GDAL is an acronym for the Geospatial Data Abstraction Library. This an access and translator library for raster and vector geospatial data formats, often known as the swiss knife of geospatial, that is released under an X/MIT style Open Source License. It includes command line utilities, a C and C++ API and bindings to other languages (Python, Java, CSharp, etc).

For more information on GDAL, including our governance structure and project roadmap, please visit: https://gdal.org/

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APPLICATIONS

GDAL is used by many remote sensing and GIS (Geographic Information System) software, open source or proprietary.

Data access

Data conversion

PLANNED FEATURES

+ Write support for FileGeoDatabase format
+ Enhancements in continuous integration