developed and published by:
the environment and natural resources service (sdrn) - the food and agriculture organization of the united nations

with contributions from:
the vulnerability analysis and mapping branch (vam) - the united nations world food programme
the division of early warning and assessment (dfwa) - the united nations environment programme
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system requirements
operating system:
platform independent. tested on:
ms window, linux or mac os x

processor:
minimum 1.4 ghz recommended or higher

memory:
minimum 64mb typical 256mb recommended or higher

disk space:
minimal 20mb, typical at least 250mb of free disk space.
additional space requirements depend on the amount of spatial data uploaded into the application.

software requirements:
java runtime environment (jre 1.5.0)
java server installations apache tomcat and a jdbc compliant dbms (mysql, oracle) are required.

technology
- platform independent
- written in java
- web services and servlet technologies
- xml/xsl technology throughout the system
- jdbc and sql:92 compliant

get connected!
http://geonetwork.sourceforge.net
geographic data sharing for everyone
Thematic geographic information is the basis for efficient and successful sustainable development planning and implementation. GeoNetwork opensource is the result of a common strategy to effectively share and exchange spatial databases including GIS maps, satellite images and related statistics in digital format.

GeoNetwork opensource provides:
- Immediate search access to local and distributed geospatial catalogues
- Up- and downloading of data, graphics, documents, PDF files and any other content type
- An interactive Web Map Viewer to combine Web Map Services from distributed servers around the world
- A randomly selected Featured Map
- Recently updated entries, also accessible as RSS news feeds and as GeoRSS.
- Online editing of metadata with a powerful template system
- Native support for ISO19115, FGDC and Dublin Core formatted metadata
- Scheduled harvesting and synchronization of metadata between distributed catalogues
- Fine-grained access control
- Group and user management
- Multilingual user interface

Standards
International standards as defined by the International Standards Organization (ISO) and the Open Geospatial Consortium (OGC) are the basis of the GeoNetwork opensource system. This ensures maximum interoperability to exchange data and information within the technical domain of Geographic Information Systems.

Free and Open Source Software
Following the Free and Open Source Software (FOSS) development process, GeoNetwork opensource significantly reduces costs to all its stakeholders. Particularly developing countries benefit from getting freely available software capacities to support sustainable development programmes. Resources otherwise spent on license fees can go exclusively towards developing human skills and local capacity.

The glue in a Spatial Data Infrastructure
GeoNetwork opensource has been developed to connect spatial information communities and their data using a modern architecture, which is at the same time powerful and low-cost. The system seamlessly integrates with a range of closed and related specialized systems, both commercial and open source.

You can use GeoNetwork opensource in combination with Map Server technologies as provided by e.g. ESRI(R) ArcIMS™, MapServer or GeoServer to allow geospatial data services to be accessed and combined interactively through GeoNetwork opensource’s embedded Web Map Viewer, InterMap opensource.

A Desktop and Server installer for use on any platform
A universal installer allows you to quickly install and configure your own spatial data management system. GeoNetwork opensource is available for installation on your personal computer as well as for more complex server installations. GeoNetwork opensource is developed to run on any operating system and has been developed and tested on Windows, Linux and Mac OS X.

Community website
A GeoNetwork opensource Community Website provides up to date information on the project. With a Documentation Center and a Software Center as core components, this site offers you the essential tool to find answers to your questions, provide feedback and even contribute content.

Find the GeoNetwork community website at http://geonetwork.sourceforge.net

A major step towards faster and better responses to the complex information needs of decision makers.