



National Spatial Data Infrastructure Research Program

Development of open source processing technology for

Application of spatial information SW

GeoCMS Installation Manual



GeoCMS Manual	Project classification	Land Spatial Information Research Project
	Project name	GeoCMS

1.1. Business overview

Internationally, the importance of utilizing spatial information is increasing, but the spatial information infrastructure including open source software based on domestic is weak, and the level of practical application of related technology is still low, so it relies on foreign software.

Accordingly, we developed an open source based system for generating and managing new and user-space-based new media space information contents on the web and mobile, gained import substitution effect of foreign-based software, improved technology self-reliance, The goal is to do.

1.2. Business background and necessity

In recent years, services such as Instagram, Vine, and YouTube have emerged as a result of increasing demand for services for various new media space information collected through mobile terminals and for linking with external systems. However, this is a simple media management / service technology, Technology for combined service with information service is very limited.

To solve this problem, it is necessary to provide services for efficient management and service of new media space information that is diversified according to the development of mobile and computing technologies such as Google Glass and panoramic space image. In the case of developing / distributing system in open source form, It is possible to manage users' participation in new media space information in private.

1.3. Business Goals

The ultimate goal is to implement and provide open source spatial information content management system (GeoCMS), which will be utilized by public and private operators and put into practical use.

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- 1) New media space information contents authoring and publishing technology development
- 2) New media space information analysis and service engine technology development
- 3) User-Participated Web / Mobile based Geospatial Content Management System (GeoCMS) technology development
- 4) Development of technology for linking and utilizing public and commercial space information systems

1.4. Benefit

1.4.1. Technical expectation effect

- Overcome the dependency of specific foreign SWs and reduce SW acquisition and maintenance costs
- Enhance technology self-reliance with development of open source software for spatial information led by domestic technology, and successfully commercialize R & D results
- Quickly develop and validate high-level SWs to quickly implement products

1.4.2. Economic / Industrial Expected Effects

- Cost substitution and cheap introduction / utilization cost of public information system in the public sector
- Strengthen domestic SW industry ecosystem based on open source SW technology for spatial information

To foster the spatial information software industry, to nurture specialized personnel for spatial information software development and to create jobs

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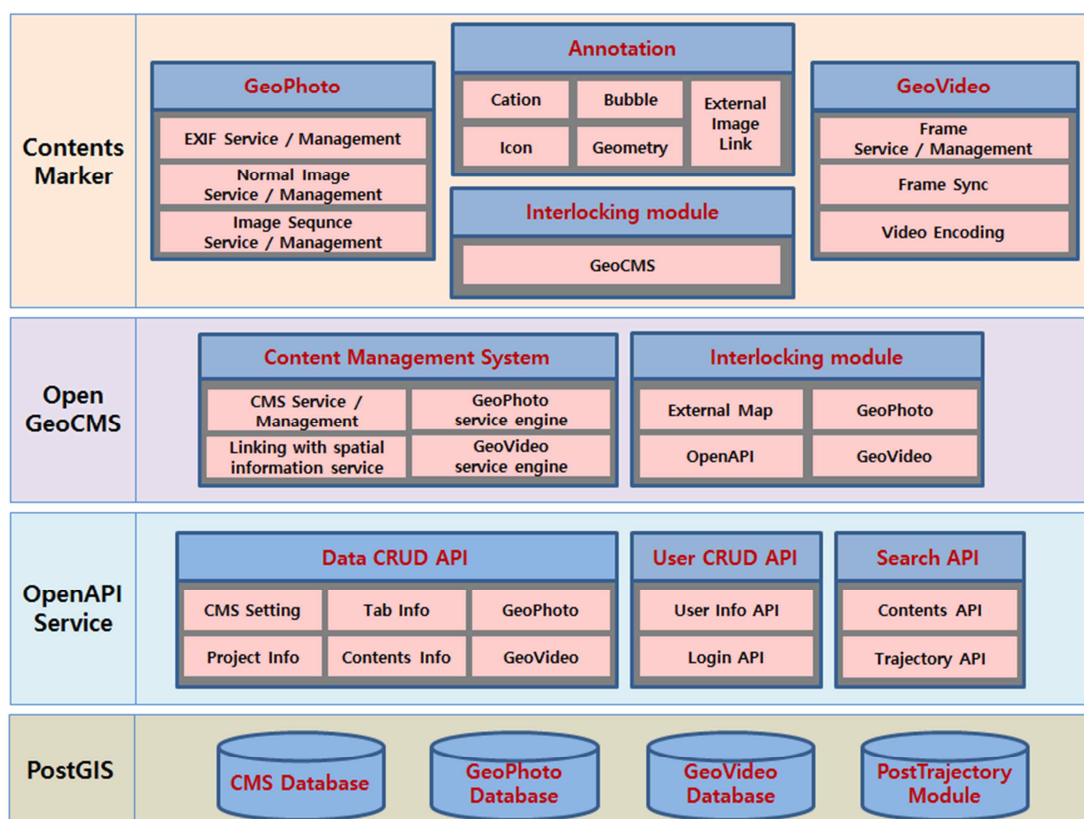
2. Development Contents

