

# GeoServer

basic, geoserver



(2016.07.22 ) 2.9.0

## Windows Installer

: geoserver-2.9.0.exe



admin / geoserver .

8080 .



Ready to Install

## Web Archive

error listenerStart

2.8.4

<http://localhost:8080>

## Basic GeoServer

GeoServer is an open source server for sharing geospatial data

5.3.1.3

WFS GeoFeature

GML2/3	GML(Geography Markup Language) Consortium(OGC) XML	Open Geospatial
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## 5.4

### 5.4.2 Stores

(store)

(data source)

5.4.3.2.1

Name - WMS

#### 5.4.3.2.2 Coordinate Reference Systems( )

Coordinate Reference Systems(CRS)

(georeferenced)

가

. CRS Spatial Reference System(SRS)

Native SRS	SRS	(projection)	Projection
Declared SRS	GeoServer가	SRS	.
SRS Handling	2가 SRS가	GeoServer가	.

### 5.4.3.2.3 Bounding Boxes

Bounding Box

### 5.4.3.3

### 5.4.4.1 Layer Group

GeoServer : 가 .

## 5.5

GeoServer Open Geospatial Consortium(OGC) . Web Coverage Service(WCS) ( ) , ( ) , Web Map Service(WMS) .

### 5.5.1 WCS

Web Coverage Service(WCS)

WCS<sup>1)</sup>, WFS<sup>2)</sup>, WMS<sup>3)</sup> Service Metadata

#### 5.5.1.1 Service Metadata

Enabled	
Strict CITE compliance	
Maintainer	
Online Resouce	
Title	.( ) ,
Abstract	.
Fees	
Access Contraints	가 NONE ;

Keywords	
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### 5.5.2 WFS

Web Feature Service(WFS) , GML

#### 5.5.2.2 Feature

Open Geospatial Consortium(OGC) Web Feature Service(WFS)

WFS (attribute values)

WFS (query) (retrieval) WFS (limits)

WFS (bounding)

#### 5.5.2.3 Service Levels

Basic	Basic GetCapabilities, DescribeFeatureType, GetFeatureservice (Read-only) WFS OGC WFS
Transactional	WFS, Transactional WFS-T (transaction)
Complete	Transactional LockFeature (lock) (resolve) LockFeature

#### 5.5.2.4 GML

Geography Markup Language(GML) OGC가 XML

GML GML2 / GML3 GML2  
3D ( ) 가

### 5.5.3 WMS

Web Map Service(WMS) SVG

#### 5.5.3.4 SVG Options

GeoServer WMS Scalable Vector Graphics(SVG)

GeoServer SVG 2가 , SVG Producer

## 8.3 ArcSDE

ESRI ArcSDE Oracle SQL Server (spatial engine)

ArcSDE GeoTools ArcSDE ESRI Java API

### ArcSDE



## GeoServer Setting

### ArcSDE Extension 가

/WEB-INF/lib  
 가  
 → ArcSDE

## Coverage Access Settings

- Core Pool Size
- Maximum Pool size

## Tile Caching

- <http://www.slideshare.net/endofcap/geo-server-24x>
- <http://endofcap.tistory.com/610>
- <https://drive.google.com/file/d/0B1qbDNTel8EcNzhheGhQUWR1a0U/edit>

- OPEN
- OPEN

1)

Web Coverage Service

2)

Web Feature Service

3)

Web Map Service

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