

- 3.1 Preparation for Data Editing
- 3.2 Editing Data
- 3.3 Editing Geometry

## Premise: PostgreSQL user name='yokoi', password='yokoi' (This can create new database) database name='valley' owned by user 'yokoi' (This is connected to PostGIS) tables name=buildings, type=POINT name=roads, type=LINESTRING name=open\_spaces, type=POLYGON







Connectio	on Information			ОК		
lame	Connect to valley					
Host	local host			Cancel		
Database	valley			Help		
Port	5432					
Username	yokoi					
assword	•••••					
Save P	assword	Test	: Connect			
	ok in the geometry_columns	cable				
- Only to	ok in the 'public' schema					
Creat	e a New Post	:GIS conr	nection' dia	og opens		
		GIS conr	nection' dia	og opens		
	in:				y' (arbitrary	),
	in:		on): ' <mark>conne</mark>	ct to valle	<mark>y</mark> ' (arbitrary	),
	n: Name (of Host	connectic	on): 'conne : 'localho	ct to valle st' (fixed)	y' (arbitrary	),
	n: Name (of Host DataBase	connectic	on): 'conne : 'localho : 'valley'	ct to valle st' (fixed) (target da	y' (arbitrary	),
	n: Name (of Host DataBase Port	connectio	on): 'conne : 'localho : 'valley' : '5432'	ct to valle st' (fixed) (target da (fixed),	<mark>y</mark> ' (arbitrary , atabase),	
<mark>Creat</mark> ⁻ype i	n: Name (of Host DataBase Port Username	connectio	on): 'conne : 'localho : 'valley' : '5432' : 'yokoi'	ct to valle st' (fixed) (target da (fixed), (User of l	<mark>y</mark> ' (arbitrary , atabase), PostgreSQL	_)
	n: Name (of Host DataBase Port	connectio	on): 'conne : 'localho : 'valley' : '5432' : 'yokoi'	ct to valle st' (fixed) (target da (fixed), (User of l	<mark>y</mark> ' (arbitrary , atabase),	_)

	Test connection     Connection to valley was successful     OK	Click ' <mark>OK'</mark> if succes	sfully connected.
Connectio Name Host Database Port Username Password Save Pa Only Ior	•••••	Carcel Help	Then, click on 'OK'.

Tables: Type Nar "public"."buildings"	ne sql		
🚳 "public"."open_spa			Then, three tables appear here.
🗾 "public"."roads" (th	s_geom)		
Encoding:	System		
Help		Add Close	

Connect to				click on 'Add'.
Conn Tables:	ect New	Edit	Delete	
Туре	Name	Sql		
	lic"."buildings" (the_geom) lic"."open_spaces" (the_geom)			
	lic"."roads" (the_geom)			
		System	•	
Encoding:			-1	
Encoding: Help		Add	Close	
		Add	Close	



















Settings Plugins Help Project Properties P Custom Projection Options	From 'Setting' in Menu bar select 'Project Properties'. Then, 'Project Properties' dialog appears.
Project Properties      General Projection      Project Title      Description	Confirm that the 'Snapping Toplerance' is set '0'.
Map Units Meters Feet  Decimal degrees Precision Automatic Manual 2 decimal places Digitizing Line Width: 1 decimal places 0	Click on 'Toggle Editing' button to start data input.
Line Colour:  Map Appearance Selection Color: Background Color: Help OK Apply Cancel	





































Attribute Values       1     idit       2     manager       3     note       4     open_space_category       5     open_space_name       6     owner	Attribute     Value       1     idt       2     manager       3     note       4     open_space_category       5     open_space_name				If you find a necessity to revise the data, clic on 'Toggle editing' button.
2     manager       3     note       4     open_space_category       5     open_space_name	2     manager       3     note       4     open_space_category       5     open_space_name       6     owner		Attribute	Value	Then, edit the necessary part
4     open_space_category     0       5     open_space_name     Tai primary school	4     open_space_category     0       5     open_space_name     Tai primary school       6     owner	-			men, cut the necessary part.
5 open_space_name Tai primary school	5 open_space_name Tai primary school 6 owner	3	note		
	s owner	ŀ	open_space_category	0	
6 owner		5	open_space_name	Tai primary school	
		6	owner		





## 3.3 Editing Geometry

type one. PostGIS does have the functionalit QGIS does not have the functional GRASS does have the functionalit and It is possible to edit geometry of ve	newly digitized vector layers except POINT ty for editing geometry but command base. lity for editing geometry. y for editing geometry in GUI base. ector data from QGIS through its GRASS
Edit Dialog. First, PostgreSQL tables are imported to GRASS through PostGIS. Then, the imported layer is edited and exported from GRASS to PostgreSQL through PostGIS again. This topic will be explained later.	✓ GRASS Edit     ✓        +       ∧       ↓       ♦