

Date: 2012-10-09 The summary shows a part of available web server and its parameter focussing on standard and time-aware services and formats

Analyzed parameter			Rasdaman Community 8.3.1	Geoserver 2.1.4	MapServer 6.0.3	Deegree 3.1.2	ncWMS	THREDDS 4.2	ArcGIS 10 Server
Service interfaces	Offered interfaces	current	WCS / WCS-T WCPS WPS	WCS WMS WFS WPS (extension)	WMS Non-transact. WFS WMC WCS	WMS WFS WPS CSW	WMS	WMS WCS	WMS WFS WCS (KML)
		planned				SOS WCS WPVS			
	OGC compliant offered interfaces	current	WCS 2.0 WCS-Trans. ext. 1.1.4 WCPS 1.0 WPS 1.0	WCS 1.0 WMS 1.1.1 WFS 1.0 WPS 1.0 (extension)	WMS 1.3 WFS 1.0 (non-transact.) WCS 1.1 WMC 1.1	WMS 1.1.1, 1.3.0, 2.0.0 WFS 1.1.0 WPS 1.0.0 CSW 2.0.2	WMS 1.3.0	WMS 1.3.0 WCS 1.0	WMS 1.3.0 WFS 1.1 WCS 1.1.1
		planned		WCS 1.1 WMS 1.3 WFS 2.0 CSW 2.0		SOS 1.0.0 WCS 1.0.0			
Multi dimensional	Supported dimensions	current	x/y/z/t	x/y/z/t (WMS) x/y/z/t (WCS)	x/y/z/t (WCS) via spat.-temp. index x/y/z/t (WMS)	x/y/z/t (WMS)	x/y/z/t (WMS)	x/y/z/t WMS x/y/z/t WCS	x/y/z/t (WMS, WCS) z/t via mosaic datasets and image service
		planned							
	Combination of dimensions	current	available	x/y/z/t (WCS) x/y/z/t (WMS)	x/y/z/t (WCS) via spat.-temp. index	no information available	yes	yes	no information available
		planned							
Supported data formats	Backend data formats	current	JPEG, PNG, TIFF, BMP, VFF, HDF 4, DEM8, TOR	PostGIS, Shapefile, ArcSDE, DB2, Oracle, VPF, MySQL, MapInfo, Casc. WFS, GeoTIFF, NITF, GTOPO30, ArcGrid, DTED, WorldImages, ImageMosaics, Image Pyramids, Support for MrSID, ECW, JPEG2000, Erdas Imagine, Format that GDAL supports (with code adaption)	Multi dimensional raster and vector formats: TIFF/GeoTIFF, EPPL7, many others via GDAL ESRI shapfiles, PostGIS, ESRI ArcSDE, Oracle Spatial, MySQL	PostGIS, Oracle Spatial, Shapefiles or GML instance documents, further formats are available	many standard file formats including CF-compliant NetCDF, HDF, HDF5, GRIB	NetCDF, OpenDAP, HDF5, GRIB1, GRIB2, BUFR, NEXRAD, GINI Pluggable framework for other formats	Feature Layers, Data tables, Mosaic Datasets, Raster Catalogs, NetCDF (Raster, Feature, Table), Tracking Layers, Network Layers, further formats are available
		planned							

geodata web server

Supported data formats	Data formats provided via service	current	JPEG, PNG, TIFF, BMP, VFF, HDF 4, DEM8, TOR	WMS: PNG, PNG8, JPEG, GIF, TIFF, TIFF8, GeoTIFF, GeoTIFF8, SVG, PDF, GeoRSS, KML, KMZ, OpenLayers WFS: GML2, GML3, Shapefile, JSON, CSV WCS: JPEG, GIF, PNG, Tiff, BMP	WMS: TIFF/GeoTIFF, GIF, PNG, JPEG, Erdas .LAN/.GIS WFS: GML2, GML3, Shapefile, other formats via OGR WCS: JPEG, GIF, PNG, Tiff, other formats via GDAL	WFS: GML 2, 3.0, 3.1, 3.2 by default		WMS: jpeg, png, kml, gif WCS: GeoTIFF, GeoTIFF_Float, NetCDF3	
		planned							
Updates and versions	Last source code update		2012-06-26 (ongoing)	2010-06-04 (GeoServer 2.2.4 stable)	2012-05-18 MapServer	2012-02-25 deegree 3.1.2	2010-04-09 current ncWMS-1.0RC2.war-file	2010-10-16 THREDDS Data Server (TDS) 4.2.2	2010-10 ArcGIS Server 10
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	Homepage		http://www.rasdaman.org	http://geoserver.org	http://mapserver.org	http://www.deegree.org/ http://wiki.deegree.org/deegreeWiki/deegree3	http://www.resc.rdg.ac.uk/trac/ncWMS/wiki	http://www.unidata.ucar.edu/projects/THREDDS/tech/TDS.html	http://help.arcgis.com/en/arcgisserver/10.0/help/arcgis_server_dotnet_help/index.html