoNetwork is an Ajax based web framework, which offers a wide range of XML data handling for search and update and is especially designed to meet the ISO19115/19139 standard. This framework was extended by the schema's which allow create and update CERA upload XML records. An upload function is also included as well as a connection to the local LDAP (Lightweight Directory Access Protocol) for authentication.

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