2.1. GeoCMS Operating Environment

Software Information		
operating system	server	Apache Tomcat 6.0
	Client	Chrome 44+
Uniqueness (Product activation requirements)	External map engines (such as GoogleMaps) and Open APIs (such as Google Geocoding) should be available. DB :PostgreSQL 9.6	
Hardware Information		
Other environment	2.4GHz, 4G RAM, Winows 7	

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2.2. System structure

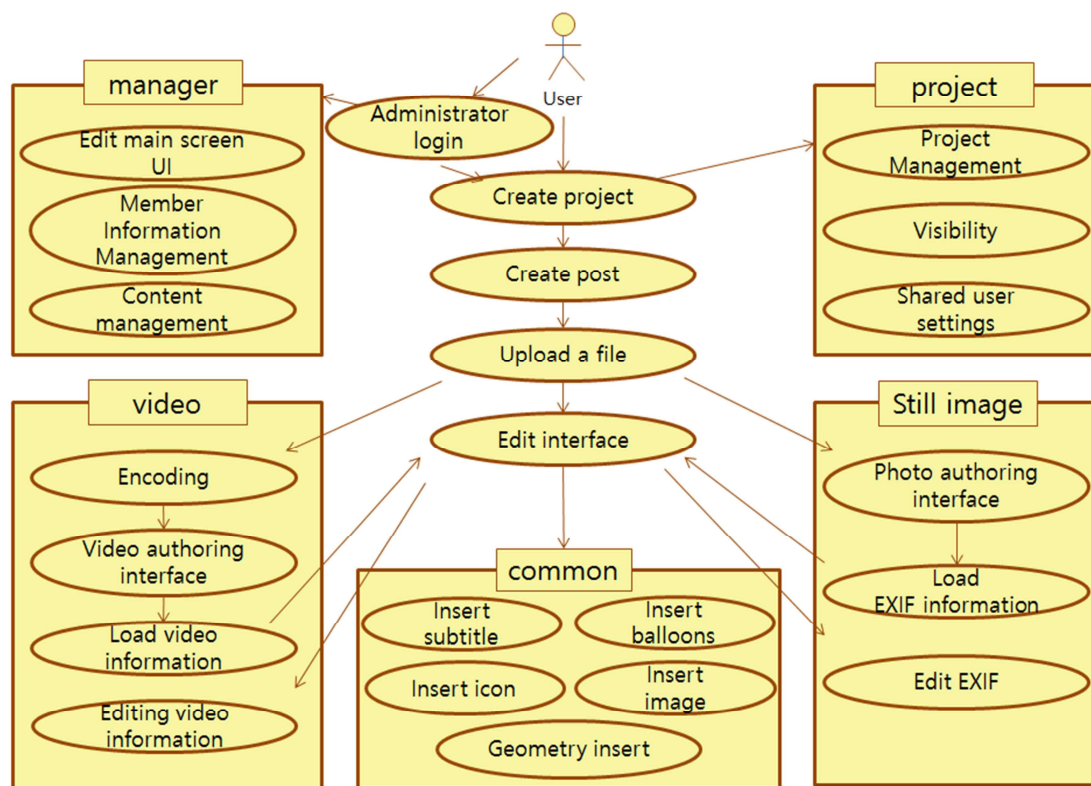


System structure diagram

The GeoCMS platform is divided into authoring function, interworking function, and web service function.

