

deegree

deegree is an Open Source Geospatial Foundation Project. It is free software protected by the GNU Lesser General Public License (LGPL).

The Java based framework supplies the building blocks of a spatial data infrastructure. deegree offers the most extensive implementation of OGC/ISO standards in the field of free software and thus provides a large number of interoperable services and applications.

deegree is official OGC reference implementation for the following standards: WCS 1.0.0, WMS 1.1.1 und 1.3.0, WMS DGIWG Profile.

Selection of implemented OGC standards

- Catalogue Service 2.0.0, 2.0.1, 2.0.2
- ISO19115/ISO19119 Application Profile for CSW 2.0
- ebRIM (ISO/TS 15000-3) profile of CSW
- Geography Markup Language 3.1.1, 3.2
- Filter Encoding 1.0, 1.1
- Sensor Observation Service 1.0.0
- Styled Layer Descriptor 1.0
- Web Coordinate Transformation Service 0.4.0
- Web Coverage Service 1.0.0
- Web Feature Service 1.0.0 und 1.1.0
- Web Map Context 1.0
- Web Map Service 1.1.1 und 1.3.0
- Web Processing Service 1.0.0
- Web Terrain Service & Web Perspective View Service



deegree 3D

deegree 3D is a complete solution for administration of digital city models, terrain models and corresponding textures.

The base of deegree 3D is CityFeatureStore, a 3D database schema for 3D city models that can be implemented in different database systems. CityFeatureStore is accessed using deegree WFS which supports CityGML. deegree WTS and the 3D-module of iGeoPortal also allow to visualise building and terrain models.



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Graduated OSGeo Project

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