

# deegree WCS

Fast access to digital raster data  
with OGC's official Reference  
Implementation.



## Funktional Range

deegree Web Coverage Service (WCS) is a complete raster data server accessing large amounts of data with high performance via optimized tiling and indexing mechanisms.

Parallel to deegree WFS, spatial raster data like aerial photography or satellite images can be published by standardised OGC interfaces. deegree WCS is used by deegree WMS and deegree WTS as service for accessing raster data so that the different deegree-components can cooperate efficiently and cost-effectively..

## Technical Features

- + Support of WCS version 1.0.0
- + Access to georeferenced image data like PNG, GIF, JPEG as well as GeoTIFF
- + ECW-Interface
- + Support of Oracle GeoRaster
- + Automatic generation of image pyramids for big data amounts
- + Supported operations: GetCapabilities, DescribeCoverage und GetCoverage.

deegree WCS is like all deegree components Free Software / Open Source under LGPL  
(<http://www.deegree.org>)



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