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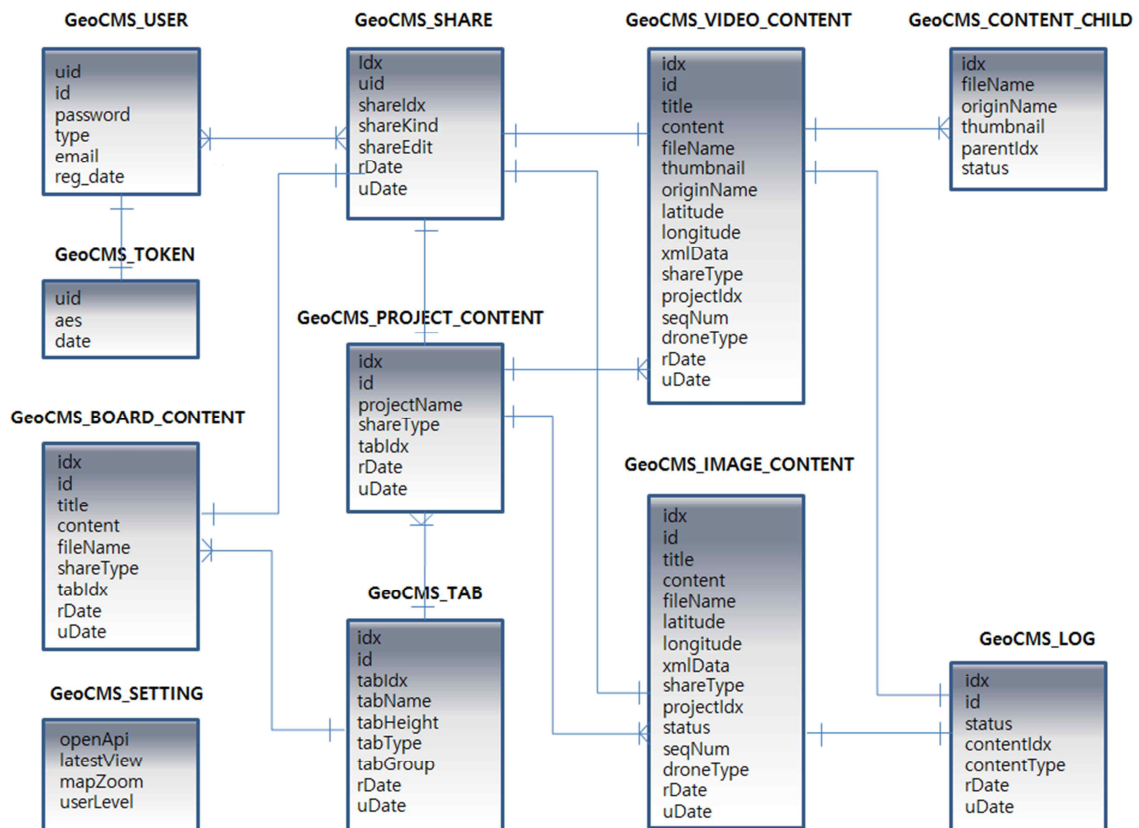
2.3. Use case



Use case

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2.4. Database



Database

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2.5. XML Schema

- When the photo and video content information is stored in XML and shared, it is composed of the following schema

```

<?xml version="1.0" encoding="UTF-8"?>
<GeoCMS>
  - <obj>
    <id>g</id>
    <top>300</top>
    <left>235</left>
    <xstr>235_391</xstr>
    <ystr>294_420</ystr>
    <linecolor>#ff0</linecolor>
    <backgroundcolor>#FF0000</backgroundcolor>
    <type>rect</type>
  </obj>
  - <obj>
    <id>b</id>
    <top>250</top>
    <left>232</left>
    <href>>false</href>
    <underline>>false</underline>
    <italic>>false</italic>
    <bold>>true</bold>
    <fontsize>H1</fontsize>
    <fontcolor>#ffffff</fontcolor>
    <backgroundcolor>#0000ff</backgroundcolor>
    <text>방지턱 입니다.</text>
  </obj>
  - <obj>
    <id>i</id>
    <top>268</top>
    <left>390</left>
    <width>79px</width>
    <height>68px</height>
    <src>/GeoPhoto/images/geoImg/icon/black/d130.png</src>
  </obj>
</GeoCMS>

