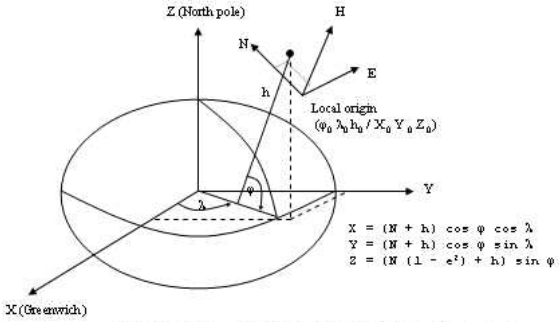
deegree WCTS

Precise transformation of coordinate between different coordinate reference systems



Local rectangular coordinates system

Funktional Range

deegree Web Coordinate Transformation Service (WCTS) transforms coordinates between different coordinate reference systems. The input format used by the service is GML, the coordinates are transferred to the service together with information about the wanted transformation. deegree supports the prevalent coordinate reference systems, projections and transformations. Further transformations and transformation methods can be added easily.

Technical Features

+ Supports polynomial as well as Helmert-transformations
+ Able to process geographic, geocentric, compound and projected reference systems
+ Implements the OGC WCTS Specification 0.4.0
+ XML-based configuration documents for adding further coordinate reference systems and transformations
+ In principle extensible to support all kinds of transformations and transformation methods

deegree Web Coordinate Transformation Service is like all deegree components Free Software / Open Source under LGPL (http://www.deegree.org)

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