```

XML Schema

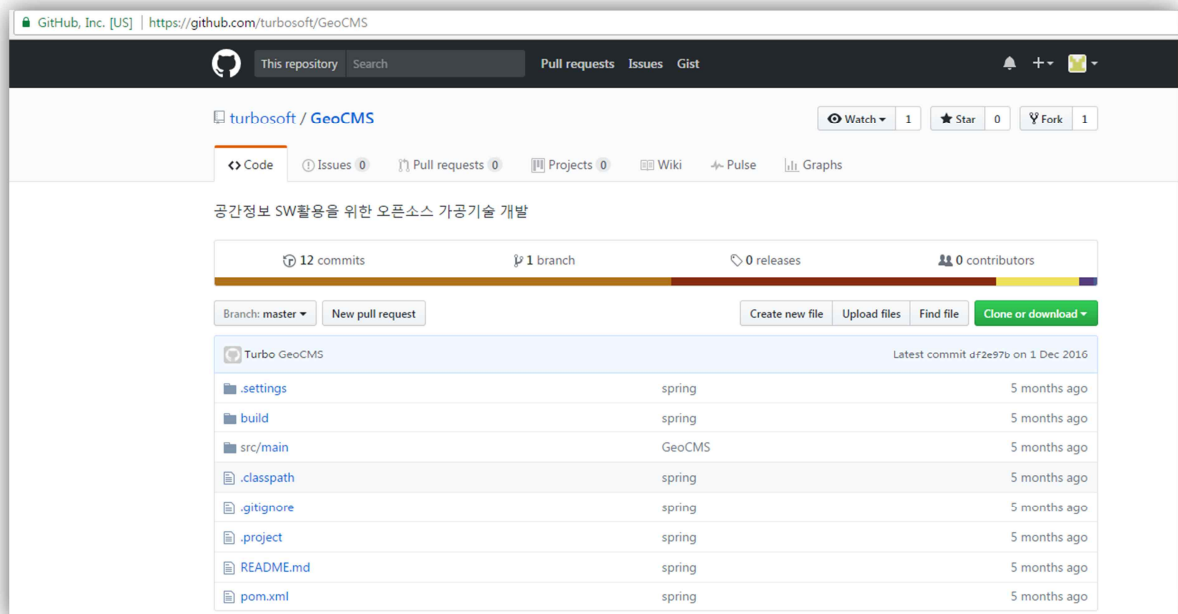
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Type	Tag Name	Description
All	GeoCMS	Top-level Tag name
All	obj	Authored Annotation Information Tag
All	id	Annotation ID Tag
All	top	Top Position coordinate value
All	left	Left position coordinate value
Icon	width	Width value of icon
Icon	height	Height value of icon
Icon	src	Src (externally accessible URL) path of the icon
Caption, Bubble	href	External reference link URL path
Caption, Bubble	underline	Underline Attribute value of Text
Caption, Bubble	italic	Italic Attribute value of Text
Caption, Bubble	bold	Bold Attribute value of Text
Caption, Bubble	fontsize	Text size attribute value of Text
Caption, Bubble	fontcolor	Color attribute value of Text
All	backgroundcolor	Annotation background color value
Caption, Bubble	text	User string value
Geometry	xstr	Geometry X Point value
Geometry	ystr	Geometry Y Point value
Geometry	linecolor	Line color attribute value of the geometry
Geometry	type	Type property value of geometry (point, circle, rect)

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2.6. How to use GeoCMS

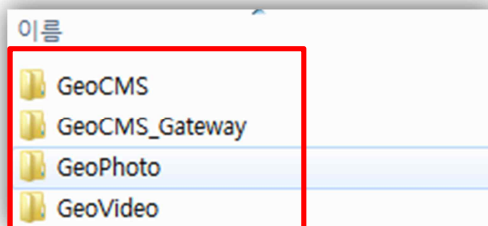
2.6.1. Download source files from GitHub



- GeoCMS
<https://github.com/turbosoft/GeoCMS>
- GeoCMS_Gateway
https://github.com/turbosoft/GeoCMS_Gateway
- GeoPhoto
<https://github.com/turbosoft/GeoPhoto>
- GeoVideo
<https://github.com/turbosoft/GeoVideo>

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- After decompressing into the webapps folder of Tomcat 6.0, change the folder names to GeoCMS, GeoPhoto, GeoVideo, and GeoCMS_Gateway respectively.



2.6.2. Email and server settings

- GeoCMS/src/main/webapp/WEB-INF/classes/properties/geocms.properties
- GeoPhoto/src/main/webapp/WEB-INF/classes/properties/geocms.properties
- GeoCMS_Gate/src/main/webapp/WEB-INF/classes/properties/geocms.properties
- Specify the server address, port number, server ID, server password, and folder name to store the administrator mail and password and file to send a confirmation e-mail when registering membership, ID and password in the file. (The GeoCMS_Gateway project should only be configured for the server.)

```
email.address=your gmail
email.pass=your gmail Pass

file.serverUrl = file server url
file.portNum = file server port
file.userId = file server id
file.userPass = file server pass
file.saveFilePath = file server path
```

- GeoCMS/src/main/webapp/WEB-INF/jsp/page_common.jsp
- GeoPhoto/src/main/webapp/WEB-INF/jsp/page_common.jsp
- GeoVideo/src/main/webapp/WEB-INF/jsp/page_common.jsp
- Specify the server address and folder name where the files are stored in the

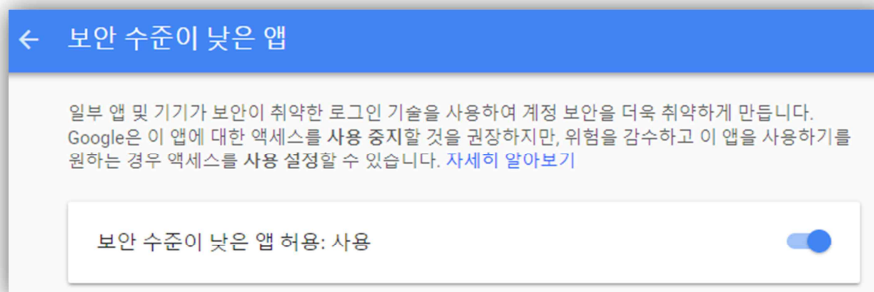
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ftpBaseUrl of the corresponding jsp.

```
var ftpBaseUrl = function(){
    var br = your file_server_url + "/shares/" + your save_file_path;
    return br;
}
```

- Administrator email can only be used with Gmail. After logging in, access the following link to turn on Allow less secure apps to use. (Required to use Gmail SMTP.)

<https://www.google.com/settings/security/lesssecureapps>



2.6.3. Tomcat configuration

- tomcat/conf/web.xml
 - Set geoCMSmain.jsp file in welcome-file.

```
<welcome-file-list>
  <welcome-file>index.html</welcome-file>
  <welcome-file>index.htm</welcome-file>
  <welcome-file>geoCMSmain.jsp</welcome-file>
</welcome-file-list>
```

- server.xml
 - Set the context to match the path.

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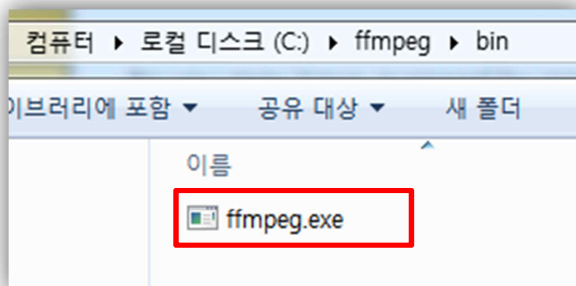
```
<Host name="localhost" appBase="webapps"
unpackWARs="true" autoDeploy="true"
xmlValidation="false" xmlNamespaceAware="false">

<Context path="/GeoCMS" docBase="C:\Users\Turbo\Desktop\geocms_apache.tomcat.6.0.36\webapps\GeoCMS\src\main\webapp" reloadable="true"/>
<Context path="/GeoPhoto" docBase="C:\Users\Turbo\Desktop\geocms_apache.tomcat.6.0.36\webapps\GeoPhoto\src\main\webapp" reloadable="true"/>
<Context path="/GeoVideo" docBase="C:\Users\Turbo\Desktop\geocms_apache.tomcat.6.0.36\webapps\GeoVideo\src\main\webapp" reloadable="true"/>
<Context path="/GeoCMS_Gateway" docBase="C:\Users\Turbo\Desktop\geocms_apache.tomcat.6.0.36\webapps\GeoCMS_Gateway\src\main\webapp" reloadable="true"/>

</Host>
```

2.6.4. When running GeoVideo

- Download the ffmpeg.exe file from <https://ffmpeg.zeranoe.com/builds/> and change the file path.



2.6.5. Create Table

- Create a table using the GeoCMS_DB script.txt file in the GeoCMS folder.
(PostgreSQL must be installed.)
- geocms_board_content (board table)

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	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/> @idx		bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/> @id		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @title		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @content		character varying	4,000		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @filename		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @sharetype		integer			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @tabidx		bigint			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @rdate		timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @update		timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No

- geocms_content_child (Video subtables)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/> @idx		bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/> @filename		character varying	200		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @originname		character varying	200		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @thumbnail		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @parentidx		bigint			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @status		character varying	20		<input type="checkbox"/> No	<input type="checkbox"/> No

- geocms_image_content (image table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/> @idx		bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/> @id		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @title		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @content		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @filename		character varying	200		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @latitude		numeric	25		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @longitude		numeric	25		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @xmldata		text			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @sharetype		integer			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @projectidx		bigint			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @status		character varying	20		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @seqnum		bigint			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @dronetype		character varying	1		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @rdate		timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @update		timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No

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- geocms_log (log write table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	idx	bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	id	character varying	20		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	status	character varying	20		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	contentidx	text			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	contenttype	character varying	10		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	rdate	timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	update	timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No

- geocms_project_content (project table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	idx	bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	id	character varying	200		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	projectname	text			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	sharetype	integer			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	tabidx	bigint			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	rdate	timestamp without time zone			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	update	timestamp without time zone			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

- geocms_setting (setting table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	openapi	integer			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	latestview	integer			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	mapzoom	bigint			<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	userlevel	character varying	100		<input type="checkbox"/> No	<input type="checkbox"/> No

- geocms_share (share table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	idx	bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	uid	bigint			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	shareidx	bigint			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	sharekind	character varying	20		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	shareedit	character	1		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	rdate	timestamp without time zone			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/>	update	timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No

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- geocms_tab (tab table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	tabidx	bigint			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/>	tabid	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabidx	bigint			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabname	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabheight	bigint			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabtype	character varying	10		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabgroup	character varying	10		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabdate	timestamp without time zone			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	tabupdate	timestamp without time zone			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes

- geocms_user (user table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	uid	bigint			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/>	id	character varying	20		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/>	password	character varying	30		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	type	character varying	30		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	email	character varying	50		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	reg_date	timestamp without time zone			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes

- geocms_video_content (video table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/>	vididx	bigint			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/>	vidid	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	title	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	content	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	filename	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	thumbnail	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	originname	character varying	200		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	latitude	numeric	25	20	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	longitude	numeric	25	20	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	xmldata	text			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	sharetype	integer			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	projectidx	bigint			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	seqnum	bigint			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	dronetype	character varying	1		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	date	timestamp without time zone			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/>	update	timestamp without time zone			<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes

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- token (token table)

	Name	Data type	Length	Precision	Not NULL?	Primary key?
<input checked="" type="checkbox"/> @uid		bigint			<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input checked="" type="checkbox"/> @aes		character varying	128		<input type="checkbox"/> No	<input type="checkbox"/> No
<input checked="" type="checkbox"/> @date		timestamp without time zone			<input type="checkbox"/> No	<input type="checkbox"/> No

2.6.6. GeoCMS DB Connection Settings

- Change the URL, username, and password in the src / main / webapp / WEB-INF / spring / config / config.properties file of GeoCMS_Gateway to suit your environment.

```
jdbc.driver=org.postgresql.Driver
jdbc.url=jdbc:postgresql://localhost:5432/postgres
jdbc.username=postgres
jdbc.password=postgres
```

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2.7. Using the service

2.7.1. Setting Table Defaults Before Using the Server

- Add the default value to the geocms_setting table.

	openapi integer	latestview integer	mapzoom bigint	userlevel character varying (100)
1	1	1	8	ADMIN,DELETE,MODIFY,WRITE

Query : insert into geocms_setting values (1, 1, 8,'ADMIN,DELETE,MODIFY,WRITE');

- When creating an administrator account, add uid, id, pass, type (ADMIN) to the geocms_user table. (type: admin, delete, modify, write, default is MODIFY)

	uid bigint	id character varying (20)	password character varying (30)	type character varying (30)	email character varying (50)	reg_date timestamp without time zone
1	1	admin	admin1	ADMIN	[null]	2018-01-16 18:04:38.185799

Query : insert into geocms_user (id, password, type, email, reg_date)
values ('admin','admin1','ADMIN',null, now());

- Add uid, data to the token table

The aes key is automatically set and saved at login. (aes: random key for token management)

	uid bigint	aes character varying (128)	date timestamp without time zone
1	1	[null]	2018-01-17 18:10:14.489707

Query : insert into token (uid, date) values (1, now());